

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

PROGETTO DEFINITIVO

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OPERE D'ARTE MAGGIORI
PROLUNGAMENTO SOTTOVIA Sez.673
Relazione Tecnica e di Calcolo

CODICE PROGETTO			NOME FILE	REVISIONE	SCALA
COMP.	PROGETTO	LIV. ANNO	TO0ST03STRRE04D		
DP	UC00085	D19	CODICE ELAB. T00ST03STRRE04	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

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PROGETTAZIONE ATI:

1. PREMESSA

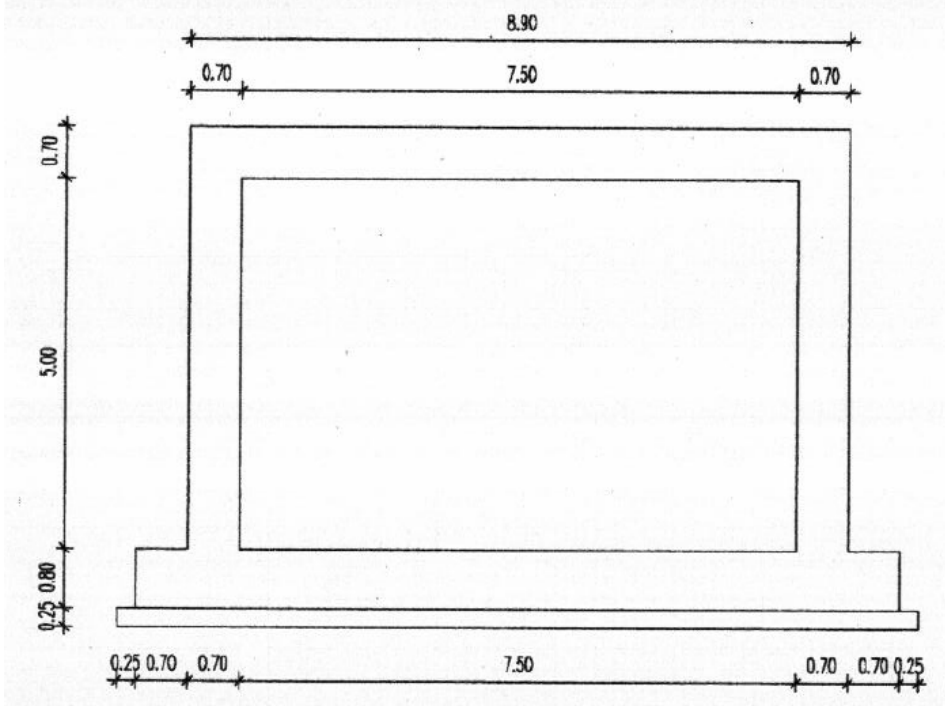
La presente relazione descrive le verifiche strutturali eseguite in riferimento all'intervento da eseguirsi sul sottopasso autostradale in corrispondenza della strada comunale (Via Agrigento) previsti nell'ambito del progetto di realizzazione dello svincolo di Cosenza Nord al km 250+000 dell'autostrada 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 un semplice scatolare in c.a gettato in opera, con luce netta 7,50 m, piedritti e soletta superiore di spessore 70 cm e basamento di spessore 80 cm, interamente in c.a gettato in opera. Lo scatolare si sviluppa per una lunghezza complessiva di 26,50 m



L'intervento prevede l'ampliamento dell'opera in corrispondenza dei due imbocchi, con l'inserimento di due protesi di lunghezza 2,90 m ciascuna, realizzate sempre con la medesima geometria della struttura esistente. Inoltre saranno realizzati ex novo anche i muri di imbocco, essendo quelli esistenti interferenti con la protesi di cui sopra e pertanto demoliti.

La nuova opera di fatto integra ed amplia la struttura esistente, essendo ad essa rigidamente connessa: viene pertanto modellata una porzione significativa dell'opera, pari alla metà dell'intero sviluppo, su cui applicare le azioni derivanti dal traffico in modo da valutare correttamente gli effetti della ripartizione delle azioni determinate dalla continuità della soletta superiore.

PROGETTAZIONE ATI:

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

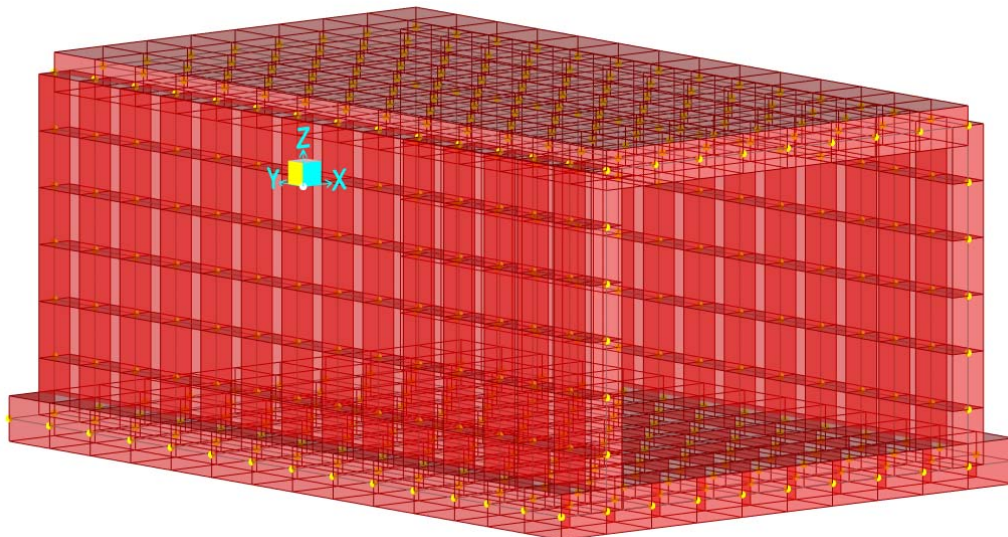
5. CLASSIFICAZIONE DELL'INTERVENTO

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 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 metà della struttura, inclusa la parte pre-esistente, oltre al segmento di prolungamento del sottopasso, come da immagine seguente



E' stato modellato solamente metà del sottopasso, essendo le operazioni di ampliamento speculari sui due imbocchi e tali da non produrre effetti già dopo pochi metri dall'imbocco: è pertanto sufficiente ai fini del dimensionamento della struttura esaminare la sola porzione di valle (o di monte) dell'intero scatolare, per una lunghezza complessiva di 15 m, incluso l'ampliamento. Le fondazioni sono state modellate associando agli elementi shell che compongono la platea di

PROGETTAZIONE ATI:

base un vincolo elastico di superficie (“Area spring”) sulla base di una costante di Winkler pari a $K_w = 30000 \text{ KN/mc}$.

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

$R_m = 40 \text{ MPa} / (1,00 \times 1,50) = 26,66 \text{ MPa}$ resistenza cubica di calcolo per muri e scatolare

Per quanto riguarda invece le nuove strutture, si avrà

$R_{cd} = 35 \text{ MPa} / 1,50 = 23,33 \text{ MPa}$ resistenza cubica di calcolo per fondazioni

$R_{cd} = 40 \text{ MPa} / 1,50 = 26,66 \text{ MPa}$ resistenza cubica di calcolo per elevazioni

7.3. ACCIAIO

Si adotta per gli elementi esistenti la resistenza di calcolo così come determinata in relazione sulle strutture, per cui $f_{yd} = 402 \text{ MPa} / 1,15 = 350,00 \text{ MPa}$

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 il ricoprimento un peso convenzionale di $22,00 \text{ KN/mc} \times 120 \text{ cm} = 26,40 \text{ kN/mq}$;
- per il cordolo un peso di $1,28 \text{ m} \times 0,75 \text{ m} \times 25 \text{ KN/mc} = 24,00 \text{ kN/m}$;
- per gli elementi marginali (barriera) un peso forfettario di $1,0 \text{ kN/ml}$;

8.3. VENTO

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

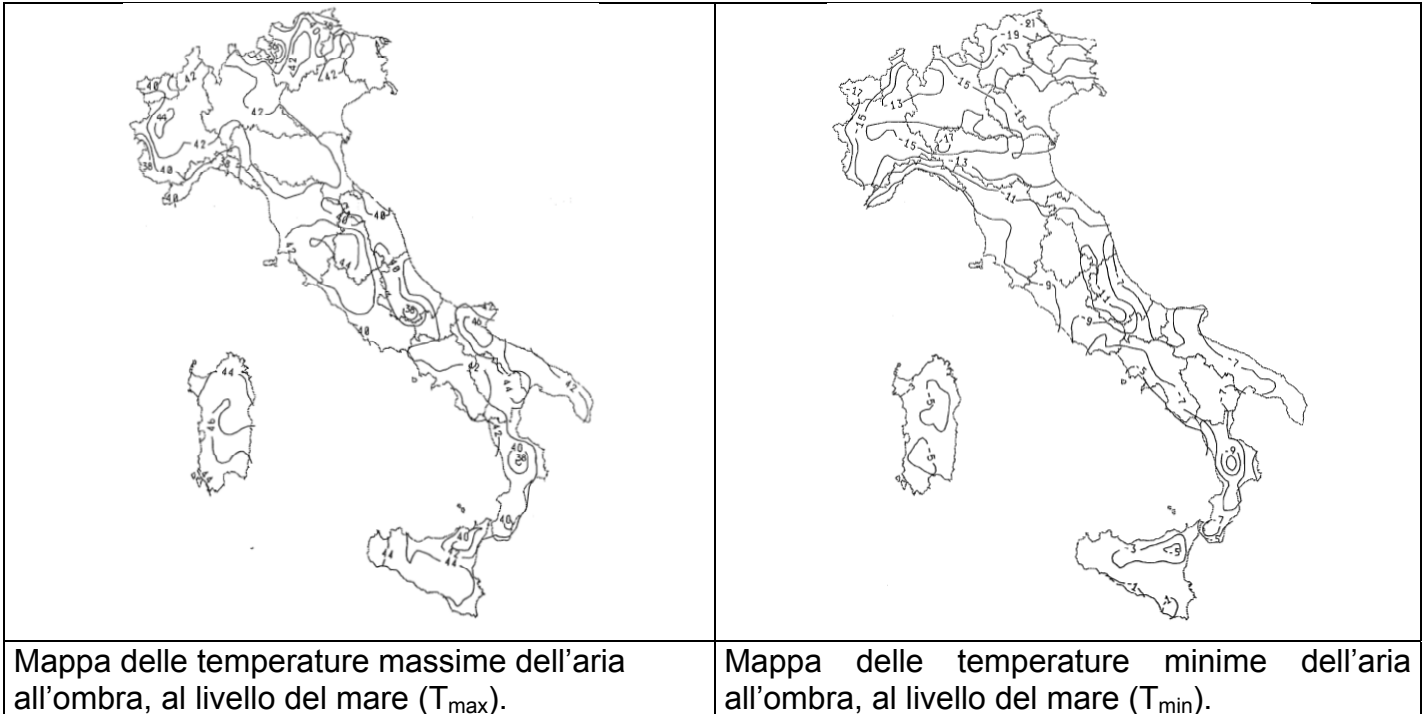
8.4. EFFETTI INDOTTI DALLE VARIAZIONI TERMICHE

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:

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

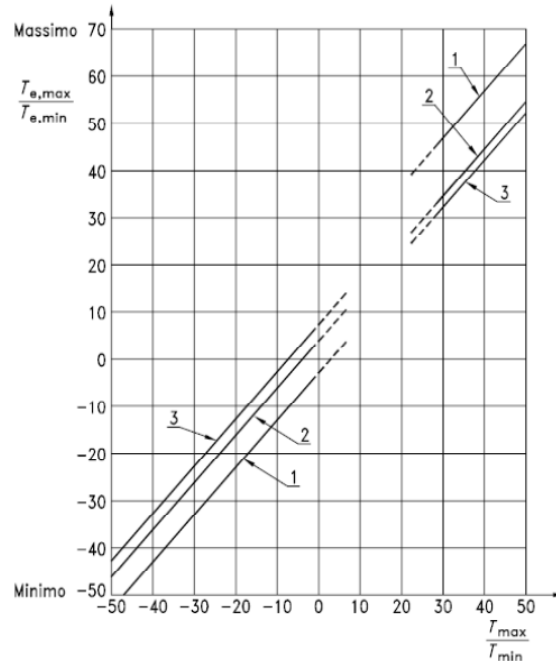
$$T_{max,h} = 42 - 2 \times 160/1000 \approx +42^{\circ}$$

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 (7,50 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

$$Q_{3,k} = 0,60 \times 600 \text{ KN} + 0,10 \times 9,00 \text{ KN/mq} \times 3,00 \text{ m} \times 8,20 \text{ m} \approx 382 \text{ KN}$$

PROGETTAZIONE ATI:

8.6. SPINTE TERRENO A TERGO DELLE PARETI VERTICALI

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 $K_0 = 1 - \text{sen } \varphi = 0,426$

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:

SOTTOVIA STRADA COMUNALE (VIA AGRIGENTO)								
SLD								
Ag [g]	F0	Tc*	TB [s]	TC [s]	TD [s]	Se(0) [g]	Se(TB) [g]	S
0.032	12.771	0.395	0.132	0.395	2.132	0.032	0.411	0.242
SLV								
Ag [g]	F0	Tc*	TB [s]	TC [s]	TD [s]	Se(0) [g]	Se(TB) [g]	S
0.469	2.60846	0.445	0.148	0.445	3.478	0.469	1.224	1.308

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	0.4694	0.26	1.2245	0.52	1.0485	0.98	0.5563	2.25	0.2423
0.01	0.5203	0.27	1.2245	0.53	1.0287	1.00	0.5452	2.30	0.2371
0.02	0.5712	0.28	1.2245	0.54	1.0097	1.05	0.5193	2.35	0.2320
0.03	0.6220	0.29	1.2245	0.55	0.9913	1.10	0.4957	2.40	0.2272
0.04	0.6729	0.30	1.2245	0.56	0.9736	1.15	0.4741	2.50	0.2181
0.05	0.7238	0.31	1.2245	0.57	0.9565	1.20	0.4543	2.60	0.2097
0.06	0.7747	0.32	1.2245	0.58	0.9400	1.25	0.4362	2.70	0.2019
0.07	0.8255	0.33	1.2245	0.60	0.9087	1.30	0.4194	2.80	0.1947
0.08	0.8764	0.34	1.2245	0.62	0.8794	1.35	0.4039	2.90	0.1880
0.09	0.9273	0.35	1.2245	0.64	0.8519	1.40	0.3894	3.00	0.1817
0.10	0.9781	0.36	1.2245	0.66	0.8261	1.45	0.3760	3.10	0.1759

PROGETTAZIONE ATI:

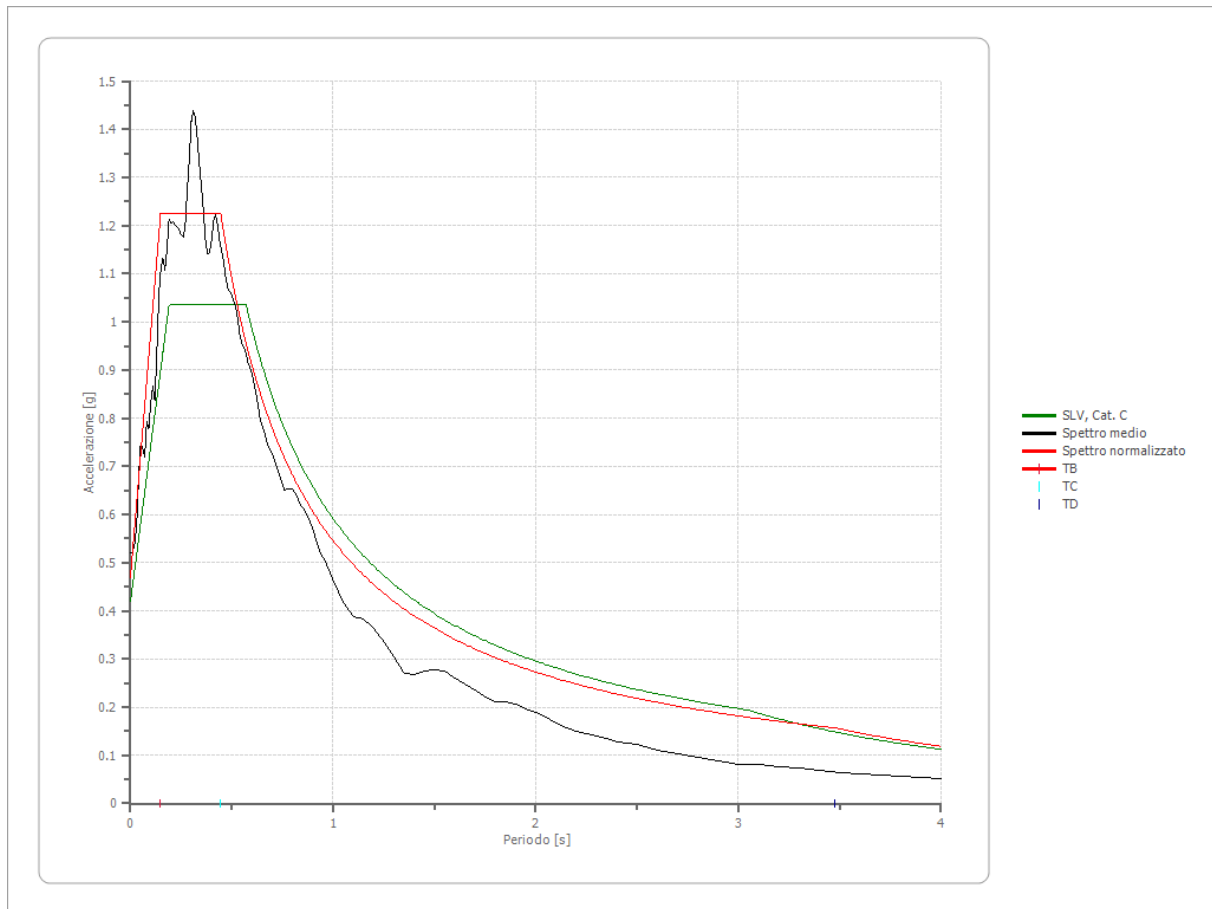
0.11	1.0290	0.37	1.2245	0.68	0.8018	1.50	0.3635	3.20	0.1704
0.12	1.0799	0.38	1.2245	0.70	0.7789	1.55	0.3518	3.30	0.1652
0.13	1.1307	0.39	1.2245	0.72	0.7572	1.60	0.3408	3.40	0.1604
0.14	1.1816	0.40	1.2245	0.74	0.7368	1.65	0.3304	3.50	0.1558
0.15	1.2245	0.41	1.2245	0.76	0.7174	1.70	0.3207	3.60	0.1514
0.16	1.2245	0.42	1.2245	0.78	0.6990	1.75	0.3116	3.70	0.1474
0.17	1.2245	0.43	1.2245	0.80	0.6815	1.80	0.3029	3.80	0.1435
0.18	1.2245	0.44	1.2245	0.82	0.6649	1.85	0.2947	3.90	0.1398
0.19	1.2245	0.45	1.2116	0.84	0.6491	1.90	0.2870	4.00	0.1363
0.20	1.2245	0.46	1.1853	0.86	0.6340	1.95	0.2796		
0.21	1.2245	0.47	1.1600	0.88	0.6196	2.00	0.2726		
0.22	1.2245	0.48	1.1359	0.90	0.6058	2.05	0.2660		
0.23	1.2245	0.49	1.1127	0.92	0.5926	2.10	0.2596		
0.24	1.2245	0.50	1.0904	0.94	0.5800	2.15	0.2536		
0.25	1.2245	0.51	1.0691	0.96	0.5679	2.20	0.2478		

Parametri spettro normalizzato

Ag [g]	F0	Tc*	TB [s]	TC [s]	TD [s]	Se(0) [g]	Se(TB) [g]	S
0.469	2.60846	--	0.148	0.445	3.478	0.469	1.224	1.308

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 adotterà 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

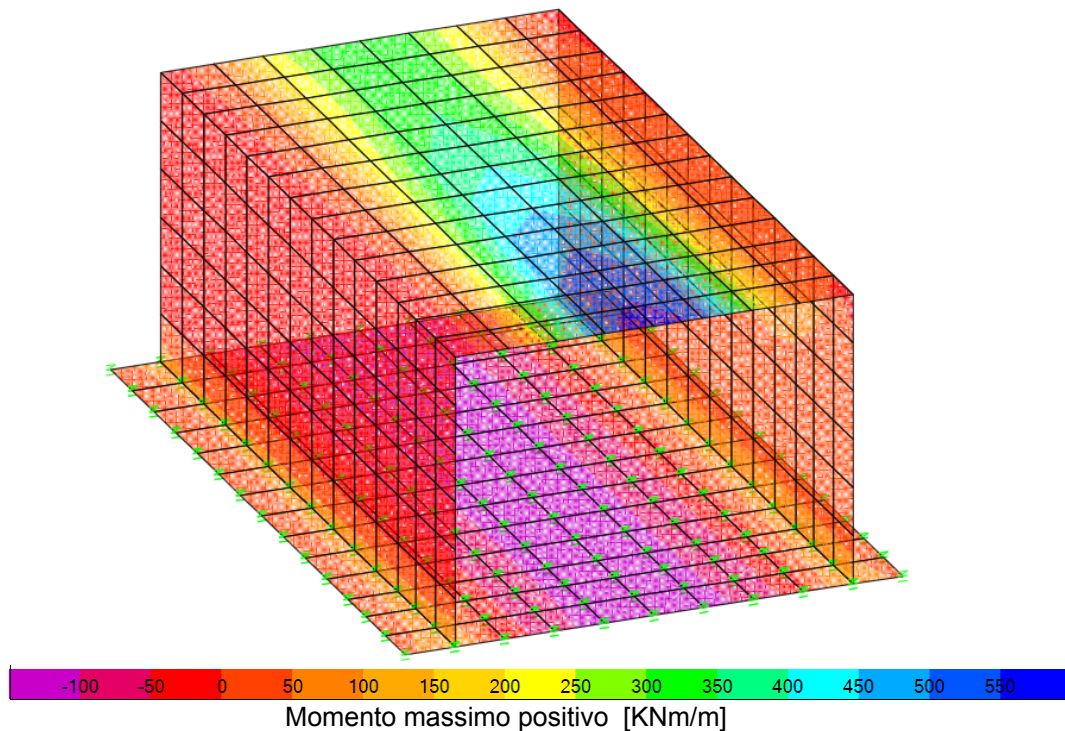
PROGETTAZIONE ATI:

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
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

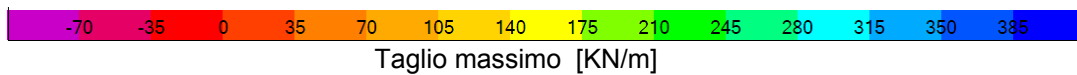
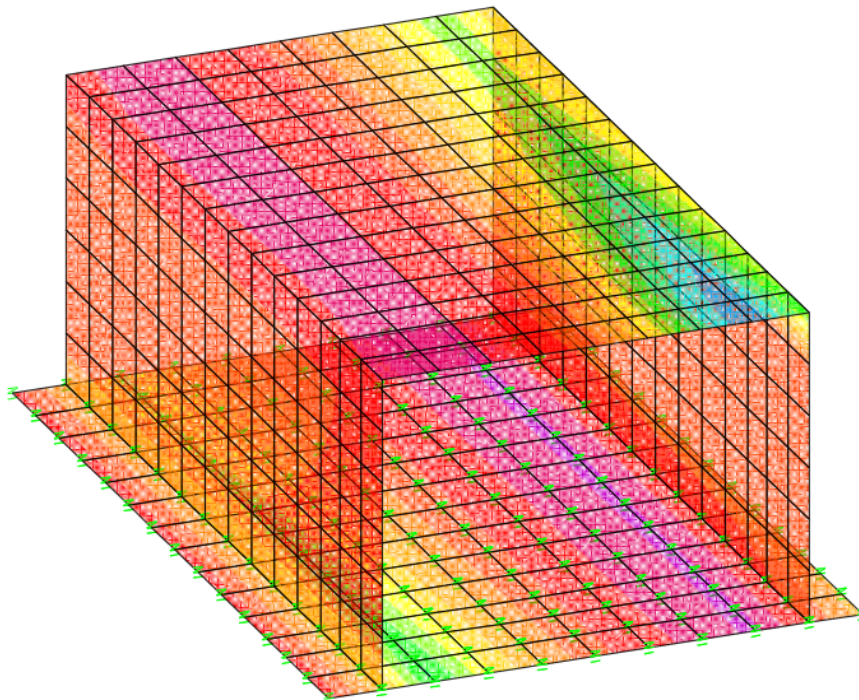
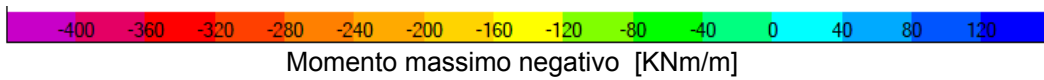
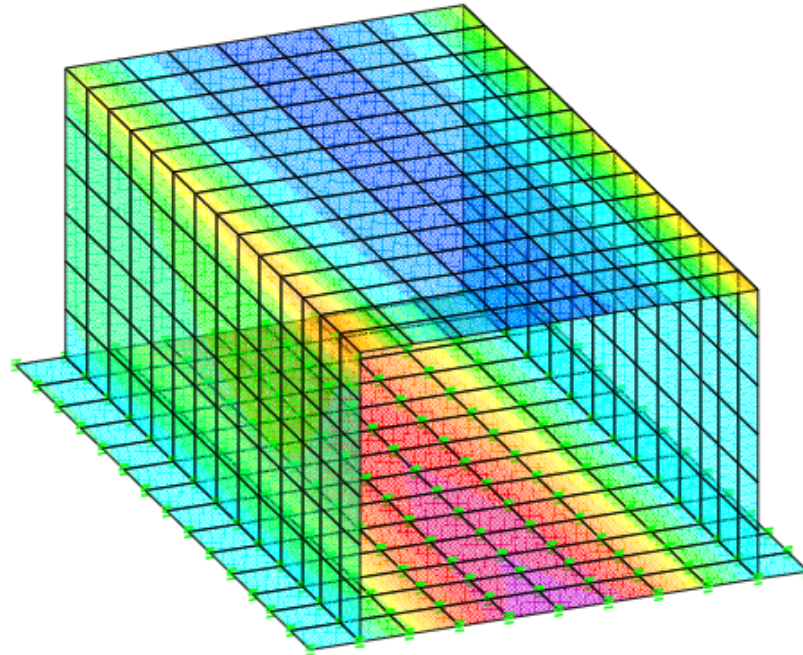
10. RISULTATI DI ANALISI E VERIFICA ELEMENTI

10.1. 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.



PROGETTAZIONE ATI:

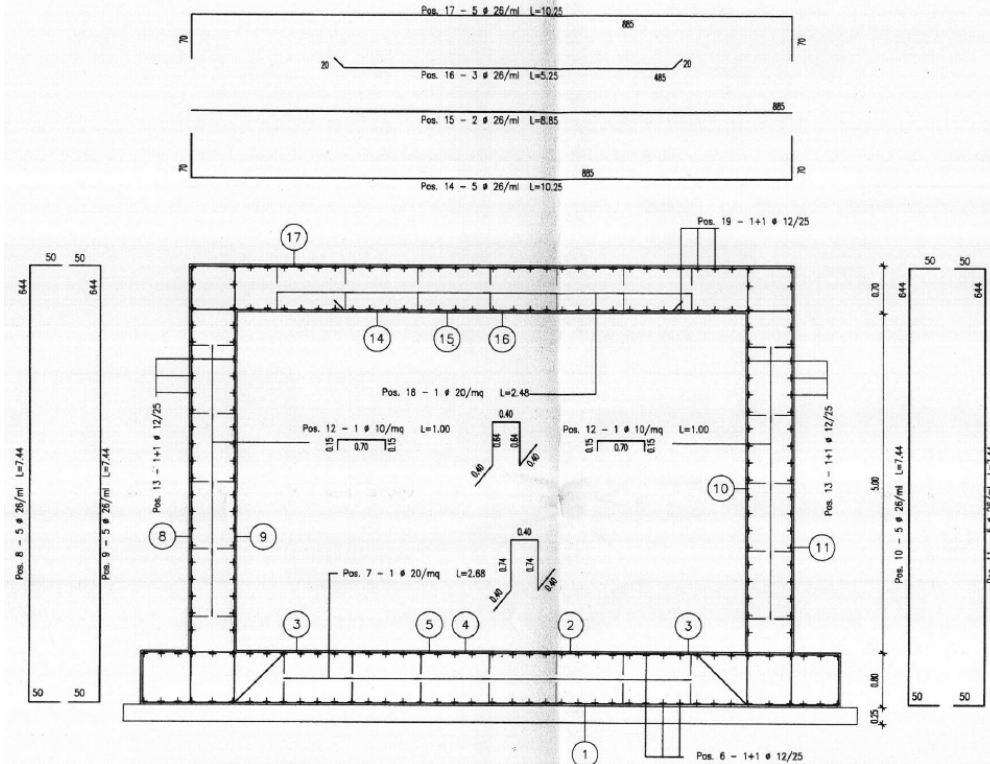


In questo caso si distinguono le sollecitazioni registrate sulla porzione di soletta pre-esistente, pari
 $M^+_{Edxx} = 507 \text{ KNm/m}$ $M^-_{Edxx} = -182 \text{ KNm/m}$ $V_{E dy} = 317 \text{ KN/m}$

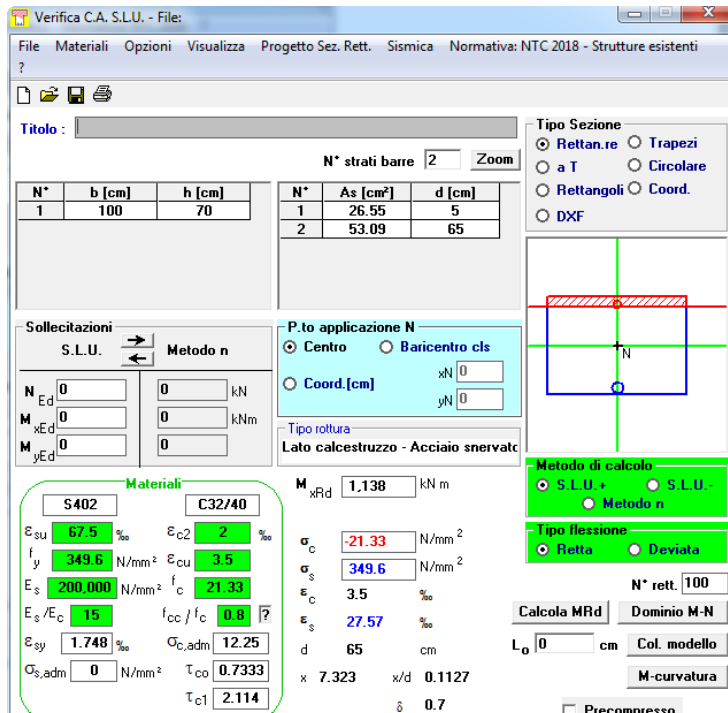
PROGETTAZIONE ATI:

Mentre per la porzione di nuova realizzazione si ha
 $M^+_{Edxx} = 566 \text{ KNm/m}$ $M^-_{Edxx} = - 206 \text{ KNm/m}$ $V_{Edy} = 348 \text{ KN/m}$

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



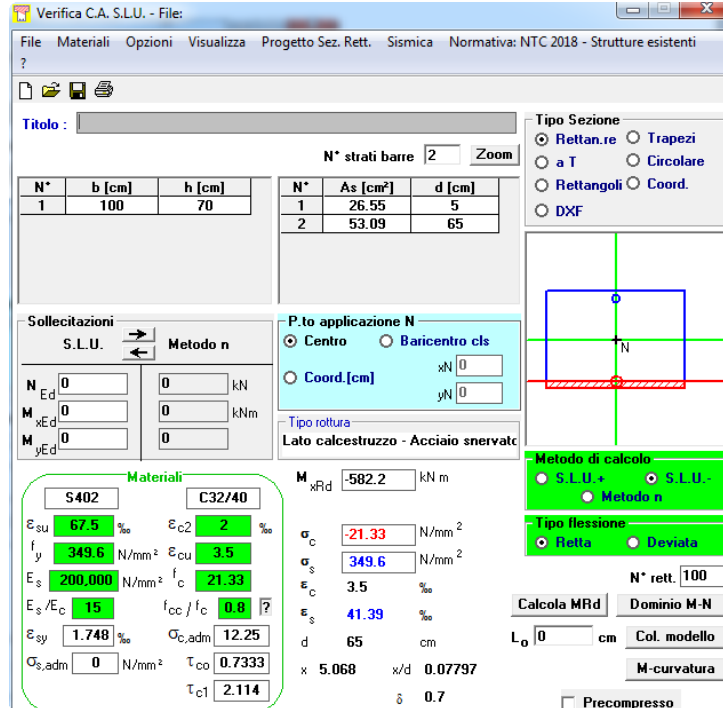
La verifica viene eseguita con codice di calcolo VCAsLU, per cui nel caso della soletta esistente si ha



Pertanto la struttura esistente è verificata.

PROGETTAZIONE ATI:

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. Alle estremità laterali invece, con momento negativo, si ha



Per cui la resistenza offerta è ancora superiore al valore sollecitante, e pertanto soddisfatta.

Per quanto riguarda invece le azioni taglianti, si riscontra unicamente la presenza di cavallotti composti da barre Ø20 posti ogni metro quadrato. Si adotta direttamente quest'ultima, per cui

Calcestruzzo		Acciaio	
Classe	C32/40	Tipo	402 N/mm ²
Rck=	40 N/mm ²	fyk=	402 N/mm ²
fck=	33.2 N/mm ²	γs=	1.15
γc=	1.5		
αcc=	0.85	fyd=	349.60 N/mm ²
fcd=	18.81333 N/mm ²		

DATI GEOMETRIA

B=	100	cm	
H=	70	cm	
c=	5	cm	
d=	65	cm	
As =	5	Ø26	
	0	Ø16	
	0	Ø14	
As,tot =	26.55	cmq	armatura tesa

RESISTENZA ELEMENTI PRIVI DI ARMATURA A TAGLIO

Vrd =	273.92	KN	Nc=	0	KN
			k =	1.55	
			v min =	0.39	
			ρ ₁ =	0.004	
			σ _{cp} =	0.00	N/mm ²

RESISTENZA ELEMENTI CON ARMATURA A TAGLIO

PROGETTAZIONE ATI:

Asw = 2 Ø20 = 6.28 cmq
s = 100 cm
θ = 9.30 °
α = 90 °
α_c = 1

inclinazione bielle compresse
inclinazione armature a taglio rispetto asse trave

ctg(θ) = 2.5
VRsd = 359.58 KN
VRcd = 1897.55 KN
VRd = 359.58 KN

La verifica è pertanto soddisfatta, anche senza considerare il contributo della muretta laterale di bordo carreggiata, che contribuisce fortemente all'assorbimento delle sollecitazioni taglianti.

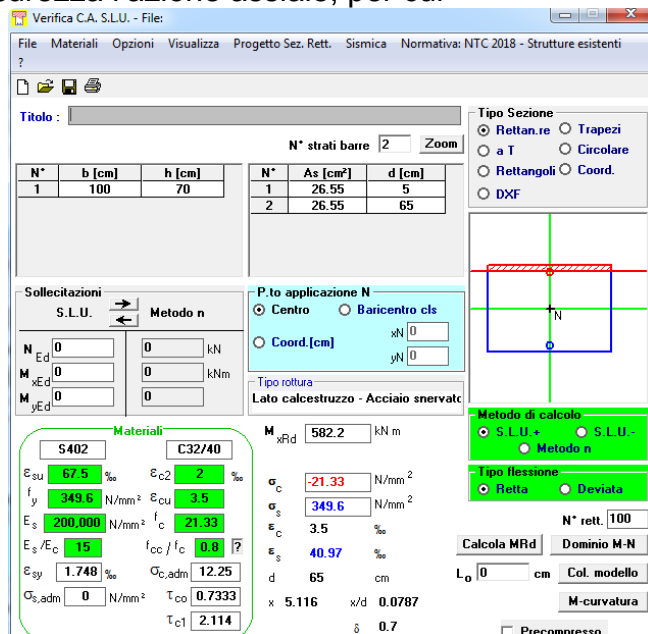
10.2. PIEDRITTI

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 $M_{Edxx} = 299 \text{ KNm/m}$ $V_{Edy} = 170 \text{ KN/m}$

Mentre per la porzione di nuova realizzazione si ha $M_{Edxx} = 351 \text{ KNm/m}$ $V_{Edy} = 185 \text{ KN/m}$

I piedritti esistenti sono armati in mezzeria con Ø26/20, secondo lo schema visto in precedenza, trascurando a favore di sicurezza l'azione assiale, per cui



The screenshot shows a software window titled "Verifica C.A. S.L.U. - File:". It contains several panels:

- Titolo:** A text input field.
- N° strati barre:** 2. A "Zoom" button is next to it.
- Table 1:**

N°	b [cm]	h [cm]
1	100	70
- Table 2:**

N°	As [cm²]	d [cm]
1	26.55	5
2	26.55	65
- Sollecitazioni:** S.L.U. Metodo n. Fields for N_{Ed}, M_{Ed}, M_{yEd}, M_{zEd} in kN and kNm.
- P.to applicazione N:** Centro, Baricentro cls, Coord.[cm].
- Materiali:** S402, C32/40. Properties for concrete (E_{su}, f_y, E_s, E_s/E_c, ε_{cu}, f_{cc}/f_c) and steel (σ_c, ε_s, d, x/d, δ).
- Metodo di calcolo:** S.L.U. +, S.L.U., Metodo n.
- Tipo flessione:** Retta, Deviata.
- Calcoli:** M_{xRd} = 582.2 kNm, σ_c = -21.33 N/mm², σ_s = 349.6 N/mm², ε_s = 40.97 ‰, x/d = 5.116, δ = 0.7.

Pertanto la struttura esistente è verificata.

PROGETTAZIONE ATI:

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. Alle estremità laterali invece, con momento negativo, si ha

Per cui la resistenza offerta è ancora superiore al valore sollecitante, e pertanto soddisfatta.

Per quanto riguarda invece le azioni taglianti, non ci sono armature deputate a resistere al taglio. Si adotta direttamente quest'ultima, per cui

Calcestruzzo		Acciaio	
Classe	C32/40	Tipo	B450C
Rck=	40 N/mm ²	fyk=	402 N/mmq
fck=	33.2 N/mm ²	Gs=	1.15
γc=	1.5	fyd=	349.60 N/mmq
acc=	0.85		
fcd=	18.81333 N/mm ²		

DATI GEOMETRIA

B=	100	cm	
H=	70	cm	
c=	5	cm	copriferro
d=	65	cm	altezza utile
As =	5	Ø26	
	0	Ø26	
	0	Ø14	
As,tot =	26.55	cmq	armatura tesa

RESISTENZA ELEMENTI PRIVI DI ARMATURA A TAGLIO

Vrd =	289.17	KN	Nc=	0	KN
			k =	1.55	
			v min =	0.39	
			ρ ₁ =	0.004	
			σ _{cp} =	0.00	N/mmq

La verifica è ampiamente soddisfatta, anche senza considerare il contributo dei distanziatori

10.3. SOLETTA DI FONDAZIONE

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 $M_{Edxx}^+ = 120$ KNm/m $M_{Edxx}^- = -396$ KNm/m $V_{Edy} = 205$ KN/m

Mentre per la porzione di nuova realizzazione si ha

$M_{Edxx}^+ = 129$ KNm/m $M_{Edxx}^- = -439$ KNm/m $V_{Edy} = 221$ KN/m

La soletta esistente è armata in mezzeria con Ø26/20 cui si aggiungono Ø30/30, secondo lo schema visto in precedenza

Poiché l'armatura è superiore a quella della soletta superiore, ed anzi si hanno anche spessori maggiori con presenza di sollecitazioni più modeste, la verifica è sicuramente soddisfatta.

10.4. VERIFICA ALLO STATO LIMITE DI ESERCIZIO

Si esegue la verifica direttamente sulla soletta di impalcato superiore dello scatolare, essendo quella maggiormente sollecitata e con valori di sforzo assiale contenuti. Per cui si ha in mezzeria:

$$M_{Sd,SLE\ RARA} = 426,68\ \text{KNm}$$

$$M_{Sd,SLE\ FREQ} = 379,87\ \text{KNm}$$

$$M_{Sd,SLE\ QPERM} = 238,47\ \text{KNm}$$

Mentre alle estremità laterali, in prossimità dei piedritti:

$$M_{Sd,SLE\ RARA} = -149,05\ \text{KNm}$$

$$M_{Sd,SLE\ FREQ} = -129,17\ \text{KNm}$$

$$M_{Sd,SLE\ QPERM} = -75,20\ \text{KNm}$$

La verifica è ancora eseguita con foglio di calcolo precompilato, considerando in mezzeria una armature composta da 10 Ø26 su sezione di spessore 70 cm. Per cui si ha

DETERMINAZIONE DELLE TENSIONI A SLS			
Controllo tensionale per la Combinazione Caratteristica			
Momento sollecitante assunto in valore assoluto	M_{Ed}	149.1	[kNm]
Coefficiente di omogeneizzazione	n	15.0	[-]
Altezza della sezione trasversale di calcestruzzo	h	700	[mm]
Larghezza della sezione trasversale di calcestruzzo	b	1000	[mm]
Copriferro	d'	50	[mm]
Altezza utile della sezione	d	650	[mm]
Area dell'armatura tesa	A_s	2655	[mm ²]
Area dell'armatura compressa	A'_s	2655	[mm ²]
Posizione dell'asse neutro	x	169.54	[mm]
Momento d'inerzia della sezione rispetto a x	J	11385474164	[mm ⁴]
Tensione ammissibile nel calcestruzzo nella combinazione caratteristica	$\sigma_{c,caratt.}$	19.2	[MPa]
Tensione ammissibile nell'acciaio per le combinazioni a SLS	σ_s	360	[MPa]
Tensione nel calcestruzzo	σ_c	2.22	[MPa]
Tensione nell'armatura tesa	σ_s	94.35	[MPa]

DETERMINAZIONE DELLE TENSIONI A SLS			
Controllo tensionale per la Combinazione Quasi Permanente			
Momento sollecitante assunto in valore assoluto	M_{Ed}	75.2	[kNm]
Coefficiente di omogeneizzazione	n	15.0	[-]
Altezza della sezione trasversale di calcestruzzo	j	700	[-]
Larghezza della sezione trasversale di calcestruzzo	b	1000	[-]
Copriferro	d'	50	[-]
Altezza utile della sezione	d'	650	[-]
Area dell'armatura tesa	A_s	2655	[mm ²]
Area dell'armatura compressa	A'_s	2655	[mm ²]
Posizione dell'asse neutro	x	169.54	[mm]
Momento d'inerzia della sezione rispetto a x	J	11385474164	[mm ⁴]
Tensione ammissibile nel calcestruzzo nella combinazione quasi permanente	$\sigma_{c,q.p.}$	14.4	[MPa]
Tensione ammissibile nell'acciaio per le combinazioni a SLS	σ_s	360	[MPa]
Tensione nel calcestruzzo	σ_c	1.12	[MPa]
Tensione nell'armatura tesa	σ_s	47.60	[MPa]

CONTROLLO DI FESSURAZIONE A SLS			
Altezza della sezione trasversale di calcestruzzo	h	700	[mm]
Larghezza della sezione trasversale di calcestruzzo	b	1000	[mm]
Copriferro	d'	50	[mm]
Altezza utile della sezione	d	650	[mm]

PROGETTAZIONE ATI:

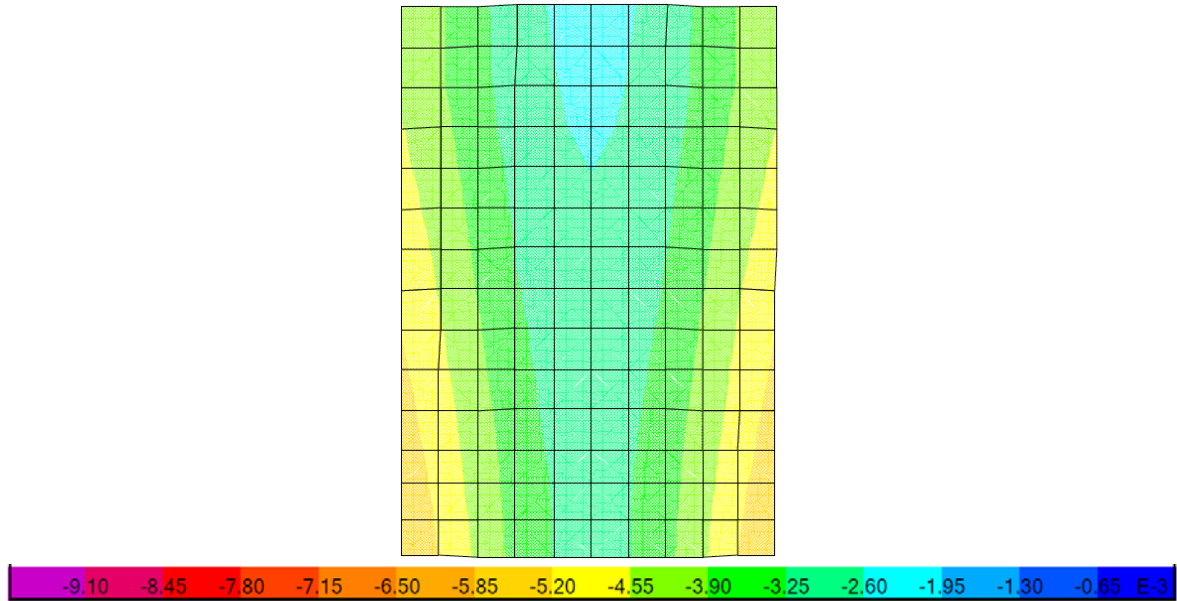
Area dell'armatura tesa	As	2655	[mm ²]
Area dell'armatura compressa	A's	2655	[mm ²]
Distanza tra il bordo del cls e l'armatura	C	50	[mm]
Distanza tra i baricentri delle barre	s	200	[mm]
Distanza massima di riferimento tra le barre	Srif,max	315	[mm]
Calcolo dell'ampiezza delle fessure - Combinazione Quasi Permanente			
Momento sollecitante per la combinazione Quasi Permanente	M_{Ed,q.p.}	75.2	[kNm]
Durata del carico		lunga	[-]
Posizione dell'asse neutro dal lembo superiore	x	169.54	[mm]
Tensione indotta nell'armatura tesa considerando la sezione fessurata	σ_s	47.60	[MPa]
Valore medio della resistenza a trazione efficace del calcestruzzo	$f_{ct,eff}$	3.0	[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 ²]
Rapporto geometrico sull'area efficace	$\rho_{p,eff}$	0.02124	[-]
Rapporto tra E_s/E_{cm}	α_e	6.00	[-]
Differenza tra la deformazione nell'acciaio e quella nel calcestruzzo	$\epsilon_{sm} - \epsilon_{cm}$	-0.000083	[-]
		0.000143	[-]
Determinazione del diametro equivalente delle barre tese	ϕ_{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	$S_{r,max}$	378.13	[mm]
		378.13	[mm]
Ampiezza delle fessure	w_k	0.0540	[mm]
Ampiezza massima delle fessure	w_{max}	0.2	[mm]
Calcolo dell'ampiezza delle fessure - Combinazione Frequente			
Momento sollecitante per la combinazione Frequente	M_{Ed,freq.}	129.17	[kNm]
Durata del carico		lunga	[-]
Posizione dell'asse neutro dal lembo superiore	x	169.54	[mm]
Tensione indotta nell'armatura tesa considerando la sezione fessurata	σ_s	81.76	[MPa]
Valore medio della resistenza a trazione efficace del calcestruzzo	$f_{ct,eff}$	3.0	[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 ²]
Rapporto geometrico sull'area efficace	$\rho_{p,eff}$	0.02124	[-]
Rapporto tra E_s/E_{cm}	α_e	6.00	[-]
Differenza tra la deformazione nell'acciaio e quella nel calcestruzzo	$\epsilon_{sm} - \epsilon_{cm}$	0.000088	[-]
		0.000245	[-]
Determinazione del diametro equivalente delle barre tese	ϕ_{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	$S_{r,max}$	378.13	[mm]
		378.13	[mm]
Ampiezza delle fessure	w_k	0.0928	[mm]
Ampiezza massima delle fessure	w_{max}	0.3	[mm]

11. VERIFICHE GEOTECNICHE

Le tensioni massime scaricate sul terreno si ottengono a partire dal modello di calcolo, sulla scorta degli spostamenti massimi registrati in fondazione, moltiplicati per la costante di sottofondo $K_w = 30000 \text{ KN/mc}$

Dal modello di calcolo si ottengono i seguenti risultati per le condizioni di carico statiche, essendo chiaramente quelle più gravose per quanto riguarda le azioni verticali scaricate sul terreno:

PROGETTAZIONE ATI:



Il valore massimo riscontrato, in prossimità del bordo, è pari a 5,6 mm, da cui si ottiene una tensione massima pari a $\sigma_{max} = 168$ KPa.

La verifica viene effettuata sul reale ingombro dell'intero scatolare, applicando il metodo di Brinch-Hansen e confrontando cautelativamente direttamente il valore massimo della tensione scaricata sul terreno con quello limite del terreno:

CARICO LIMITE IN FONDAZIONE $\gamma_d = 2.3$

Caratteristiche geometriche fondazione

B = 8.9 m	(lato corto)	B' = 8.9 m
L = 32.3 m	(lato lungo)	L' = 32.3 m
D = 1.2 m	Profondità piano di posa	
eB = 0 m	eccentricità in direzione parallela a B	
eL = 0 m	eccentricità in direzione parallela a L	

Caratteristiche terreno

$\varphi = 33.5^\circ$	Angolo d'attrito	= 0.585 rad
$\gamma = 18$ KN/m ³	Peso specifico terreno	
c = 25 KN/m ²	coesione	
$\omega = 0^\circ$	Inclinazione piano campagna	= 0 rad
$\varepsilon = 0^\circ$	Inclinazione piano di posa	= 0 rad

Nq = 27.71
Nc = 40.35
N γ = 26.52

BRINCH-HANSEN

Fatt. di forma	Fatt. di incl. Carico	Fatt. di incl. P.C.	Fatt. di incl. P.F.	Fatt. di profondità
$\zeta_q = 1.182$	$\xi_q = 1.000$	$\beta_q = 1.000$	$\alpha_q = 1.000$	dq = 1.036
$\zeta_c = 1.189$	$\xi_c = 1.000$	$\beta_c = 1.000$	$\alpha_c = 1.000$	dc = 1.054
$\zeta_\gamma = 0.890$	$\xi_\gamma = 1.000$	$\beta_\gamma = 1.000$	$\alpha_\gamma = 1.000$	d γ = 1.000

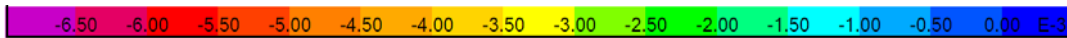
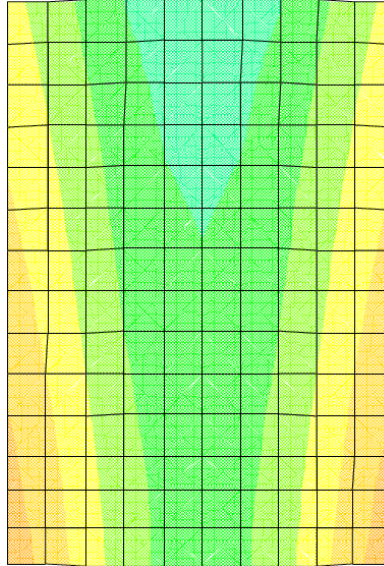
Qk,lim = 3887.14 KN/m²

PROGETTAZIONE ATI:

$Q_{d,lim} = Q_{k,lim} / \gamma_d = 1690.06 \text{ KN/m}^2$

La verifica è pertanto ampiamente soddisfatta.

Per quanto riguarda la verifica in condizioni di esercizio, si riscontrano i seguenti valori del cedimento valutato attraverso la condizione di carico SLE_Rara:



Il valore ottenuto è pari a circa 4,3 mm, del tutto compatibili con l'utilizzo della struttura.

12. 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 4,50 m misurato dallo spiccatto di fondazione, di cui fuori terra circa 4,00 m. Il paramento verticale sarà di spessore 60 cm, con zattera di fondazione 80 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 complesso 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.

PROGETTAZIONE ATI:

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 γ . 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 ρ 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.

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 γ_{sat} è il peso di volume saturo del terreno (dipendente dall'indice dei pori) e γ_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 ε l'inclinazione del terrapieno rispetto all'orizzontale e β l'inclinazione della parete rispetto alla verticale, si calcola la spinta S' considerando un'inclinazione del terrapieno e della parete 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, θ assume le seguenti espressioni:

Terreno a bassa permeabilità

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

PROGETTAZIONE ATI:

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 θ .

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

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 η_r .

Deve quindi essere verificata la seguente diseuguaglianza:

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

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 δ è positivo, ribaltante se δ è negativo. δ 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 η_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 δ_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

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

PROGETTAZIONE ATI:

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, δ_r , diversi autori suggeriscono di assumere un valore di δ_r 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 η_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:

$$q_u = cN_c s_c d_c i_c + qN_q s_q d_q i_q + 0.5B\gamma N_\gamma s_\gamma d_\gamma i_\gamma$$

In questa espressione:

- c coesione del terreno in fondazione
- ϕ angolo di attrito del terreno in fondazione
- γ 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

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

Indichiamo con K_p il coefficiente di spinta passiva espresso da:

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

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

PROGETTAZIONE ATI:

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_γ 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 η_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:

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

dove il termine m è espresso da

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

In questa espressione n è il numero delle strisce considerate, b_i e α_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 ϕ_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 η . Quindi essa viene risolta per successive approssimazioni assumendo un valore iniziale per η 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
γ	Peso specifico, espresso in [kg/mc]
R_{ck}	Resistenza caratteristica a compressione, espressa in [kg/cm ²]
E	Modulo elastico, espresso in [kg/cm ²]
ν	Coeff. di Poisson
n	Coeff. di omogenizzazione acciaio/cls
ntc	Coeff. di omogenizzazione cls teso/compresso

Calcestruzzo armato

n°	Descr	C	A	γ	R_{ck}	E	ν	n	ntc
				[kg/mc]	[kg/cm ²]	[kg/cm ²]			
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 ²]	[kg/cm ²]
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	4.50	[m]
Altezza paramento libero	4.00	[m]
Spessore in sommità	0.60	[m]
Spessore all'attacco con la fondazione	0.60	[m]
Inclinazione paramento esterno	0.00	[°]
Inclinazione paramento interno	0.00	[°]

Fondazione

Materiale Cls Armato

PROGETTAZIONE ATI:

Lunghezza mensola di valle	0.50	[m]
Lunghezza mensola di monte	1.00	[m]
Lunghezza totale	2.10	[m]
Inclinazione piano di posa	0.00	[°]
Spessore	0.80	[m]
Spessore magrone	0.00	[m]

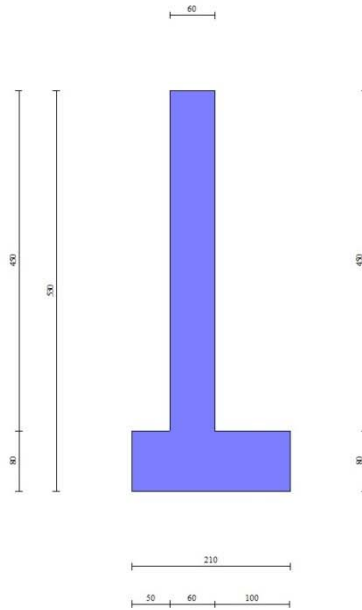


Fig. 1 - Sezione quotata del muro

Descrizione terreni

Parametri di resistenza

Simbologia adottata

n°	Indice del terreno
Descr	Descrizione terreno
γ	Peso di volume del terreno espresso in [kg/mc]
γ_s	Peso di volume saturo del terreno espresso in [kg/mc]
ϕ	Angolo d'attrito interno espresso in [°]
δ	Angolo d'attrito terra-muro espresso in [°]
c	Coesione espressa in [kg/cm ²]
c_a	Adesione terra-muro espressa in [kg/cm ²]
Per calcolo portanza con il metodo di Bustamante-Doix	
Cesp	Coeff. di espansione laterale (solo per il metodo di Bustamante-Doix)
τ_l	Tensione tangenziale limite, espressa in [kg/cm ²]

n°	Descr	γ [kg/mc]	γ_{sat} [kg/mc]	ϕ [°]	δ [°]	c [kg/cm ²]	c_a [kg/cm ²]	Cesp	τ_l [kg/cm ²]
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]
α	Inclinazione espressa in [°]
Terreno	Terreno dello strato

PROGETTAZIONE ATI:

Per calcolo pali (solo se presenti)

Kw Costante di Winkler orizzontale espressa in Kg/cm²/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_{sta}, Kst_{sis} Coeff. di spinta statico e sismico

n°	H [m]	α [°]	Terreno	Kw [Kg/cm ²]	Ks	Cesp	Kst _{sta}	Kst _{sis}
1	4.00	0.000	Rilevato stradale	---	---	---	---	---
2	2.50	0.000	Unita_1	---	---	---	---	---
3	2.00	0.000	Unita_2	---	---	---	---	---

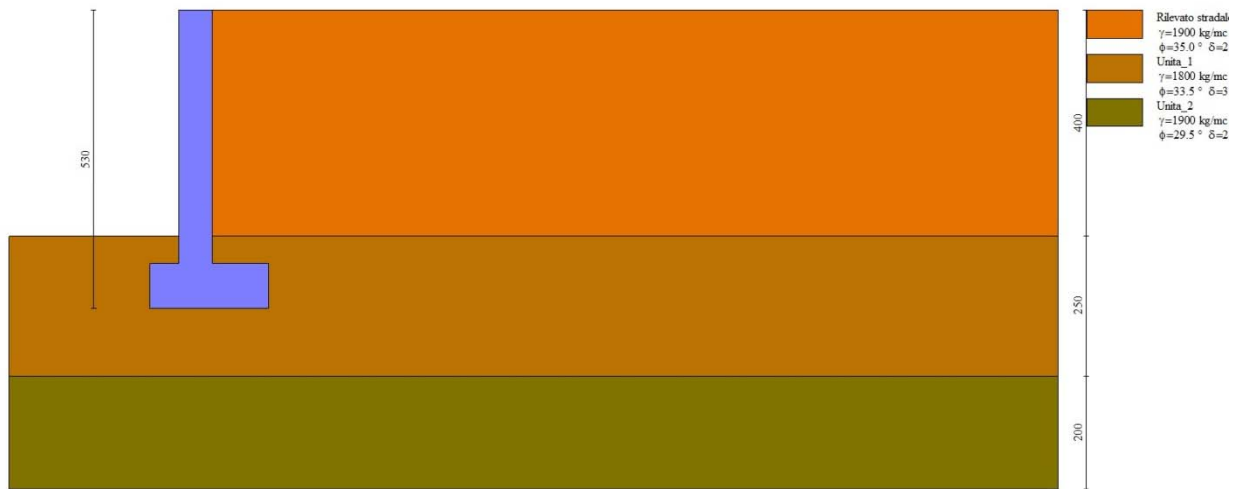


Fig. 2 - Stratigrafia

Normativa

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

Coeff. 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	$\gamma_{G1.fav}$	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00
Permanenti strutturali	Sfavorevoli	$\gamma_{G1.sfav}$	1.00	1.10	1.30	1.30	1.00	1.00	1.00	1.00
Permanenti non strutturali	Favorevoli	$\gamma_{G2.fav}$	0.00	0.80	0.80	0.80	0.80	0.00	0.00	0.00
Permanenti non strutturali	Sfavorevoli	$\gamma_{G2.sfav}$	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili	Favorevoli	$\gamma_{O.fav}$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili	Sfavorevoli	$\gamma_{O.sfav}$	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili da traffico	Favorevoli	$\gamma_{OT.fav}$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili da traffico	Sfavorevoli	$\gamma_{OT.sfav}$	1.00	1.50	1.35	1.35	1.15	1.00	1.00	1.00

Coeff. parziali per i parametri geotecnici del terreno

Parametro		Combinazioni statiche		Combinazioni sismiche	
		M1	M2	M1	M2
Tangente dell'angolo di attrito	$\gamma_{\tan(\phi)}$	1.00	1.25	1.00	1.00
Coesione efficace	γ_c	1.00	1.25	1.00	1.00
Resistenza non drenata	γ_{cu}	1.00	1.40	1.00	1.00
Peso nell'unità di volume	γ_v	1.00	1.00	1.00	1.00

PROGETTAZIONE ATI:

Coeff. parziali γ_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. γ_G e γ_Q , sono definiti nella tabella normativa.

In particolare si sono considerate le seguenti combinazioni:

Simbologia adottata

γ Coefficiente di partecipazione della condizione
 Ψ Coefficiente di combinazione della condizione

Combinazione n° 1 - STR (A1-M1-R3)

Condizione	γ	Ψ	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	γ	Ψ	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	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole

Combinazione n° 4 - GEO (A2-M2-R2)

Condizione	γ	Ψ	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	γ	Ψ	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	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole

Combinazione n° 7 - EQU (A1-M1-R3)

Condizione	γ	Ψ	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	γ	Ψ	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	γ	Ψ	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_q	[m/s ²]		4.600	0.314
Accelerazione al suolo	a_q/g	[%]		0.469	0.032
Massimo fattore amplificazione spettro orizzontale	FO			2.608	12.771
Periodo inizio tratto spettro a velocità costante	Tc*			0.445	0.395
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 β_m	kh	kv
Ultimo	0.380	17.819	8.909
Ultimo - Ribaltamento	0.570	26.728	13.364
Esercizio	0.470	1.504	0.752

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
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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 _{SCO}	Coeff. di sicurezza allo scorrimento
FS _{RIB}	Coeff. di sicurezza al ribaltamento
FS _{OLIM}	Coeff. di sicurezza a carico limite
FS _{STAB}	Coeff. di sicurezza a stabilità globale
FS _{HYD}	Coeff. di sicurezza a sifonamento
FS _{UPL}	Coeff. di sicurezza a sollevamento

Cmb	Sismica	FS _{SCO}	FS _{RIB}	FS _{OLIM}	FS _{STAB}	FS _{HYD}	FS _{UPL}
1 - STR (A1-M1-R3)		2.124		3.197			
2 - STR (A1-M1-R3)	H + V	1.384		1.370			
3 - STR (A1-M1-R3)	H - V	1.270		1.359			
4 - GEO (A2-M2-R2)					1.828		
5 - GEO (A2-M2-R2)	H + V				1.686		
6 - GEO (A2-M2-R2)	H - V				1.609		
7 - EQU (A1-M1-R3)			2.405				
8 - EQU (A1-M1-R3)	H + V		1.184				
9 - EQU (A1-M1-R3)	H - V		1.014				

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)	15742	0	0	--	--	15742	7411	2.124
3 - STR (A1-M1-R3) H - V	14857	0	0	--	--	14857	11696	1.270

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)	23783	76039	54313	3.197
3 - STR (A1-M1-R3) H - V	22447	30512	25427	1.359

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_γ Fattori per tener conto dell'effetto piastra. Per fondazioni che hanno larghezza maggiore di 2 m, il terzo termine della formula trinomia 0.5B_γN_γ 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/cm²]
 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 _γ
1	35.585	0.652	1.224	--	--	--	--	--	--	0.640	0.995
	23.264	0.652	1.112	--	--	--	--	--	--		
	22.143	0.211	1.112	--	--	--	--	--	--		
3	35.585	0.482	1.224	--	--	--	--	--	--	0.411	0.995
	23.264	0.482	1.112	--	--	--	--	--	--		
	22.143	0.020	1.112	--	--	--	--	--	--		

n°	D [m]	B' [m]	H [m]	γ [°]	φ [kg/mc]	c [kg/cm ²]
1	1.30	2.10	1.90	1837	32.03	0.03
3	1.30	2.10	1.90	1837	32.03	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)	31677	13171	2.405
9 - EQU (A1-M1-R3) H - V	34838	34342	1.014

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)	-1.50; 1.50	7.25	1.828
6 - GEO (A2-M2-R2) H - V	-2.00; 4.50	10.26	1.609

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_y 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/cm²]
 b larghezza della striscia espressa in [m]
 u pressione neutra lungo la base della striscia espressa in [kg/cm²]
 T_x; T_y Resistenza al taglio fornita dai tiranti in direzione X ed Y espressa in [kg/cm²]

n°	W [kg]	Q _y [kg]	b [m]	α [°]	φ [°]	c [kg/cm ²]	u [kg/cm ²]	T _x ; T _y [kg]
1	647	0	5.61 - 0.47	71.729	29.256	0.00	0.000	
2	1697	0	0.47	62.120	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	2405	0	0.47	54.859	29.256	0.00	0.000	
4	2952	0	0.47	48.763	29.256	0.00	0.000	
5	3397	0	0.47	43.346	29.256	0.00	0.000	
6	3759	0	0.47	38.382	27.902	0.02	0.000	
7	4054	0	0.47	33.741	27.902	0.02	0.000	
8	4303	0	0.47	29.340	27.902	0.02	0.000	
9	4512	0	0.47	25.124	27.902	0.02	0.000	
10	4759	0	0.47	21.049	27.902	0.02	0.000	
11	5090	0	0.47	17.083	27.902	0.02	0.000	
12	4934	0	0.47	13.201	27.902	0.02	0.000	
13	6585	0	0.47	9.380	27.902	0.02	0.000	
14	1804	0	0.47	5.600	27.902	0.02	0.000	
15	1531	0	0.47	1.845	27.902	0.02	0.000	
16	1491	0	0.47	-1.902	27.902	0.02	0.000	
17	1464	0	0.47	-5.658	27.902	0.02	0.000	
18	1411	0	0.47	-9.438	27.902	0.02	0.000	
19	1329	0	0.47	-13.260	27.902	0.02	0.000	
20	1219	0	0.47	-17.143	27.902	0.02	0.000	
21	1079	0	0.47	-21.110	27.902	0.02	0.000	
22	905	0	0.47	-25.187	27.902	0.02	0.000	
23	696	0	0.47	-29.406	27.902	0.02	0.000	
24	447	0	0.47	-33.809	27.902	0.02	0.000	
25	151	0	-6.24 - 0.47	-37.567	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	596	0	7.23 - 0.60	60.169	35.000	0.00	0.000	
2	1668	0	0.60	54.400	35.000	0.00	0.000	
3	2538	0	0.60	48.972	35.000	0.00	0.000	
4	3261	0	0.60	44.088	35.000	0.00	0.000	
5	3874	0	0.60	39.584	35.000	0.00	0.000	
6	4398	0	0.60	35.357	35.000	0.00	0.000	
7	4834	0	0.60	31.343	33.500	0.03	0.000	
8	5199	0	0.60	27.495	33.500	0.03	0.000	
9	5510	0	0.60	23.777	33.500	0.03	0.000	
10	5771	0	0.60	20.163	33.500	0.03	0.000	
11	6191	0	0.60	16.632	33.500	0.03	0.000	
12	6495	0	0.60	13.164	33.500	0.03	0.000	
13	8177	0	0.60	9.745	33.500	0.03	0.000	
14	2496	0	0.60	6.361	33.500	0.03	0.000	
15	1878	0	0.60	3.000	33.500	0.03	0.000	
16	1893	0	0.60	-0.352	33.500	0.03	0.000	
17	1870	0	0.60	-3.704	33.500	0.03	0.000	
18	1809	0	0.60	-7.070	33.500	0.03	0.000	
19	1709	0	0.60	-10.460	33.500	0.03	0.000	
20	1570	0	0.60	-13.888	33.500	0.03	0.000	
21	1389	0	0.60	-17.367	33.500	0.03	0.000	
22	1164	0	0.60	-20.915	33.500	0.03	0.000	
23	892	0	0.60	-24.548	33.500	0.03	0.000	
24	570	0	0.60	-28.291	33.500	0.03	0.000	
25	193	0	-7.76 - 0.60	-31.482	33.500	0.03	0.000	

PROGETTAZIONE ATI:

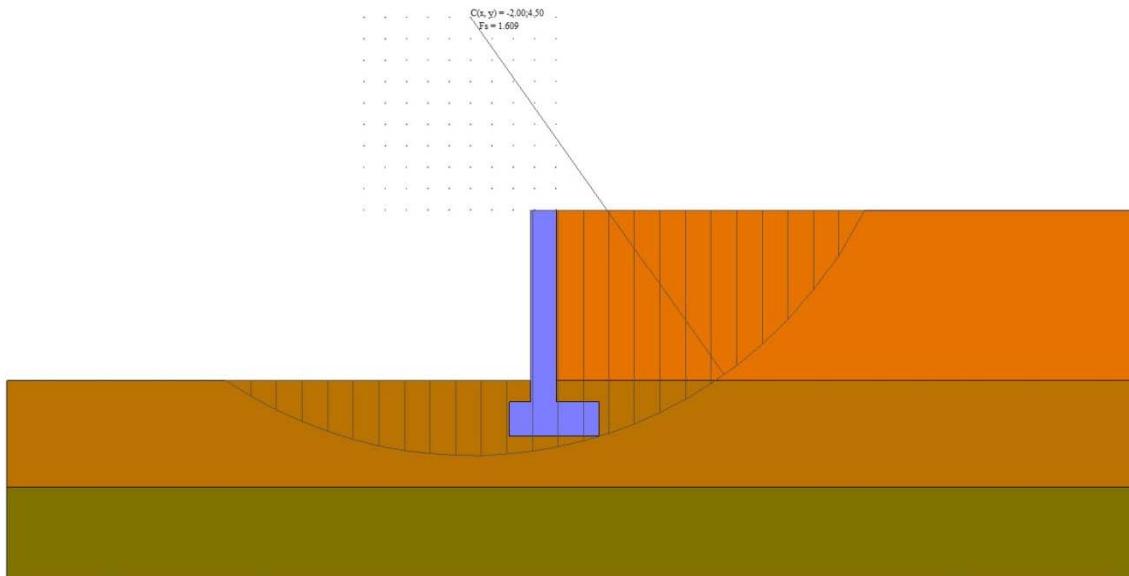


Fig. 3 - Stabilità fronte di scavo - Cerchio critico (Combinazione n° 6)

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 _{min}	N _{max}	T _{min}	T _{max}	M _{min}	M _{max}
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	0	0	0	0	0	0
2	-0.10	151	151	3	30	0	1
3	-0.20	305	306	11	67	-1	5
4	-0.30	461	463	25	111	-1	11
5	-0.40	619	623	45	161	0	22
6	-0.50	780	787	70	218	3	37
7	-0.60	943	953	100	282	7	57
8	-0.70	1109	1122	136	353	14	83
9	-0.80	1277	1293	178	430	24	115
10	-0.90	1447	1468	225	515	38	155
11	-1.00	1620	1646	277	606	57	203
12	-1.10	1795	1827	336	703	80	259
13	-1.20	1972	2010	399	808	108	324
14	-1.30	2152	2197	469	919	143	400
15	-1.40	2334	2386	544	1037	184	486
16	-1.50	2519	2578	624	1162	231	583
17	-1.60	2706	2774	710	1294	287	692
18	-1.70	2896	2972	801	1432	351	814
19	-1.80	3087	3173	898	1577	423	949
20	-1.90	3282	3377	1001	1729	505	1098
21	-2.00	3478	3584	1109	1887	596	1262
22	-2.10	3677	3793	1223	2053	698	1441
23	-2.20	3879	4006	1342	2225	811	1636
24	-2.30	4083	4222	1466	2404	935	1847
25	-2.40	4289	4440	1597	2589	1071	2076
26	-2.50	4497	4662	1733	2782	1220	2323

PROGETTAZIONE ATI:

n°	X	N _{min}	N _{max}	T _{min}	T _{max}	M _{min}	M _{max}
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
27	-2.60	4708	4886	1874	2981	1382	2589
28	-2.70	4922	5113	2021	3187	1558	2874
29	-2.80	5137	5344	2173	3400	1748	3180
30	-2.90	5356	5577	2331	3619	1952	3506
31	-3.00	5576	5813	2495	3845	2172	3853
32	-3.10	5799	6052	2664	4078	2408	4222
33	-3.20	6024	6294	2838	4318	2661	4615
34	-3.30	6252	6539	3019	4565	2930	5030
35	-3.40	6482	6786	3204	4818	3217	5470
36	-3.50	6715	7037	3395	5078	3523	5934
37	-3.60	6950	7290	3592	5345	3846	6424
38	-3.70	7187	7547	3795	5618	4190	6941
39	-3.80	7426	7806	4002	5899	4552	7484
40	-3.90	7669	8069	4216	6186	4936	8054
41	-4.00	7913	8334	4435	6480	5340	8653
42	-4.10	8191	8640	4636	6749	5755	9267
43	-4.20	8475	8954	4839	7020	6188	9905
44	-4.30	8763	9272	5047	7298	6641	10569
45	-4.40	9054	9594	5261	7582	7114	11261
46	-4.50	9349	9920	5479	7873	7608	11980

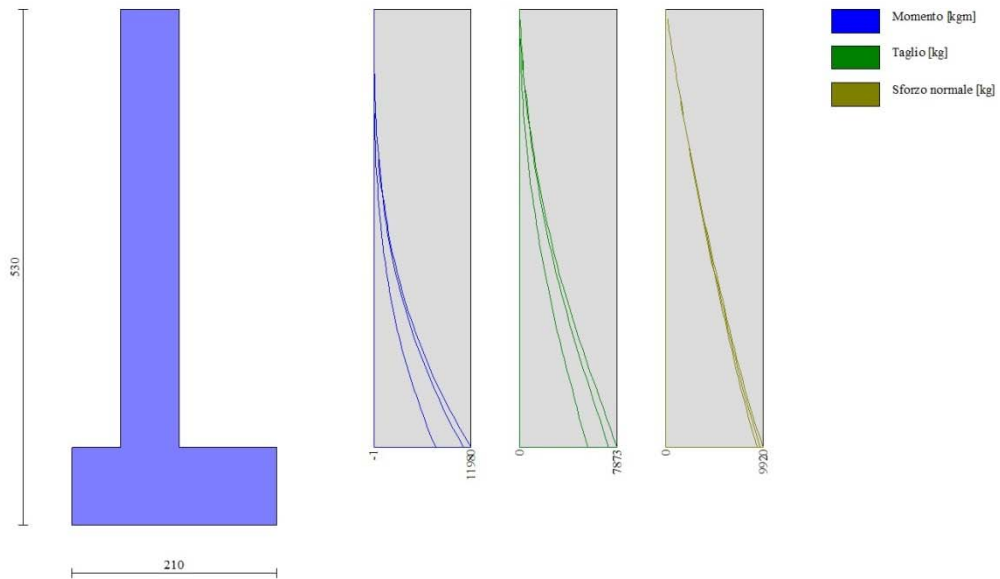


Fig. 4 - Paramento

Fondazione

n°	X	N _{min}	N _{max}	T _{min}	T _{max}	M _{min}	M _{max}
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	-1.10	0	0	0	0	0	0
2	-1.02	0	0	1384	3468	58	147
3	-0.93	0	0	2709	6602	229	569
4	-0.85	0	0	3976	9400	508	1238
5	-0.77	0	0	5186	11864	890	2126
6	-0.68	0	0	6337	13993	1371	3206
7	-0.60	0	0	7429	15787	1945	4449
8	0.00	0	0	-10500	-6333	-5250	-3865
9	0.10	0	0	-9450	-6077	-4253	-3244
10	0.20	0	0	-8400	-5737	-3360	-2652
11	0.30	0	0	-7350	-5313	-2573	-2099

PROGETTAZIONE ATI:

n°	X	N _{min}	N _{max}	T _{min}	T _{max}	M _{min}	M _{max}
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
12	0.40	0	0	-6300	-4806	-1890	-1592
13	0.50	0	0	-5250	-4214	-1313	-1141
14	0.60	0	0	-4200	-3539	-840	-752
15	0.70	0	0	-3150	-2780	-472	-436
16	0.80	0	0	-2100	-1937	-210	-199
17	0.90	0	0	-1050	-1010	-52	-51
18	1.00	0	0	0	0	0	0

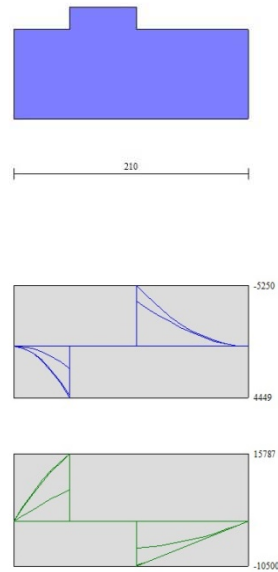


Fig. 5 - Fondazione

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	sfuerzo normale agente espressa in [kg]
Mu	momento ultimi espresso in [kgm]
Nu	sfuerzo normale ultimo espressa in [kg]
FS	fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

Paramento

n°	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	100	60	12.57	18.85	0	0	0	0	100000.000
2	100	60	12.57	18.85	1	151	4595	689754	4553.727
3	100	60	12.57	18.85	4	306	10125	689754	2254.977
4	100	60	12.57	18.85	11	463	16574	689754	1489.079

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]	
5	100	60	12.57	18.85	22	623	23909	689754	1106.384
6	100	60	12.57	18.85	37	787	31224	671088	853.196
7	100	60	12.57	18.85	57	953	38084	639142	670.942
8	100	60	12.57	18.85	83	1122	44794	606885	541.106
9	100	60	12.57	18.85	115	1293	51163	573776	443.603
10	100	60	12.57	18.85	155	1468	57048	540059	367.827
11	100	60	12.57	18.85	203	1646	62446	506973	308.011
12	100	60	12.57	18.85	259	1827	67265	474482	259.764
13	100	60	12.57	18.85	324	2010	71516	443164	220.465
14	100	60	12.57	18.85	400	2197	75328	413930	188.441
15	100	60	12.57	18.85	486	2386	78597	386116	161.827
16	100	60	12.57	18.85	583	2578	81549	360709	139.902
17	100	60	12.57	18.85	692	2774	83507	334665	120.665
18	100	60	12.57	18.85	814	2972	84998	310365	104.442
19	100	60	12.57	18.85	949	3173	84640	283001	89.199
20	100	60	12.57	18.85	1098	3377	83569	257014	76.115
21	100	60	12.57	18.85	1262	3584	82131	233289	65.100
22	100	60	12.57	18.85	1441	3793	80162	211076	55.644
23	100	60	12.57	18.85	1636	4006	78365	191936	47.911
24	100	60	12.57	18.85	1847	4222	76072	173849	41.180
25	100	60	12.57	18.85	2076	4440	74121	158508	35.698
26	100	60	12.57	18.85	2323	4662	72043	144548	31.007
27	100	60	12.57	18.85	2589	4886	70066	132223	27.061
28	100	60	12.57	18.85	2874	5113	68365	121621	23.785
29	100	60	12.57	18.85	3180	5344	66719	112130	20.984
30	100	60	12.57	18.85	3506	5577	65012	103426	18.546
31	100	60	12.57	18.85	3853	5813	63525	95841	16.488
32	100	60	12.57	18.85	4222	6052	62218	89177	14.736
33	100	60	12.57	18.85	4615	6294	61062	83283	13.233
34	100	60	12.57	18.85	5030	6539	59842	77787	11.897
35	100	60	12.57	18.85	5470	6786	58602	72705	10.714
36	100	60	12.57	18.85	5934	7037	57497	68179	9.689
37	100	60	12.57	18.85	6424	7290	56508	64125	8.796
38	100	60	12.57	18.85	6941	7547	55618	60476	8.013
39	100	60	12.57	18.85	7484	7806	54812	57176	7.324
40	100	60	25.13	37.70	8054	8069	103328	103515	12.829
41	100	60	12.57	18.85	8653	8334	53414	51446	6.173
42	100	60	12.57	18.85	9267	8640	52895	49318	5.708
43	100	60	12.57	18.85	9905	8954	52425	47393	5.293
44	100	60	12.57	18.85	10569	9272	51989	45609	4.919
45	100	60	12.57	18.85	11261	9594	51585	43949	4.581
46	100	60	12.57	18.85	11980	9920	51207	42402	4.274

Fondazione

n°	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	100	80	18.85	18.85	0	0	0	0	100000.000
2	100	80	18.85	18.85	147	0	55709	0	379.384
3	100	80	18.85	18.85	569	0	55709	0	97.949
4	100	80	18.85	18.85	1238	0	55709	0	45.005
5	100	80	18.85	18.85	2126	0	55709	0	26.201
6	100	80	18.85	18.85	3206	0	55709	0	17.377
7	100	80	18.85	18.85	4449	0	55709	0	12.522
8	100	80	18.85	18.85	-5250	0	-55709	0	10.611
9	100	80	18.85	18.85	-4253	0	-55709	0	13.100
10	100	80	18.85	18.85	-3360	0	-55709	0	16.580
11	100	80	18.85	18.85	-2573	0	-55709	0	21.656
12	100	80	18.85	18.85	-1890	0	-55709	0	29.476
13	100	80	18.85	18.85	-1313	0	-55709	0	42.445
14	100	80	18.85	18.85	-840	0	-55709	0	66.321
15	100	80	18.85	18.85	-472	0	-55709	0	117.903
16	100	80	18.85	18.85	-210	0	-55709	0	265.282
17	100	80	18.85	18.85	-52	0	-55709	0	1061.129
18	100	80	18.85	18.85	0	0	0	0	100000.000

PROGETTAZIONE ATI:

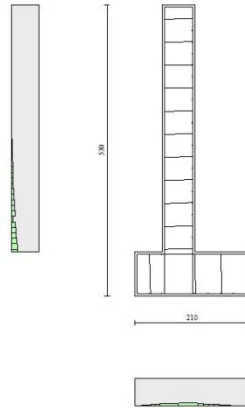


Fig. 6 - Paramento (Inviluppo)

Verifiche a taglio

Simbologia adottata

I_s	indice sezione
Y	ordinata sezione espressa in [m]
B	larghezza sezione espressa in [cm]
H	altezza sezione espressa in [cm]
A_{sw}	area ferri a taglio espresso in [cmq]
$\cot\theta$	inclinazione delle bielle compresse, θ 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} [cmq]	$\cot\theta$	V_{Rcd} [kg]	V_{Rsd} [kg]	V_{Rd} [kg]	T [kg]	FS
1	100	60	0.00	--	0	0	25040	0	100.000
2	100	60	0.00	--	0	0	25061	30	831.613
3	100	60	0.00	--	0	0	25083	67	373.887
4	100	60	0.00	--	0	0	25106	111	226.580
5	100	60	0.00	--	0	0	25129	161	155.858
6	100	60	0.00	--	0	0	25152	218	115.170
7	100	60	0.00	--	0	0	25176	282	89.176
8	100	60	0.00	--	0	0	25200	353	71.387
9	100	60	0.00	--	0	0	25224	430	58.599
10	100	60	0.00	--	0	0	25249	515	49.059
11	100	60	0.00	--	0	0	25274	606	41.732
12	100	60	0.00	--	0	0	25300	703	35.969
13	100	60	0.00	--	0	0	25326	808	31.349
14	100	60	0.00	--	0	0	25353	919	27.583
15	100	60	0.00	--	0	0	25380	1037	24.470
16	100	60	0.00	--	0	0	25407	1162	21.866
17	100	60	0.00	--	0	0	25435	1294	19.663
18	100	60	0.00	--	0	0	25463	1432	17.784
19	100	60	0.00	--	0	0	25492	1577	16.166
20	100	60	0.00	--	0	0	25521	1729	14.763
21	100	60	0.00	--	0	0	25551	1887	13.538
22	100	60	0.00	--	0	0	25580	2053	12.462
23	100	60	0.00	--	0	0	25611	2225	11.511
24	100	60	0.00	--	0	0	25641	2404	10.667
25	100	60	0.00	--	0	0	25673	2589	9.914
26	100	60	0.00	--	0	0	25704	2782	9.240
27	100	60	0.00	--	0	0	25736	2981	8.633
28	100	60	0.00	--	0	0	25769	3187	8.086
29	100	60	0.00	--	0	0	25801	3400	7.589
30	100	60	0.00	--	0	0	25835	3619	7.138

PROGETTAZIONE ATI:

n°	B [cm]	H [cm]	A _{sw} [cmq]	cotθ	V _{Rcd} [kg]	V _{Rsd} [kg]	V _{Rd} [kg]	T [kg]	FS
31	100	60	0.00	--	0	0	25868	3845	6.727
32	100	60	0.00	--	0	0	25902	4078	6.351
33	100	60	0.00	--	0	0	25937	4318	6.006
34	100	60	0.00	--	0	0	25972	4565	5.690
35	100	60	0.00	--	0	0	26007	4818	5.398
36	100	60	0.00	--	0	0	26043	5078	5.128
37	100	60	0.00	--	0	0	26079	5345	4.879
38	100	60	0.00	--	0	0	26115	5618	4.648
39	100	60	0.00	--	0	0	26152	5899	4.434
40	100	60	0.00	--	0	0	32698	6186	5.286
41	100	60	0.00	--	0	0	26227	6480	4.048
42	100	60	0.00	--	0	0	26271	6749	3.893
43	100	60	0.00	--	0	0	26316	7020	3.749
44	100	60	0.00	--	0	0	26361	7298	3.612
45	100	60	0.00	--	0	0	26407	7582	3.483
46	100	60	0.00	--	0	0	26454	7873	3.360

Fondazione

n°	B [cm]	H [cm]	A _{sw} [cmq]	cotθ	V _{Rcd} [kg]	V _{Rsd} [kg]	V _{Rd} [kg]	T [kg]	FS
1	100	80	0.00	--	0	0	30828	0	100.000
2	100	80	0.00	--	0	0	30828	-3468	8.888
3	100	80	0.00	--	0	0	30828	-6602	4.670
4	100	80	0.00	--	0	0	30828	-9400	3.279
5	100	80	0.00	--	0	0	30828	-11864	2.598
6	100	80	0.00	--	0	0	30828	-13993	2.203
7	100	80	0.00	--	0	0	30828	-15787	1.953
8	100	80	0.00	--	0	0	30828	-10500	2.936
9	100	80	0.00	--	0	0	30828	-9450	3.262
10	100	80	0.00	--	0	0	30828	-8400	3.670
11	100	80	0.00	--	0	0	30828	-7350	4.194
12	100	80	0.00	--	0	0	30828	-6300	4.893
13	100	80	0.00	--	0	0	30828	-5250	5.872
14	100	80	0.00	--	0	0	30828	-4200	7.340
15	100	80	0.00	--	0	0	30828	-3150	9.787
16	100	80	0.00	--	0	0	30828	-2100	14.680
17	100	80	0.00	--	0	0	30828	-1050	29.360
18	100	80	0.00	--	0	0	30828	0	100.000

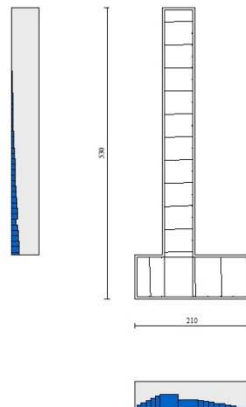


Fig. 7 - Paramento (Inviluppo)

PROGETTAZIONE ATI:

13. 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	6.00	[m]
Profondità di infissione	12.00	[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 ³]

N°	Y	Tipo	B	H	A	W
	[m]		[cm]	[cm]	[cmq]	[cm ³]
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 [°]

Profilo di monte

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

PROGETTAZIONE ATI:

Profilo di valle

N°	X	Y	A
	[m]	[m]	[°]
1	-10.00	-6.00	0.00
2	0.00	-6.00	0.00

Descrizione terreni

Simbologia adottata

n°	numero d'ordine
Descrizione	Descrizione del terreno
γ	peso di volume del terreno espresso in [kg/mc]
γ_{sat}	peso di volume saturo del terreno espresso [kg/mc]
ϕ	angolo d'attrito interno del terreno espresso in [°]
δ	angolo d'attrito terreno/paratia espresso in [°]
c	coesione del terreno espressa in [kg/cm ^q]

N°	Descrizione	γ	γ_{sat}	ϕ	δ	c
		[kg/mc]	[kg/mc]	[°]	[°]	[kg/cm ^q]
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 ² /cm
α	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	α_M	α_V	Kw _M	Kw _V	Terreno M	Terreno V
	[m]	[°]	[°]	[kg/cm ^q /cm]	[kg/cm ^q /cm]		
1	5.00	0.00	0.00	1.08	1.08	Rilevato stradale	Rilevato stradale
2	2.00	0.00	0.00	2.47	2.47	Unita 1	Unita 1
3	2.00	0.00	0.00	2.68	2.68	Unita 2	Unita 2
4	10.00	0.00	0.00	4.58	4.58	Unita 3	Unita 3

Caratteristiche materiali utilizzati

Simbologia adottata

γ_{cls}	Peso specifico cls, espresso in [kg/mc]
Classe cls	Classe di appartenenza del calcestruzzo
Rck	Rigidità cubica caratteristica, espressa in [kg/cm ^q]
E	Modulo elastico, espresso in [kg/cm ^q]
Acciaio	Tipo di acciaio
n	Coeff. di omogeneizzazione acciaio-calcestruzzo

Descrizione	γ_{cls}	Classe cls	Rck	E	Acciaio	n
	[kg/mc]		[kg/cm ^q]	[kg/cm ^q]		
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

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 _i , Q _f	Intensità dei carichi distribuiti sul profilo espresse in [kg/mq]
V _i , V _s	Intensità dei carichi distribuiti sulla paratia espresse in [kg/mq], positivi da monte verso valle

PROGETTAZIONE ATI:

R Risultante carico distribuito sulla paratia espressa in [kg]

Condizione n° 1 - Variabile da traffico - Traffico (I_g=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	γ	Ψ
Spinta terreno	SFAV	1.30	
Traffico	SFAV	1.35	1.00

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

Condizione	Fav/Sfav	γ	Ψ
Spinta terreno	SFAV	1.00	
Traffico	SFAV	1.15	1.00

Combinazione n° 3 - SLE - Rara

Condizione	Fav/Sfav	γ	Ψ
Spinta terreno	SFAV	1.00	
Traffico	SFAV	1.00	1.00

Combinazione n° 4 - SLE - Frequente

Condizione	Fav/Sfav	γ	Ψ
Spinta terreno	SFAV	1.00	
Traffico	SFAV	1.00	1.00

Combinazione n° 5 - SLE - Quasi permanente

Condizione	Fav/Sfav	γ	Ψ
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	γ_{Gfav}	1.00	1.00	1.00	1.00
Permanenti	Sfavorevole	γ_{Gsfav}	1.30	1.00	1.00	1.00
Permanenti ns	Favorevole	γ_{Gfav}	0.80	0.80	0.00	0.00
Permanenti ns	Sfavorevole	γ_{Gsfav}	1.50	1.30	1.00	1.00
Variabili	Favorevole	γ_{Qfav}	0.00	0.00	0.00	0.00
Variabili	Sfavorevole	γ_{Qsfav}	1.50	1.30	1.00	1.00
Variabili da traffico	Favorevole	γ_{Qfav}	0.00	0.00	0.00	0.00
Variabili da traffico	Sfavorevole	γ_{Qsfav}	1.35	1.15	1.00	1.00

Coefficienti parziali per i parametri geotecnici del terreno:

PROGETTAZIONE ATI:

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	γ_c	1.00	1.25	1.00	1.00
Resistenza non drenata	γ_{cu}	1.00	1.40	1.00	1.00
Resistenza a compressione uniassiale	γ_{ou}	1.00	1.60	1.00	1.00
Peso dell'unità di volume	γ_γ	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]
α_c	coefficiente maggiorativo, funzione di f_{cd} e σ_{cp}
σ_{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 δ (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)

Stabilità globale: Metodo di Fellenius

PROGETTAZIONE ATI:

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 120 elementi fuori terra e 240 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 incrementi di carico.

Altezza fuori terra della paratia	6.00	[m]
Profondità di infissione	12.00	[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 [kg]	Y _{Pa} [m]	Is [kg]	Y _{Is} [m]	Pw [kg]	Y _{Pw} [m]	Pp [kg]	Y _{Pp} [m]	Pc [kg]	Y _{Pc} [m]
1	SLU - STR	13843	4.05	--	--	--	--	-23770	8.83	9926	15.49
2	SLU - GEO	14794	4.13	--	--	--	--	-28216	9.75	13423	15.94
3	SLE - Rara	10400	4.02	--	--	--	--	-17739	8.75	7339	15.45
4	SLE - Frequente	10400	4.02	--	--	--	--	-17739	8.75	7339	15.45
5	SLE - Quasi permanente	10400	4.02	--	--	--	--	-17739	8.75	7339	15.45

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 [kg]	Y _{Rc} [m]	Rt [kg]	Y _{Rt} [m]	Rv [kg]	Y _{Rv} [m]	Rp [kg]	Y _{Rp} [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 _{NUL}	Punto di nullo del diagramma, espresso in [m]
P _{INV}	Punto di inversione del diagramma, espresso in [m]
C _{ROT}	Punto Centro di rotazione, espresso in [m]
MP	Percentuale molle plasticizzate, espressa in [%]
R/R _{MAX}	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 _{NUL} [m]	P _{INV} [m]	C _{ROT} [m]	MP [%]	R/R _{MAX} [%]	Pd [m]
1	SLU - STR	6.42	9.05	12.04	16.18	4.83	---
2	SLU - GEO	6.79	9.70	12.75	31.12	10.43	---
3	SLE - Rara	6.37	7.85	11.99	15.35	4.58	---
4	SLE - Frequente	6.37	7.85	11.99	15.35	4.58	---
5	SLE - Quasi permanente	6.37	7.85	11.99	15.35	4.58	---

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 _M	T	Y _T	N	Y _N	
		[kgm]	[m]	[kg]	[m]	[kg]	[m]	
1	SLU - STR	54738	9.10	13843	6.40	35626	18.00	MAX
		0	18.00	-9926	12.00	0	0.00	MIN
2	SLU - GEO	70794	9.80	14793	6.75	35626	18.00	MAX
		0	0.00	-13423	12.70	0	0.00	MIN
3	SLE - Rara	40572	9.05	10400	6.35	35626	18.00	MAX
		0	0.00	-7339	11.95	0	0.00	MIN
4	SLE - Frequente	40572	9.05	10400	6.35	35626	18.00	MAX
		0	0.00	-7339	11.95	0	0.00	MIN
5	SLE - Quasi permanente	40572	9.05	10400	6.35	35626	18.00	MAX
		0	0.00	-7339	11.95	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 _U	V	Y _V	
		[cm]	[m]	[cm]	[m]	
1	SLU - STR	1.6113	0.00	0.0132	0.00	MAX
		-0.0448	16.30	0.0000	0.00	MIN
2	SLU - GEO	2.2947	0.00	0.0132	0.00	MAX
		-0.0822	18.00	0.0000	0.00	MIN
3	SLE - Rara	1.1881	0.00	0.0132	0.00	MAX
		-0.0327	16.10	0.0000	0.00	MIN
4	SLE - Frequente	1.1881	0.00	0.0132	0.00	MAX
		-0.0327	16.10	0.0000	0.00	MIN
5	SLE - Quasi permanente	1.1881	0.00	0.0132	0.00	MAX
		-0.0327	16.10	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	1.6113
2	SLU - GEO	0.0000	2.2947
3	SLE - Rara	0.0000	1.1881
4	SLE - Frequente	0.0000	1.1881
5	SLE - Quasi permanente	0.0000	1.1881

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_{RIB} Fattore di sicurezza a ribaltamento
FS_{SCO} 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 _{RIB}	FS _{SCO}
		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]		
2	SLU - GEO	120686 11.96	345291 14.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	713820	1380930	1.935	2.922

Stabilità globale

Simbologia adottata

n° Indice della combinazione/fase
Tipo Tipo della combinazione/fase
(X_c; Y_c) Coordinate centro cerchio superficie di scorrimento, espresse in [m]
R Raggio cerchio superficie di scorrimento, espresso in [m]
(X_v; Y_v) Coordinate intersezione del cerchio con il pendio a valle, espresse in [m]
(X_m; Y_m) 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 _c , Y _c	R	X _v , Y _v	X _m , Y _m	FS	R
		[m]	[m]	[m]	[m]		
2	SLU - GEO	-3.60; 0.00	18.36	-20.96; -5.98	14.76; 0.00	3.027	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/cm²]
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/cm²]
C_{tn}, C_{tt} 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 _i	α	L	φ	c	u	(C _{tn} ; C _{tt})
	[kg]	[°]	[m]	[°]	[kg/cm ²]	[kg/cm ²]	[kg]
1	1071.40	-68.08	1.87	26.13	0.020	0.000	(0; 0)
2	3103.35	-62.77	1.53	24.35	0.020	0.000	(0; 0)
3	4777.52	-58.31	1.33	23.04	0.080	0.000	(0; 0)
4	6212.04	-54.37	1.20	23.04	0.080	0.000	(0; 0)
5	7458.54	-50.77	1.10	23.04	0.080	0.000	(0; 0)
6	8559.34	-47.44	1.03	23.04	0.080	0.000	(0; 0)
7	9541.66	-44.30	0.98	23.04	0.080	0.000	(0; 0)
8	10424.29	-41.32	0.93	23.04	0.080	0.000	(0; 0)
9	11220.80	-38.48	0.89	23.04	0.080	0.000	(0; 0)
10	11941.41	-35.74	0.86	23.04	0.080	0.000	(0; 0)
11	12593.98	-33.10	0.83	23.04	0.080	0.000	(0; 0)
12	13184.73	-30.53	0.81	23.04	0.080	0.000	(0; 0)
13	13718.64	-28.03	0.79	23.04	0.080	0.000	(0; 0)
14	14199.77	-25.59	0.77	23.04	0.080	0.000	(0; 0)

PROGETTAZIONE ATI:

N°	W _i [kg]	α [°]	L [m]	φ [°]	c [kg/cmq]	u [kg/cmq]	(Ctn; Ctt) [kg]
15	14631.42	-23.19	0.76	23.04	0.080	0.000	(0; 0)
16	15016.36	-20.84	0.75	23.04	0.080	0.000	(0; 0)
17	15356.87	-18.52	0.74	23.04	0.080	0.000	(0; 0)
18	15654.84	-16.24	0.73	23.04	0.080	0.000	(0; 0)
19	15911.84	-13.98	0.72	23.04	0.080	0.000	(0; 0)
20	16129.16	-11.74	0.71	23.04	0.080	0.000	(0; 0)
21	16307.85	-9.52	0.71	23.04	0.080	0.000	(0; 0)
22	16448.76	-7.32	0.70	23.04	0.080	0.000	(0; 0)
23	16552.52	-5.12	0.70	23.04	0.080	0.000	(0; 0)
24	16619.59	-2.94	0.70	23.04	0.080	0.000	(0; 0)
25	16650.28	-0.76	0.70	23.04	0.080	0.000	(0; 0)
26	16644.72	1.43	0.70	23.04	0.080	0.000	(0; 0)
27	16602.88	3.61	0.70	23.04	0.080	0.000	(0; 0)
28	16524.57	5.80	0.70	23.04	0.080	0.000	(0; 0)
29	16409.47	7.99	0.71	23.04	0.080	0.000	(0; 0)
30	16257.03	10.20	0.71	23.04	0.080	0.000	(0; 0)
31	24101.50	12.43	0.72	23.04	0.080	0.000	(0; 0)
32	24801.52	14.69	0.73	23.04	0.080	0.000	(0; 0)
33	25212.21	16.97	0.73	23.04	0.080	0.000	(0; 0)
34	24896.91	19.28	0.74	23.04	0.080	0.000	(0; 0)
35	24537.70	21.62	0.76	23.04	0.080	0.000	(0; 0)
36	24132.54	24.00	0.77	23.04	0.080	0.000	(0; 0)
37	23678.94	26.43	0.78	23.04	0.080	0.000	(0; 0)
38	23173.89	28.90	0.80	23.04	0.080	0.000	(0; 0)
39	22613.74	31.44	0.82	23.04	0.080	0.000	(0; 0)
40	21994.05	34.05	0.85	23.04	0.080	0.000	(0; 0)
41	21309.29	36.74	0.88	23.04	0.080	0.000	(0; 0)
42	20552.55	39.53	0.91	23.04	0.080	0.000	(0; 0)
43	19714.96	42.44	0.95	23.04	0.080	0.000	(0; 0)
44	18784.92	45.49	1.00	23.04	0.080	0.000	(0; 0)
45	16503.98	48.72	1.07	23.04	0.080	0.000	(0; 0)
46	14962.18	52.17	1.15	23.04	0.080	0.000	(0; 0)
47	13630.67	55.92	1.25	23.04	0.080	0.000	(0; 0)
48	12085.89	60.07	1.41	23.70	0.050	0.000	(0; 0)
49	10263.45	64.85	1.65	24.35	0.020	0.000	(0; 0)
50	7987.53	70.76	2.13	27.90	0.020	0.000	(0; 0)
51	3358.00	82.05	5.08	29.26	0.000	0.000	(0; 0)

Resistenza a taglio paratia = 0.00 [kg]

$\Sigma W_i = 784022.06$ [kg]

$\Sigma W_i \sin \alpha_i = 105287.99$ [kg]

$\Sigma W_i \cos \alpha_i \tan \phi_i = 286275.30$ [kg]

$\Sigma c_i b_i / \cos \alpha_i = 32449.90$ [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 _r	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 _u	momento ultimo di riferimento espresso in [kgm]
N _u	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 _r [cmq]	M [kgm]	N [kg]	M _u [kgm]	N _u [kg]	FS
2 - SLU - GEO	9.70	72.38	101091	27426	146939	39865	1.454

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_{sw} area dell'armatura trasversale, espressa in [cmq]
 s interasse tra due armature trasversali consecutive, espressa in [cm]
 V_{Ed} taglio agente sul palo, espresso in [kg]
 V_{Rd} taglio resistente, espresso in [kg]
 FS coefficiente di sicurezza (rapporto tra V_{Rd}/ V_{Ed})

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

n° - Tipo	Y	A _{sw}	s	V _{Ed}	V _{Rd}	FS
	[m]	[cmq]	[cm]	[kg]	[kg]	
2 - SLU - GEO	6.75	2.26	14.00	21134	139868	6.618

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_c tensione nel calcestruzzo espressa in [kg/cmq]
 σ_f tensione nell'acciaio espressa in [kg/cmq]

A _f	σ _c	cmb	σ _f	cmb
[cmq]	[kg/cmq]		[kg/cmq]	
72.38	62.46	5	2007.73	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_f Momento prima fessurazione, espresso in [kgm]
 s Distanza media tra le fessure, espressa in [mm]
 ε_{sm} Deformazione nelle fessure, espressa in [%]
 W_{lim} Apertura limite fessure, espressa in [mm]
 W_k Ampiezza fessure, espressa in [mm]

Oggetto	n° - Tipo	Y	M	M _f	s	ε _{sm}	W _{lim}	W _k
		[m]	[kgm]	[kgm]	[mm]	[%]	[mm]	[mm]
Paratia	5 - SLE - Quasi permanente	8.85	57838	37226	320.483	0.0670	0.300	0.365

Verifica sezione cordoli

Simbologia adottata

M_h momento flettente espresso in [kgm] nel piano orizzontale
 T_h taglio espresso in [kg] nel piano orizzontale
 M_v momento flettente espresso in [kgm] nel piano verticale
 T_v 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 _{rv} =44.23 [cmq]	A _{rh} =40.21 [cmq]	Staffe φ10/7	Nbh=2 - Nbv=2
M _h =28996 [kgm]	M _{uh} =226248 [kgm]	FS=7.80	
T _h =57991 [kg]	T _{Rh} =110401 [kg]	FS _T =1.90	
M _v =3430 [kgm]	M _{uv} =157205 [kgm]	FS=45.83	
T _v =4900 [kg]	T _{Rv} =78167 [kg]	FS _{Tv} =15.95	

PROGETTAZIONE ATI:

14. ALLEGATO – DATI DI OUTPUT DEL MODELLO DI CALCOLO

PROGETTAZIONE ATI:

Table: Area Loads - Gravity

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
38	Q_sisma	GLOBAL	0.47	0.	0.
39	Q_sisma	GLOBAL	0.47	0.	0.
40	Q_sisma	GLOBAL	0.47	0.	0.
41	Q_sisma	GLOBAL	0.47	0.	0.
42	Q_sisma	GLOBAL	0.47	0.	0.
43	Q_sisma	GLOBAL	0.47	0.	0.
44	Q_sisma	GLOBAL	0.47	0.	0.
45	Q_sisma	GLOBAL	0.47	0.	0.
54	Q_sisma	GLOBAL	0.47	0.	0.
55	Q_sisma	GLOBAL	0.47	0.	0.
56	Q_sisma	GLOBAL	0.47	0.	0.
57	Q_sisma	GLOBAL	0.47	0.	0.
58	Q_sisma	GLOBAL	0.47	0.	0.
59	Q_sisma	GLOBAL	0.47	0.	0.
60	Q_sisma	GLOBAL	0.47	0.	0.
61	Q_sisma	GLOBAL	0.47	0.	0.
70	Q_sisma	GLOBAL	0.47	0.	0.
71	Q_sisma	GLOBAL	0.47	0.	0.
72	Q_sisma	GLOBAL	0.47	0.	0.
73	Q_sisma	GLOBAL	0.47	0.	0.
74	Q_sisma	GLOBAL	0.47	0.	0.
75	Q_sisma	GLOBAL	0.47	0.	0.
76	Q_sisma	GLOBAL	0.47	0.	0.
77	Q_sisma	GLOBAL	0.47	0.	0.
86	Q_sisma	GLOBAL	0.47	0.	0.
87	Q_sisma	GLOBAL	0.47	0.	0.
88	Q_sisma	GLOBAL	0.47	0.	0.
89	Q_sisma	GLOBAL	0.47	0.	0.
90	Q_sisma	GLOBAL	0.47	0.	0.
91	Q_sisma	GLOBAL	0.47	0.	0.
92	Q_sisma	GLOBAL	0.47	0.	0.
93	Q_sisma	GLOBAL	0.47	0.	0.
102	Q_sisma	GLOBAL	0.47	0.	0.
103	Q_sisma	GLOBAL	0.47	0.	0.
104	Q_sisma	GLOBAL	0.47	0.	0.
105	Q_sisma	GLOBAL	0.47	0.	0.
106	Q_sisma	GLOBAL	0.47	0.	0.
107	Q_sisma	GLOBAL	0.47	0.	0.
108	Q_sisma	GLOBAL	0.47	0.	0.
109	Q_sisma	GLOBAL	0.47	0.	0.
118	Q_sisma	GLOBAL	0.47	0.	0.
119	Q_sisma	GLOBAL	0.47	0.	0.
120	Q_sisma	GLOBAL	0.47	0.	0.
121	Q_sisma	GLOBAL	0.47	0.	0.
122	Q_sisma	GLOBAL	0.47	0.	0.
123	Q_sisma	GLOBAL	0.47	0.	0.
124	Q_sisma	GLOBAL	0.47	0.	0.
125	Q_sisma	GLOBAL	0.47	0.	0.
134	Q_sisma	GLOBAL	0.47	0.	0.
135	Q_sisma	GLOBAL	0.47	0.	0.
136	Q_sisma	GLOBAL	0.47	0.	0.
137	Q_sisma	GLOBAL	0.47	0.	0.
138	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
139	Q_sisma	GLOBAL	0.47	0.	0.
140	Q_sisma	GLOBAL	0.47	0.	0.
141	Q_sisma	GLOBAL	0.47	0.	0.
150	Q_sisma	GLOBAL	0.47	0.	0.
151	Q_sisma	GLOBAL	0.47	0.	0.
152	Q_sisma	GLOBAL	0.47	0.	0.
153	Q_sisma	GLOBAL	0.47	0.	0.
154	Q_sisma	GLOBAL	0.47	0.	0.
155	Q_sisma	GLOBAL	0.47	0.	0.
156	Q_sisma	GLOBAL	0.47	0.	0.
157	Q_sisma	GLOBAL	0.47	0.	0.
166	Q_sisma	GLOBAL	0.47	0.	0.
167	Q_sisma	GLOBAL	0.47	0.	0.
168	Q_sisma	GLOBAL	0.47	0.	0.
169	Q_sisma	GLOBAL	0.47	0.	0.
170	Q_sisma	GLOBAL	0.47	0.	0.
171	Q_sisma	GLOBAL	0.47	0.	0.
172	Q_sisma	GLOBAL	0.47	0.	0.
173	Q_sisma	GLOBAL	0.47	0.	0.
182	Q_sisma	GLOBAL	0.47	0.	0.
183	Q_sisma	GLOBAL	0.47	0.	0.
184	Q_sisma	GLOBAL	0.47	0.	0.
185	Q_sisma	GLOBAL	0.47	0.	0.
186	Q_sisma	GLOBAL	0.47	0.	0.
187	Q_sisma	GLOBAL	0.47	0.	0.
188	Q_sisma	GLOBAL	0.47	0.	0.
189	Q_sisma	GLOBAL	0.47	0.	0.
198	Q_sisma	GLOBAL	0.47	0.	0.
199	Q_sisma	GLOBAL	0.47	0.	0.
200	Q_sisma	GLOBAL	0.47	0.	0.
201	Q_sisma	GLOBAL	0.47	0.	0.
202	Q_sisma	GLOBAL	0.47	0.	0.
203	Q_sisma	GLOBAL	0.47	0.	0.
204	Q_sisma	GLOBAL	0.47	0.	0.
205	Q_sisma	GLOBAL	0.47	0.	0.
214	Q_sisma	GLOBAL	0.47	0.	0.
215	Q_sisma	GLOBAL	0.47	0.	0.
216	Q_sisma	GLOBAL	0.47	0.	0.
217	Q_sisma	GLOBAL	0.47	0.	0.
218	Q_sisma	GLOBAL	0.47	0.	0.
219	Q_sisma	GLOBAL	0.47	0.	0.
220	Q_sisma	GLOBAL	0.47	0.	0.
221	Q_sisma	GLOBAL	0.47	0.	0.
231	Q_sisma	GLOBAL	0.47	0.	0.
232	Q_sisma	GLOBAL	0.47	0.	0.
233	Q_sisma	GLOBAL	0.47	0.	0.
234	Q_sisma	GLOBAL	0.47	0.	0.
235	Q_sisma	GLOBAL	0.47	0.	0.
236	Q_sisma	GLOBAL	0.47	0.	0.
237	Q_sisma	GLOBAL	0.47	0.	0.
238	Q_sisma	GLOBAL	0.47	0.	0.
247	Q_sisma	GLOBAL	0.47	0.	0.
248	Q_sisma	GLOBAL	0.47	0.	0.
249	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
250	Q_sisma	GLOBAL	0.47	0.	0.
251	Q_sisma	GLOBAL	0.47	0.	0.
252	Q_sisma	GLOBAL	0.47	0.	0.
253	Q_sisma	GLOBAL	0.47	0.	0.
254	Q_sisma	GLOBAL	0.47	0.	0.
18	Q_sisma	GLOBAL	0.47	0.	0.
19	Q_sisma	GLOBAL	0.47	0.	0.
20	Q_sisma	GLOBAL	0.47	0.	0.
21	Q_sisma	GLOBAL	0.47	0.	0.
22	Q_sisma	GLOBAL	0.47	0.	0.
23	Q_sisma	GLOBAL	0.47	0.	0.
24	Q_sisma	GLOBAL	0.47	0.	0.
25	Q_sisma	GLOBAL	0.47	0.	0.
26	Q_sisma	GLOBAL	0.47	0.	0.
27	Q_sisma	GLOBAL	0.47	0.	0.
28	Q_sisma	GLOBAL	0.47	0.	0.
29	Q_sisma	GLOBAL	0.47	0.	0.
30	Q_sisma	GLOBAL	0.47	0.	0.
31	Q_sisma	GLOBAL	0.47	0.	0.
32	Q_sisma	GLOBAL	0.47	0.	0.
33	Q_sisma	GLOBAL	0.47	0.	0.
34	Q_sisma	GLOBAL	0.47	0.	0.
35	Q_sisma	GLOBAL	0.47	0.	0.
36	Q_sisma	GLOBAL	0.47	0.	0.
37	Q_sisma	GLOBAL	0.47	0.	0.
46	Q_sisma	GLOBAL	0.47	0.	0.
47	Q_sisma	GLOBAL	0.47	0.	0.
48	Q_sisma	GLOBAL	0.47	0.	0.
49	Q_sisma	GLOBAL	0.47	0.	0.
50	Q_sisma	GLOBAL	0.47	0.	0.
51	Q_sisma	GLOBAL	0.47	0.	0.
52	Q_sisma	GLOBAL	0.47	0.	0.
53	Q_sisma	GLOBAL	0.47	0.	0.
62	Q_sisma	GLOBAL	0.47	0.	0.
63	Q_sisma	GLOBAL	0.47	0.	0.
64	Q_sisma	GLOBAL	0.47	0.	0.
65	Q_sisma	GLOBAL	0.47	0.	0.
66	Q_sisma	GLOBAL	0.47	0.	0.
67	Q_sisma	GLOBAL	0.47	0.	0.
68	Q_sisma	GLOBAL	0.47	0.	0.
69	Q_sisma	GLOBAL	0.47	0.	0.
78	Q_sisma	GLOBAL	0.47	0.	0.
79	Q_sisma	GLOBAL	0.47	0.	0.
80	Q_sisma	GLOBAL	0.47	0.	0.
81	Q_sisma	GLOBAL	0.47	0.	0.
82	Q_sisma	GLOBAL	0.47	0.	0.
83	Q_sisma	GLOBAL	0.47	0.	0.
84	Q_sisma	GLOBAL	0.47	0.	0.
85	Q_sisma	GLOBAL	0.47	0.	0.
94	Q_sisma	GLOBAL	0.47	0.	0.
95	Q_sisma	GLOBAL	0.47	0.	0.
96	Q_sisma	GLOBAL	0.47	0.	0.
97	Q_sisma	GLOBAL	0.47	0.	0.
98	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
99	Q_sisma	GLOBAL	0.47	0.	0.
100	Q_sisma	GLOBAL	0.47	0.	0.
101	Q_sisma	GLOBAL	0.47	0.	0.
110	Q_sisma	GLOBAL	0.47	0.	0.
111	Q_sisma	GLOBAL	0.47	0.	0.
112	Q_sisma	GLOBAL	0.47	0.	0.
113	Q_sisma	GLOBAL	0.47	0.	0.
114	Q_sisma	GLOBAL	0.47	0.	0.
115	Q_sisma	GLOBAL	0.47	0.	0.
116	Q_sisma	GLOBAL	0.47	0.	0.
117	Q_sisma	GLOBAL	0.47	0.	0.
126	Q_sisma	GLOBAL	0.47	0.	0.
127	Q_sisma	GLOBAL	0.47	0.	0.
128	Q_sisma	GLOBAL	0.47	0.	0.
129	Q_sisma	GLOBAL	0.47	0.	0.
130	Q_sisma	GLOBAL	0.47	0.	0.
131	Q_sisma	GLOBAL	0.47	0.	0.
132	Q_sisma	GLOBAL	0.47	0.	0.
133	Q_sisma	GLOBAL	0.47	0.	0.
142	Q_sisma	GLOBAL	0.47	0.	0.
143	Q_sisma	GLOBAL	0.47	0.	0.
144	Q_sisma	GLOBAL	0.47	0.	0.
145	Q_sisma	GLOBAL	0.47	0.	0.
146	Q_sisma	GLOBAL	0.47	0.	0.
147	Q_sisma	GLOBAL	0.47	0.	0.
148	Q_sisma	GLOBAL	0.47	0.	0.
149	Q_sisma	GLOBAL	0.47	0.	0.
158	Q_sisma	GLOBAL	0.47	0.	0.
159	Q_sisma	GLOBAL	0.47	0.	0.
160	Q_sisma	GLOBAL	0.47	0.	0.
161	Q_sisma	GLOBAL	0.47	0.	0.
162	Q_sisma	GLOBAL	0.47	0.	0.
163	Q_sisma	GLOBAL	0.47	0.	0.
164	Q_sisma	GLOBAL	0.47	0.	0.
165	Q_sisma	GLOBAL	0.47	0.	0.
180	Q_sisma	GLOBAL	0.47	0.	0.
181	Q_sisma	GLOBAL	0.47	0.	0.
190	Q_sisma	GLOBAL	0.47	0.	0.
191	Q_sisma	GLOBAL	0.47	0.	0.
192	Q_sisma	GLOBAL	0.47	0.	0.
193	Q_sisma	GLOBAL	0.47	0.	0.
194	Q_sisma	GLOBAL	0.47	0.	0.
195	Q_sisma	GLOBAL	0.47	0.	0.
196	Q_sisma	GLOBAL	0.47	0.	0.
197	Q_sisma	GLOBAL	0.47	0.	0.
206	Q_sisma	GLOBAL	0.47	0.	0.
207	Q_sisma	GLOBAL	0.47	0.	0.
208	Q_sisma	GLOBAL	0.47	0.	0.
209	Q_sisma	GLOBAL	0.47	0.	0.
210	Q_sisma	GLOBAL	0.47	0.	0.
211	Q_sisma	GLOBAL	0.47	0.	0.
212	Q_sisma	GLOBAL	0.47	0.	0.
213	Q_sisma	GLOBAL	0.47	0.	0.
222	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
223	Q_sisma	GLOBAL	0.47	0.	0.
224	Q_sisma	GLOBAL	0.47	0.	0.
225	Q_sisma	GLOBAL	0.47	0.	0.
226	Q_sisma	GLOBAL	0.47	0.	0.
227	Q_sisma	GLOBAL	0.47	0.	0.
228	Q_sisma	GLOBAL	0.47	0.	0.
229	Q_sisma	GLOBAL	0.47	0.	0.
230	Q_sisma	GLOBAL	0.47	0.	0.
239	Q_sisma	GLOBAL	0.47	0.	0.
240	Q_sisma	GLOBAL	0.47	0.	0.
241	Q_sisma	GLOBAL	0.47	0.	0.
242	Q_sisma	GLOBAL	0.47	0.	0.
243	Q_sisma	GLOBAL	0.47	0.	0.
244	Q_sisma	GLOBAL	0.47	0.	0.
245	Q_sisma	GLOBAL	0.47	0.	0.
246	Q_sisma	GLOBAL	0.47	0.	0.
255	Q_sisma	GLOBAL	0.47	0.	0.
256	Q_sisma	GLOBAL	0.47	0.	0.
257	Q_sisma	GLOBAL	0.47	0.	0.
258	Q_sisma	GLOBAL	0.47	0.	0.
259	Q_sisma	GLOBAL	0.47	0.	0.
260	Q_sisma	GLOBAL	0.47	0.	0.
261	Q_sisma	GLOBAL	0.47	0.	0.
262	Q_sisma	GLOBAL	0.47	0.	0.
263	Q_sisma	GLOBAL	0.47	0.	0.
264	Q_sisma	GLOBAL	0.47	0.	0.
265	Q_sisma	GLOBAL	0.47	0.	0.
266	Q_sisma	GLOBAL	0.47	0.	0.
267	Q_sisma	GLOBAL	0.47	0.	0.
268	Q_sisma	GLOBAL	0.47	0.	0.
269	Q_sisma	GLOBAL	0.47	0.	0.
270	Q_sisma	GLOBAL	0.47	0.	0.
271	Q_sisma	GLOBAL	0.47	0.	0.
272	Q_sisma	GLOBAL	0.47	0.	0.
273	Q_sisma	GLOBAL	0.47	0.	0.
274	Q_sisma	GLOBAL	0.47	0.	0.
275	Q_sisma	GLOBAL	0.47	0.	0.
276	Q_sisma	GLOBAL	0.47	0.	0.
277	Q_sisma	GLOBAL	0.47	0.	0.
278	Q_sisma	GLOBAL	0.47	0.	0.
279	Q_sisma	GLOBAL	0.47	0.	0.
280	Q_sisma	GLOBAL	0.47	0.	0.
281	Q_sisma	GLOBAL	0.47	0.	0.
282	Q_sisma	GLOBAL	0.47	0.	0.
283	Q_sisma	GLOBAL	0.47	0.	0.
284	Q_sisma	GLOBAL	0.47	0.	0.
285	Q_sisma	GLOBAL	0.47	0.	0.
286	Q_sisma	GLOBAL	0.47	0.	0.
287	Q_sisma	GLOBAL	0.47	0.	0.
288	Q_sisma	GLOBAL	0.47	0.	0.
289	Q_sisma	GLOBAL	0.47	0.	0.
290	Q_sisma	GLOBAL	0.47	0.	0.
291	Q_sisma	GLOBAL	0.47	0.	0.
292	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
293	Q_sisma	GLOBAL	0.47	0.	0.
294	Q_sisma	GLOBAL	0.47	0.	0.
295	Q_sisma	GLOBAL	0.47	0.	0.
296	Q_sisma	GLOBAL	0.47	0.	0.
297	Q_sisma	GLOBAL	0.47	0.	0.
298	Q_sisma	GLOBAL	0.47	0.	0.
299	Q_sisma	GLOBAL	0.47	0.	0.
300	Q_sisma	GLOBAL	0.47	0.	0.
301	Q_sisma	GLOBAL	0.47	0.	0.
302	Q_sisma	GLOBAL	0.47	0.	0.
303	Q_sisma	GLOBAL	0.47	0.	0.
431	Q_sisma	GLOBAL	0.47	0.	0.
432	Q_sisma	GLOBAL	0.47	0.	0.
433	Q_sisma	GLOBAL	0.47	0.	0.
434	Q_sisma	GLOBAL	0.47	0.	0.
435	Q_sisma	GLOBAL	0.47	0.	0.
436	Q_sisma	GLOBAL	0.47	0.	0.
437	Q_sisma	GLOBAL	0.47	0.	0.
438	Q_sisma	GLOBAL	0.47	0.	0.
439	Q_sisma	GLOBAL	0.47	0.	0.
440	Q_sisma	GLOBAL	0.47	0.	0.
441	Q_sisma	GLOBAL	0.47	0.	0.
442	Q_sisma	GLOBAL	0.47	0.	0.
443	Q_sisma	GLOBAL	0.47	0.	0.
444	Q_sisma	GLOBAL	0.47	0.	0.
445	Q_sisma	GLOBAL	0.47	0.	0.
446	Q_sisma	GLOBAL	0.47	0.	0.
447	Q_sisma	GLOBAL	0.47	0.	0.
448	Q_sisma	GLOBAL	0.47	0.	0.
449	Q_sisma	GLOBAL	0.47	0.	0.
450	Q_sisma	GLOBAL	0.47	0.	0.
451	Q_sisma	GLOBAL	0.47	0.	0.
452	Q_sisma	GLOBAL	0.47	0.	0.
453	Q_sisma	GLOBAL	0.47	0.	0.
454	Q_sisma	GLOBAL	0.47	0.	0.
455	Q_sisma	GLOBAL	0.47	0.	0.
456	Q_sisma	GLOBAL	0.47	0.	0.
457	Q_sisma	GLOBAL	0.47	0.	0.
458	Q_sisma	GLOBAL	0.47	0.	0.
459	Q_sisma	GLOBAL	0.47	0.	0.
460	Q_sisma	GLOBAL	0.47	0.	0.
461	Q_sisma	GLOBAL	0.47	0.	0.
462	Q_sisma	GLOBAL	0.47	0.	0.
463	Q_sisma	GLOBAL	0.47	0.	0.
464	Q_sisma	GLOBAL	0.47	0.	0.
465	Q_sisma	GLOBAL	0.47	0.	0.
466	Q_sisma	GLOBAL	0.47	0.	0.
467	Q_sisma	GLOBAL	0.47	0.	0.
468	Q_sisma	GLOBAL	0.47	0.	0.
469	Q_sisma	GLOBAL	0.47	0.	0.
470	Q_sisma	GLOBAL	0.47	0.	0.
471	Q_sisma	GLOBAL	0.47	0.	0.
472	Q_sisma	GLOBAL	0.47	0.	0.
473	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
474	Q_sisma	GLOBAL	0.47	0.	0.
475	Q_sisma	GLOBAL	0.47	0.	0.
476	Q_sisma	GLOBAL	0.47	0.	0.
477	Q_sisma	GLOBAL	0.47	0.	0.
478	Q_sisma	GLOBAL	0.47	0.	0.
479	Q_sisma	GLOBAL	0.47	0.	0.
480	Q_sisma	GLOBAL	0.47	0.	0.
481	Q_sisma	GLOBAL	0.47	0.	0.
482	Q_sisma	GLOBAL	0.47	0.	0.
483	Q_sisma	GLOBAL	0.47	0.	0.
484	Q_sisma	GLOBAL	0.47	0.	0.
485	Q_sisma	GLOBAL	0.47	0.	0.
486	Q_sisma	GLOBAL	0.47	0.	0.
487	Q_sisma	GLOBAL	0.47	0.	0.
488	Q_sisma	GLOBAL	0.47	0.	0.
489	Q_sisma	GLOBAL	0.47	0.	0.
490	Q_sisma	GLOBAL	0.47	0.	0.
491	Q_sisma	GLOBAL	0.47	0.	0.
492	Q_sisma	GLOBAL	0.47	0.	0.
493	Q_sisma	GLOBAL	0.47	0.	0.
494	Q_sisma	GLOBAL	0.47	0.	0.
495	Q_sisma	GLOBAL	0.47	0.	0.
496	Q_sisma	GLOBAL	0.47	0.	0.
497	Q_sisma	GLOBAL	0.47	0.	0.
498	Q_sisma	GLOBAL	0.47	0.	0.
499	Q_sisma	GLOBAL	0.47	0.	0.
500	Q_sisma	GLOBAL	0.47	0.	0.
501	Q_sisma	GLOBAL	0.47	0.	0.
502	Q_sisma	GLOBAL	0.47	0.	0.
503	Q_sisma	GLOBAL	0.47	0.	0.
504	Q_sisma	GLOBAL	0.47	0.	0.
505	Q_sisma	GLOBAL	0.47	0.	0.
506	Q_sisma	GLOBAL	0.47	0.	0.
507	Q_sisma	GLOBAL	0.47	0.	0.
508	Q_sisma	GLOBAL	0.47	0.	0.
509	Q_sisma	GLOBAL	0.47	0.	0.
510	Q_sisma	GLOBAL	0.47	0.	0.
511	Q_sisma	GLOBAL	0.47	0.	0.
512	Q_sisma	GLOBAL	0.47	0.	0.
513	Q_sisma	GLOBAL	0.47	0.	0.
514	Q_sisma	GLOBAL	0.47	0.	0.
515	Q_sisma	GLOBAL	0.47	0.	0.
516	Q_sisma	GLOBAL	0.47	0.	0.
517	Q_sisma	GLOBAL	0.47	0.	0.
518	Q_sisma	GLOBAL	0.47	0.	0.
519	Q_sisma	GLOBAL	0.47	0.	0.
520	Q_sisma	GLOBAL	0.47	0.	0.
521	Q_sisma	GLOBAL	0.47	0.	0.
522	Q_sisma	GLOBAL	0.47	0.	0.
523	Q_sisma	GLOBAL	0.47	0.	0.
524	Q_sisma	GLOBAL	0.47	0.	0.
525	Q_sisma	GLOBAL	0.47	0.	0.
526	Q_sisma	GLOBAL	0.47	0.	0.
527	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Gravity

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
528	Q_sisma	GLOBAL	0.47	0.	0.
529	Q_sisma	GLOBAL	0.47	0.	0.
530	Q_sisma	GLOBAL	0.47	0.	0.
531	Q_sisma	GLOBAL	0.47	0.	0.
532	Q_sisma	GLOBAL	0.47	0.	0.
533	Q_sisma	GLOBAL	0.47	0.	0.
534	Q_sisma	GLOBAL	0.47	0.	0.
535	Q_sisma	GLOBAL	0.47	0.	0.
536	Q_sisma	GLOBAL	0.47	0.	0.
537	Q_sisma	GLOBAL	0.47	0.	0.
538	Q_sisma	GLOBAL	0.47	0.	0.
539	Q_sisma	GLOBAL	0.47	0.	0.
540	Q_sisma	GLOBAL	0.47	0.	0.
541	Q_sisma	GLOBAL	0.47	0.	0.
542	Q_sisma	GLOBAL	0.47	0.	0.
543	Q_sisma	GLOBAL	0.47	0.	0.
544	Q_sisma	GLOBAL	0.47	0.	0.
545	Q_sisma	GLOBAL	0.47	0.	0.
546	Q_sisma	GLOBAL	0.47	0.	0.
547	Q_sisma	GLOBAL	0.47	0.	0.
548	Q_sisma	GLOBAL	0.47	0.	0.
549	Q_sisma	GLOBAL	0.47	0.	0.
550	Q_sisma	GLOBAL	0.47	0.	0.
551	Q_sisma	GLOBAL	0.47	0.	0.
552	Q_sisma	GLOBAL	0.47	0.	0.
553	Q_sisma	GLOBAL	0.47	0.	0.
554	Q_sisma	GLOBAL	0.47	0.	0.
555	Q_sisma	GLOBAL	0.47	0.	0.
556	Q_sisma	GLOBAL	0.47	0.	0.
613	Q_sisma	GLOBAL	0.47	0.	0.
614	Q_sisma	GLOBAL	0.47	0.	0.
615	Q_sisma	GLOBAL	0.47	0.	0.
616	Q_sisma	GLOBAL	0.47	0.	0.
617	Q_sisma	GLOBAL	0.47	0.	0.
618	Q_sisma	GLOBAL	0.47	0.	0.
619	Q_sisma	GLOBAL	0.47	0.	0.
620	Q_sisma	GLOBAL	0.47	0.	0.
621	Q_sisma	GLOBAL	0.47	0.	0.
622	Q_sisma	GLOBAL	0.47	0.	0.
623	Q_sisma	GLOBAL	0.47	0.	0.
624	Q_sisma	GLOBAL	0.47	0.	0.
625	Q_sisma	GLOBAL	0.47	0.	0.
626	Q_sisma	GLOBAL	0.47	0.	0.

Table: Area Loads - Uniform

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
38	Q1_traffico	GLOBAL	Gravity	9.
38	G2_imp	GLOBAL	Gravity	3.3
38	G2_imp	GLOBAL	Gravity	26.4
39	Q1_traffico	GLOBAL	Gravity	9.

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
39	G2_imp	GLOBAL	Gravity	3.3
39	G2_imp	GLOBAL	Gravity	26.4
40	Q1_traffico	GLOBAL	Gravity	9.
40	G2_imp	GLOBAL	Gravity	3.3
40	G2_imp	GLOBAL	Gravity	26.4
41	Q1_traffico	GLOBAL	Gravity	9.
41	G2_imp	GLOBAL	Gravity	3.3
41	G2_imp	GLOBAL	Gravity	26.4
42	Q1_traffico	GLOBAL	Gravity	9.
42	G2_imp	GLOBAL	Gravity	3.3
42	G2_imp	GLOBAL	Gravity	26.4
43	Q1_traffico	GLOBAL	Gravity	9.
43	G2_imp	GLOBAL	Gravity	3.3
43	G2_imp	GLOBAL	Gravity	26.4
44	Q1_traffico	GLOBAL	Gravity	9.
44	G2_imp	GLOBAL	Gravity	3.3
44	G2_imp	GLOBAL	Gravity	26.4
45	Q1_traffico	GLOBAL	Gravity	9.
45	G2_imp	GLOBAL	Gravity	3.3
45	G2_imp	GLOBAL	Gravity	26.4
54	Q1_traffico	GLOBAL	Gravity	9.
54	G2_imp	GLOBAL	Gravity	3.3
54	G2_imp	GLOBAL	Gravity	26.4
55	Q1_traffico	GLOBAL	Gravity	9.
55	G2_imp	GLOBAL	Gravity	3.3
55	G2_imp	GLOBAL	Gravity	26.4
56	Q1_traffico	GLOBAL	Gravity	9.
56	G2_imp	GLOBAL	Gravity	3.3
56	G2_imp	GLOBAL	Gravity	26.4
57	Q1_traffico	GLOBAL	Gravity	9.
57	G2_imp	GLOBAL	Gravity	3.3
57	G2_imp	GLOBAL	Gravity	26.4
58	Q1_traffico	GLOBAL	Gravity	9.
58	G2_imp	GLOBAL	Gravity	3.3
58	G2_imp	GLOBAL	Gravity	26.4
59	Q1_traffico	GLOBAL	Gravity	9.
59	G2_imp	GLOBAL	Gravity	3.3
59	G2_imp	GLOBAL	Gravity	26.4
60	Q1_traffico	GLOBAL	Gravity	9.
60	G2_imp	GLOBAL	Gravity	3.3
60	G2_imp	GLOBAL	Gravity	26.4
61	Q1_traffico	GLOBAL	Gravity	9.
61	G2_imp	GLOBAL	Gravity	3.3
61	G2_imp	GLOBAL	Gravity	26.4
70	Q1_traffico	GLOBAL	Gravity	2.5
70	G2_imp	GLOBAL	Gravity	3.3
70	G2_imp	GLOBAL	Gravity	26.4
71	Q1_traffico	GLOBAL	Gravity	2.5
71	G2_imp	GLOBAL	Gravity	3.3
71	G2_imp	GLOBAL	Gravity	26.4
72	Q1_traffico	GLOBAL	Gravity	2.5
72	G2_imp	GLOBAL	Gravity	3.3
72	G2_imp	GLOBAL	Gravity	26.4
73	Q1_traffico	GLOBAL	Gravity	2.5

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
73	G2_imp	GLOBAL	Gravity	3.3
73	G2_imp	GLOBAL	Gravity	26.4
74	Q1_traffico	GLOBAL	Gravity	2.5
74	G2_imp	GLOBAL	Gravity	3.3
74	G2_imp	GLOBAL	Gravity	26.4
75	Q1_traffico	GLOBAL	Gravity	2.5
75	G2_imp	GLOBAL	Gravity	3.3
75	G2_imp	GLOBAL	Gravity	26.4
76	Q1_traffico	GLOBAL	Gravity	2.5
76	G2_imp	GLOBAL	Gravity	3.3
76	G2_imp	GLOBAL	Gravity	26.4
77	Q1_traffico	GLOBAL	Gravity	2.5
77	G2_imp	GLOBAL	Gravity	3.3
77	G2_imp	GLOBAL	Gravity	26.4
86	Q1_traffico	GLOBAL	Gravity	2.5
86	G2_imp	GLOBAL	Gravity	3.3
86	G2_imp	GLOBAL	Gravity	26.4
87	Q1_traffico	GLOBAL	Gravity	2.5
87	G2_imp	GLOBAL	Gravity	3.3
87	G2_imp	GLOBAL	Gravity	26.4
88	Q1_traffico	GLOBAL	Gravity	2.5
88	G2_imp	GLOBAL	Gravity	3.3
88	G2_imp	GLOBAL	Gravity	26.4
89	Q1_traffico	GLOBAL	Gravity	2.5
89	G2_imp	GLOBAL	Gravity	3.3
89	G2_imp	GLOBAL	Gravity	26.4
90	Q1_traffico	GLOBAL	Gravity	2.5
90	G2_imp	GLOBAL	Gravity	3.3
90	G2_imp	GLOBAL	Gravity	26.4
91	Q1_traffico	GLOBAL	Gravity	2.5
91	G2_imp	GLOBAL	Gravity	3.3
91	G2_imp	GLOBAL	Gravity	26.4
92	Q1_traffico	GLOBAL	Gravity	2.5
92	G2_imp	GLOBAL	Gravity	3.3
92	G2_imp	GLOBAL	Gravity	26.4
93	Q1_traffico	GLOBAL	Gravity	2.5
93	G2_imp	GLOBAL	Gravity	3.3
93	G2_imp	GLOBAL	Gravity	26.4
102	Q1_traffico	GLOBAL	Gravity	2.5
102	G2_imp	GLOBAL	Gravity	3.3
102	G2_imp	GLOBAL	Gravity	26.4
103	Q1_traffico	GLOBAL	Gravity	2.5
103	G2_imp	GLOBAL	Gravity	3.3
103	G2_imp	GLOBAL	Gravity	26.4
104	Q1_traffico	GLOBAL	Gravity	2.5
104	G2_imp	GLOBAL	Gravity	3.3
104	G2_imp	GLOBAL	Gravity	26.4
105	Q1_traffico	GLOBAL	Gravity	2.5
105	G2_imp	GLOBAL	Gravity	3.3
105	G2_imp	GLOBAL	Gravity	26.4
106	Q1_traffico	GLOBAL	Gravity	2.5
106	G2_imp	GLOBAL	Gravity	3.3
106	G2_imp	GLOBAL	Gravity	26.4
107	Q1_traffico	GLOBAL	Gravity	2.5

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
107	G2_imp	GLOBAL	Gravity	3.3
107	G2_imp	GLOBAL	Gravity	26.4
108	Q1_traffico	GLOBAL	Gravity	2.5
108	G2_imp	GLOBAL	Gravity	3.3
108	G2_imp	GLOBAL	Gravity	26.4
109	Q1_traffico	GLOBAL	Gravity	2.5
109	G2_imp	GLOBAL	Gravity	3.3
109	G2_imp	GLOBAL	Gravity	26.4
118	Q1_traffico	GLOBAL	Gravity	2.5
118	G2_imp	GLOBAL	Gravity	3.3
118	G2_imp	GLOBAL	Gravity	26.4
119	Q1_traffico	GLOBAL	Gravity	2.5
119	G2_imp	GLOBAL	Gravity	3.3
119	G2_imp	GLOBAL	Gravity	26.4
120	Q1_traffico	GLOBAL	Gravity	2.5
120	G2_imp	GLOBAL	Gravity	3.3
120	G2_imp	GLOBAL	Gravity	26.4
121	Q1_traffico	GLOBAL	Gravity	2.5
121	G2_imp	GLOBAL	Gravity	3.3
121	G2_imp	GLOBAL	Gravity	26.4
122	Q1_traffico	GLOBAL	Gravity	2.5
122	G2_imp	GLOBAL	Gravity	3.3
122	G2_imp	GLOBAL	Gravity	26.4
123	Q1_traffico	GLOBAL	Gravity	2.5
123	G2_imp	GLOBAL	Gravity	3.3
123	G2_imp	GLOBAL	Gravity	26.4
124	Q1_traffico	GLOBAL	Gravity	2.5
124	G2_imp	GLOBAL	Gravity	3.3
124	G2_imp	GLOBAL	Gravity	26.4
125	Q1_traffico	GLOBAL	Gravity	2.5
125	G2_imp	GLOBAL	Gravity	3.3
125	G2_imp	GLOBAL	Gravity	26.4
134	Q1_traffico	GLOBAL	Gravity	2.5
134	G2_imp	GLOBAL	Gravity	3.3
134	G2_imp	GLOBAL	Gravity	26.4
135	Q1_traffico	GLOBAL	Gravity	2.5
135	G2_imp	GLOBAL	Gravity	3.3
135	G2_imp	GLOBAL	Gravity	26.4
136	Q1_traffico	GLOBAL	Gravity	2.5
136	G2_imp	GLOBAL	Gravity	3.3
136	G2_imp	GLOBAL	Gravity	26.4
137	Q1_traffico	GLOBAL	Gravity	2.5
137	G2_imp	GLOBAL	Gravity	3.3
137	G2_imp	GLOBAL	Gravity	26.4
138	Q1_traffico	GLOBAL	Gravity	2.5
138	G2_imp	GLOBAL	Gravity	3.3
138	G2_imp	GLOBAL	Gravity	26.4
139	Q1_traffico	GLOBAL	Gravity	2.5
139	G2_imp	GLOBAL	Gravity	3.3
139	G2_imp	GLOBAL	Gravity	26.4
140	Q1_traffico	GLOBAL	Gravity	2.5
140	G2_imp	GLOBAL	Gravity	3.3
140	G2_imp	GLOBAL	Gravity	26.4
141	Q1_traffico	GLOBAL	Gravity	2.5

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
141	G2_imp	GLOBAL	Gravity	3.3
141	G2_imp	GLOBAL	Gravity	26.4
150	Q1_traffico	GLOBAL	Gravity	2.5
150	G2_imp	GLOBAL	Gravity	3.3
150	G2_imp	GLOBAL	Gravity	26.4
151	Q1_traffico	GLOBAL	Gravity	2.5
151	G2_imp	GLOBAL	Gravity	3.3
151	G2_imp	GLOBAL	Gravity	26.4
152	Q1_traffico	GLOBAL	Gravity	2.5
152	G2_imp	GLOBAL	Gravity	3.3
152	G2_imp	GLOBAL	Gravity	26.4
153	Q1_traffico	GLOBAL	Gravity	2.5
153	G2_imp	GLOBAL	Gravity	3.3
153	G2_imp	GLOBAL	Gravity	26.4
154	Q1_traffico	GLOBAL	Gravity	2.5
154	G2_imp	GLOBAL	Gravity	3.3
154	G2_imp	GLOBAL	Gravity	26.4
155	Q1_traffico	GLOBAL	Gravity	2.5
155	G2_imp	GLOBAL	Gravity	3.3
155	G2_imp	GLOBAL	Gravity	26.4
156	Q1_traffico	GLOBAL	Gravity	2.5
156	G2_imp	GLOBAL	Gravity	3.3
156	G2_imp	GLOBAL	Gravity	26.4
157	Q1_traffico	GLOBAL	Gravity	2.5
157	G2_imp	GLOBAL	Gravity	3.3
157	G2_imp	GLOBAL	Gravity	26.4
166	G2_imp	GLOBAL	Gravity	3.3
166	G2_imp	GLOBAL	Gravity	26.4
167	G2_imp	GLOBAL	Gravity	3.3
167	G2_imp	GLOBAL	Gravity	26.4
168	G2_imp	GLOBAL	Gravity	3.3
168	G2_imp	GLOBAL	Gravity	26.4
169	G2_imp	GLOBAL	Gravity	3.3
169	G2_imp	GLOBAL	Gravity	26.4
170	G2_imp	GLOBAL	Gravity	3.3
170	G2_imp	GLOBAL	Gravity	26.4
171	G2_imp	GLOBAL	Gravity	3.3
171	G2_imp	GLOBAL	Gravity	26.4
172	G2_imp	GLOBAL	Gravity	3.3
172	G2_imp	GLOBAL	Gravity	26.4
173	G2_imp	GLOBAL	Gravity	3.3
173	G2_imp	GLOBAL	Gravity	26.4
182	G2_imp	GLOBAL	Gravity	3.3
182	G2_imp	GLOBAL	Gravity	26.4
183	G2_imp	GLOBAL	Gravity	3.3
183	G2_imp	GLOBAL	Gravity	26.4
184	G2_imp	GLOBAL	Gravity	3.3
184	G2_imp	GLOBAL	Gravity	26.4
185	G2_imp	GLOBAL	Gravity	3.3
185	G2_imp	GLOBAL	Gravity	26.4
186	G2_imp	GLOBAL	Gravity	3.3
186	G2_imp	GLOBAL	Gravity	26.4
187	G2_imp	GLOBAL	Gravity	3.3
187	G2_imp	GLOBAL	Gravity	26.4

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
188	G2_imp	GLOBAL	Gravity	3.3
188	G2_imp	GLOBAL	Gravity	26.4
189	G2_imp	GLOBAL	Gravity	3.3
189	G2_imp	GLOBAL	Gravity	26.4
198	G2_imp	GLOBAL	Gravity	3.3
198	G2_imp	GLOBAL	Gravity	26.4
199	G2_imp	GLOBAL	Gravity	3.3
199	G2_imp	GLOBAL	Gravity	26.4
200	G2_imp	GLOBAL	Gravity	3.3
200	G2_imp	GLOBAL	Gravity	26.4
201	G2_imp	GLOBAL	Gravity	3.3
201	G2_imp	GLOBAL	Gravity	26.4
202	G2_imp	GLOBAL	Gravity	3.3
202	G2_imp	GLOBAL	Gravity	26.4
203	G2_imp	GLOBAL	Gravity	3.3
203	G2_imp	GLOBAL	Gravity	26.4
204	G2_imp	GLOBAL	Gravity	3.3
204	G2_imp	GLOBAL	Gravity	26.4
205	G2_imp	GLOBAL	Gravity	3.3
205	G2_imp	GLOBAL	Gravity	26.4
214	G2_imp	GLOBAL	Gravity	3.3
214	G2_imp	GLOBAL	Gravity	26.4
215	G2_imp	GLOBAL	Gravity	3.3
215	G2_imp	GLOBAL	Gravity	26.4
216	G2_imp	GLOBAL	Gravity	3.3
216	G2_imp	GLOBAL	Gravity	26.4
217	G2_imp	GLOBAL	Gravity	3.3
217	G2_imp	GLOBAL	Gravity	26.4
218	G2_imp	GLOBAL	Gravity	3.3
218	G2_imp	GLOBAL	Gravity	26.4
219	G2_imp	GLOBAL	Gravity	3.3
219	G2_imp	GLOBAL	Gravity	26.4
220	G2_imp	GLOBAL	Gravity	3.3
220	G2_imp	GLOBAL	Gravity	26.4
221	G2_imp	GLOBAL	Gravity	3.3
221	G2_imp	GLOBAL	Gravity	26.4
231	G2_imp	GLOBAL	Gravity	26.4
232	G2_imp	GLOBAL	Gravity	26.4
233	G2_imp	GLOBAL	Gravity	26.4
234	G2_imp	GLOBAL	Gravity	26.4
235	G2_imp	GLOBAL	Gravity	26.4
236	G2_imp	GLOBAL	Gravity	26.4
237	G2_imp	GLOBAL	Gravity	26.4
238	G2_imp	GLOBAL	Gravity	26.4
247	Q1_traffico	GLOBAL	Gravity	9.
247	G2_imp	GLOBAL	Gravity	3.3
247	G2_imp	GLOBAL	Gravity	26.4
248	Q1_traffico	GLOBAL	Gravity	9.
248	G2_imp	GLOBAL	Gravity	3.3
248	G2_imp	GLOBAL	Gravity	26.4
249	Q1_traffico	GLOBAL	Gravity	9.
249	G2_imp	GLOBAL	Gravity	3.3
249	G2_imp	GLOBAL	Gravity	26.4
250	Q1_traffico	GLOBAL	Gravity	9.

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
250	G2_imp	GLOBAL	Gravity	3.3
250	G2_imp	GLOBAL	Gravity	26.4
251	Q1_traffico	GLOBAL	Gravity	9.
251	G2_imp	GLOBAL	Gravity	3.3
251	G2_imp	GLOBAL	Gravity	26.4
252	Q1_traffico	GLOBAL	Gravity	9.
252	G2_imp	GLOBAL	Gravity	3.3
252	G2_imp	GLOBAL	Gravity	26.4
253	Q1_traffico	GLOBAL	Gravity	9.
253	G2_imp	GLOBAL	Gravity	3.3
253	G2_imp	GLOBAL	Gravity	26.4
254	Q1_traffico	GLOBAL	Gravity	9.
254	G2_imp	GLOBAL	Gravity	3.3
254	G2_imp	GLOBAL	Gravity	26.4

Table: Area Section Assignments

Table: Area Section Assignments

Area	Section	MatProp
18	Sp70	Default
19	Sp70	Default
20	Sp70	Default
21	Sp70	Default
22	Sp70	Default
23	Sp70	Default
24	Sp70	Default
25	Sp70	Default
26	Sp70	Default
27	Sp70	Default
28	Sp70	Default
29	Sp70	Default
30	Sp70	Default
31	Sp70	Default
32	Sp70	Default
33	Sp70	Default
34	Sp70	Default
35	Sp70	Default
36	Sp70	Default
37	Sp70	Default
38	Sp70	Default
39	Sp70	Default
40	Sp70	Default
41	Sp70	Default
42	Sp70	Default
43	Sp70	Default
44	Sp70	Default
45	Sp70	Default
46	Sp70	Default
47	Sp70	Default
48	Sp70	Default
49	Sp70	Default
50	Sp70	Default

Table: Area Section Assignments

Area	Section	MatProp
51	Sp70	Default
52	Sp70	Default
53	Sp70	Default
54	Sp70	Default
55	Sp70	Default
56	Sp70	Default
57	Sp70	Default
58	Sp70	Default
59	Sp70	Default
60	Sp70	Default
61	Sp70	Default
62	Sp70	Default
63	Sp70	Default
64	Sp70	Default
65	Sp70	Default
66	Sp70	Default
67	Sp70	Default
68	Sp70	Default
69	Sp70	Default
70	Sp70	Default
71	Sp70	Default
72	Sp70	Default
73	Sp70	Default
74	Sp70	Default
75	Sp70	Default
76	Sp70	Default
77	Sp70	Default
78	Sp70	Default
79	Sp70	Default
80	Sp70	Default
81	Sp70	Default
82	Sp70	Default
83	Sp70	Default
84	Sp70	Default
85	Sp70	Default
86	Sp70	Default
87	Sp70	Default
88	Sp70	Default
89	Sp70	Default
90	Sp70	Default
91	Sp70	Default
92	Sp70	Default
93	Sp70	Default
94	Sp70	Default
95	Sp70	Default
96	Sp70	Default
97	Sp70	Default
98	Sp70	Default
99	Sp70	Default
100	Sp70	Default
101	Sp70	Default
102	Sp70	Default
103	Sp70	Default
104	Sp70	Default

Table: Area Section Assignments

Area	Section	MatProp
105	Sp70	Default
106	Sp70	Default
107	Sp70	Default
108	Sp70	Default
109	Sp70	Default
110	Sp70	Default
111	Sp70	Default
112	Sp70	Default
113	Sp70	Default
114	Sp70	Default
115	Sp70	Default
116	Sp70	Default
117	Sp70	Default
118	Sp70	Default
119	Sp70	Default
120	Sp70	Default
121	Sp70	Default
122	Sp70	Default
123	Sp70	Default
124	Sp70	Default
125	Sp70	Default
126	Sp70	Default
127	Sp70	Default
128	Sp70	Default
129	Sp70	Default
130	Sp70	Default
131	Sp70	Default
132	Sp70	Default
133	Sp70	Default
134	Sp70	Default
135	Sp70	Default
136	Sp70	Default
137	Sp70	Default
138	Sp70	Default
139	Sp70	Default
140	Sp70	Default
141	Sp70	Default
142	Sp70	Default
143	Sp70	Default
144	Sp70	Default
145	Sp70	Default
146	Sp70	Default
147	Sp70	Default
148	Sp70	Default
149	Sp70	Default
150	Sp70	Default
151	Sp70	Default
152	Sp70	Default
153	Sp70	Default
154	Sp70	Default
155	Sp70	Default
156	Sp70	Default
157	Sp70	Default
158	Sp70	Default

Table: Area Section Assignments

Area	Section	MatProp
159	Sp70	Default
160	Sp70	Default
161	Sp70	Default
162	Sp70	Default
163	Sp70	Default
164	Sp70	Default
165	Sp70	Default
166	Sp70	Default
167	Sp70	Default
168	Sp70	Default
169	Sp70	Default
170	Sp70	Default
171	Sp70	Default
172	Sp70	Default
173	Sp70	Default
180	Sp70	Default
181	Sp70	Default
182	Sp70	Default
183	Sp70	Default
184	Sp70	Default
185	Sp70	Default
186	Sp70	Default
187	Sp70	Default
188	Sp70	Default
189	Sp70	Default
190	Sp70	Default
191	Sp70	Default
192	Sp70	Default
193	Sp70	Default
194	Sp70	Default
195	Sp70	Default
196	Sp70	Default
197	Sp70	Default
198	Sp70	Default
199	Sp70	Default
200	Sp70	Default
201	Sp70	Default
202	Sp70	Default
203	Sp70	Default
204	Sp70	Default
205	Sp70	Default
206	Sp70	Default
207	Sp70	Default
208	Sp70	Default
209	Sp70	Default
210	Sp70	Default
211	Sp70	Default
212	Sp70	Default
213	Sp70	Default
214	Sp70	Default
215	Sp70	Default
216	Sp70	Default
217	Sp70	Default
218	Sp70	Default

Table: Area Section Assignments

Area	Section	MatProp
219	Sp70	Default
220	Sp70	Default
221	Sp70	Default
222	Sp70	Default
223	Sp70	Default
224	Sp70	Default
225	Sp70	Default
226	Sp70	Default
227	Sp70	Default
228	Sp70	Default
229	Sp70	Default
230	Sp70	Default
231	Sp70	Default
232	Sp70	Default
233	Sp70	Default
234	Sp70	Default
235	Sp70	Default
236	Sp70	Default
237	Sp70	Default
238	Sp70	Default
239	Sp70	Default
240	Sp70	Default
241	Sp70	Default
242	Sp70	Default
243	Sp70	Default
244	Sp70	Default
245	Sp70	Default
246	Sp70	Default
247	Sp70	Default
248	Sp70	Default
249	Sp70	Default
250	Sp70	Default
251	Sp70	Default
252	Sp70	Default
253	Sp70	Default
254	Sp70	Default
255	Sp70	Default
256	Sp70	Default
257	Sp70	Default
258	Sp70	Default
259	Sp70	Default
260	Sp70	Default
261	Sp70	Default
262	Sp70	Default
263	Sp70	Default
264	Sp70	Default
265	Sp70	Default
266	Sp70	Default
267	Sp70	Default
268	Sp70	Default
269	Sp70	Default
270	Sp70	Default
271	Sp70	Default
272	Sp70	Default

Table: Area Section Assignments

Area	Section	MatProp
273	Sp70	Default
274	Sp70	Default
275	Sp70	Default
276	Sp70	Default
277	Sp70	Default
278	Sp70	Default
279	Sp70	Default
280	Sp70	Default
281	Sp70	Default
282	Sp70	Default
283	Sp70	Default
284	Sp70	Default
285	Sp70	Default
286	Sp70	Default
287	Sp70	Default
288	Sp70	Default
289	Sp70	Default
290	Sp70	Default
291	Sp70	Default
292	Sp70	Default
293	Sp70	Default
294	Sp70	Default
295	Sp70	Default
296	Sp70	Default
297	Sp70	Default
298	Sp70	Default
299	Sp70	Default
300	Sp70	Default
301	Sp70	Default
302	Sp70	Default
303	Sp70	Default
431	Sp80	Default
432	Sp80	Default
433	Sp80	Default
434	Sp80	Default
435	Sp80	Default
436	Sp80	Default
437	Sp80	Default
438	Sp80	Default
439	Sp80	Default
440	Sp80	Default
441	Sp80	Default
442	Sp80	Default
443	Sp80	Default
444	Sp80	Default
445	Sp80	Default
446	Sp80	Default
447	Sp80	Default
448	Sp80	Default
449	Sp80	Default
450	Sp80	Default
451	Sp80	Default
452	Sp80	Default
453	Sp80	Default

Table: Area Section Assignments

Area	Section	MatProp
454	Sp80	Default
455	Sp80	Default
456	Sp80	Default
457	Sp80	Default
458	Sp80	Default
459	Sp80	Default
460	Sp80	Default
461	Sp80	Default
462	Sp80	Default
463	Sp80	Default
464	Sp80	Default
465	Sp80	Default
466	Sp80	Default
467	Sp80	Default
468	Sp80	Default
469	Sp80	Default
470	Sp80	Default
471	Sp80	Default
472	Sp80	Default
473	Sp80	Default
474	Sp80	Default
475	Sp80	Default
476	Sp80	Default
477	Sp80	Default
478	Sp80	Default
479	Sp80	Default
480	Sp80	Default
481	Sp80	Default
482	Sp80	Default
483	Sp80	Default
484	Sp80	Default
485	Sp80	Default
486	Sp80	Default
487	Sp80	Default
488	Sp80	Default
489	Sp80	Default
490	Sp80	Default
491	Sp80	Default
492	Sp80	Default
493	Sp80	Default
494	Sp80	Default
495	Sp80	Default
496	Sp80	Default
497	Sp80	Default
498	Sp80	Default
499	Sp80	Default
500	Sp80	Default
501	Sp80	Default
502	Sp80	Default
503	Sp80	Default
504	Sp80	Default
505	Sp80	Default
506	Sp80	Default
507	Sp80	Default

Table: Area Section Assignments

Area	Section	MatProp
508	Sp80	Default
509	Sp80	Default
510	Sp80	Default
511	Sp80	Default
512	Sp80	Default
513	Sp80	Default
514	Sp80	Default
515	Sp80	Default
516	Sp80	Default
517	Sp80	Default
518	Sp80	Default
519	Sp80	Default
520	Sp80	Default
521	Sp80	Default
522	Sp80	Default
523	Sp80	Default
524	Sp80	Default
525	Sp80	Default
526	Sp80	Default
527	Sp80	Default
528	Sp80	Default
529	Sp80	Default
530	Sp80	Default
531	Sp80	Default
532	Sp80	Default
533	Sp80	Default
534	Sp80	Default
535	Sp80	Default
536	Sp80	Default
537	Sp80	Default
538	Sp80	Default
539	Sp80	Default
540	Sp80	Default
541	Sp80	Default
542	Sp80	Default
543	Sp80	Default
544	Sp80	Default
545	Sp80	Default
546	Sp80	Default
547	Sp80	Default
548	Sp80	Default
549	Sp80	Default
550	Sp80	Default
551	Sp80	Default
552	Sp80	Default
553	Sp80	Default
554	Sp80	Default
555	Sp80	Default
556	Sp80	Default
613	Sp80	Default
614	Sp80	Default
615	Sp80	Default
616	Sp80	Default
617	Sp80	Default

Table: Area Section Assignments

Area	Section	MatProp
618	Sp80	Default
619	Sp80	Default
620	Sp80	Default
621	Sp80	Default
622	Sp80	Default
623	Sp80	Default
624	Sp80	Default
625	Sp80	Default
626	Sp80	Default

Table: Area Spring Assignments

Table: Area Spring Assignments

Area	Type	Stiffness KN/m/m2	SimpleType	Face	Dir1Type	NormalDir
431	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
432	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
433	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
434	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
435	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
436	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
437	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
438	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
439	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
440	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
441	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
442	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
443	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
444	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
445	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
446	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
447	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
448	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
449	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
450	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
451	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
452	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
453	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
454	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
455	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
456	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
457	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
458	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
459	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
460	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
461	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
462	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
463	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
464	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
465	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
466	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
467	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
468	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward

Table: Area Spring Assignments

Area	Type	Stiffness KN/m/m2	SimpleType	Face	Dir1Type	NormalDir
523	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
524	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
525	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
526	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
527	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
528	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
529	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
530	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
531	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
532	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
533	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
534	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
535	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
536	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
537	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
538	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
539	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
540	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
541	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
542	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
543	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
544	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
545	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
546	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
547	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
548	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
549	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
550	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
551	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
552	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
553	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
554	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
555	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
556	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
613	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
614	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
615	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
616	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
617	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
618	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
619	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
620	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
621	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
622	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
623	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
624	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
625	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward
626	Simple	30000.	Compression Only	Bottom	Normal To Face	Inward

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2								
Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m	
2	GLOBAL	Cartesian	5.25005	2.05	-1.	Yes	5.25005	
3	GLOBAL	Cartesian	5.25005	2.05	-2.	Yes	5.25005	
4	GLOBAL	Cartesian	5.25005	2.05	-3.	Yes	5.25005	
5	GLOBAL	Cartesian	5.25005	2.05	-4.	Yes	5.25005	
6	GLOBAL	Cartesian	5.25005	2.05	-5.	Yes	5.25005	
7	GLOBAL	Cartesian	5.25005	2.05	-6.	Yes	5.25005	
30	GLOBAL	Cartesian	5.25005	3.15	-1.	Yes	5.25005	
31	GLOBAL	Cartesian	5.25005	3.15	-2.	Yes	5.25005	
32	GLOBAL	Cartesian	5.25005	3.15	-3.	Yes	5.25005	
33	GLOBAL	Cartesian	5.25005	3.15	-4.	Yes	5.25005	
34	GLOBAL	Cartesian	5.25005	3.15	-5.	Yes	5.25005	
35	GLOBAL	Cartesian	5.25005	3.15	-6.	Yes	5.25005	
57	GLOBAL	Cartesian	5.25005	4.25	-1.	Yes	5.25005	
58	GLOBAL	Cartesian	5.25005	4.25	-2.	Yes	5.25005	
59	GLOBAL	Cartesian	5.25005	4.25	-3.	Yes	5.25005	
60	GLOBAL	Cartesian	5.25005	4.25	-4.	Yes	5.25005	
61	GLOBAL	Cartesian	5.25005	4.25	-5.	Yes	5.25005	
62	GLOBAL	Cartesian	5.25005	4.25	-6.	Yes	5.25005	
84	GLOBAL	Cartesian	5.25005	5.35	-1.	Yes	5.25005	
85	GLOBAL	Cartesian	5.25005	5.35	-2.	Yes	5.25005	
86	GLOBAL	Cartesian	5.25005	5.35	-3.	Yes	5.25005	
87	GLOBAL	Cartesian	5.25005	5.35	-4.	Yes	5.25005	
88	GLOBAL	Cartesian	5.25005	5.35	-5.	Yes	5.25005	
89	GLOBAL	Cartesian	5.25005	5.35	-6.	Yes	5.25005	
111	GLOBAL	Cartesian	5.25005	6.45	-1.	Yes	5.25005	
112	GLOBAL	Cartesian	5.25005	6.45	-2.	Yes	5.25005	
113	GLOBAL	Cartesian	5.25005	6.45	-3.	Yes	5.25005	
114	GLOBAL	Cartesian	5.25005	6.45	-4.	Yes	5.25005	
115	GLOBAL	Cartesian	5.25005	0.95	-1.	Yes	5.25005	
116	GLOBAL	Cartesian	5.25005	0.95	-2.	Yes	5.25005	
117	GLOBAL	Cartesian	5.25005	0.95	-3.	Yes	5.25005	
118	GLOBAL	Cartesian	5.25005	0.95	-4.	Yes	5.25005	
119	GLOBAL	Cartesian	5.25005	0.95	-5.	Yes	5.25005	
120	GLOBAL	Cartesian	5.25005	0.95	-6.	Yes	5.25005	
141	GLOBAL	Cartesian	5.25005	6.45	-5.	Yes	5.25005	
142	GLOBAL	Cartesian	5.25005	6.45	-6.	Yes	5.25005	
164	GLOBAL	Cartesian	5.25005	7.55	-1.	Yes	5.25005	
165	GLOBAL	Cartesian	5.25005	7.55	-2.	Yes	5.25005	
166	GLOBAL	Cartesian	5.25005	7.55	-3.	Yes	5.25005	
167	GLOBAL	Cartesian	5.25005	7.55	-4.	Yes	5.25005	
168	GLOBAL	Cartesian	5.25005	7.55	-5.	Yes	5.25005	
169	GLOBAL	Cartesian	5.25005	7.55	-6.	Yes	5.25005	
191	GLOBAL	Cartesian	5.25005	8.65	-1.	Yes	5.25005	
192	GLOBAL	Cartesian	5.25005	8.65	-2.	Yes	5.25005	
193	GLOBAL	Cartesian	5.25005	8.65	-3.	Yes	5.25005	
194	GLOBAL	Cartesian	5.25005	8.65	-4.	Yes	5.25005	
195	GLOBAL	Cartesian	5.25005	8.65	-5.	Yes	5.25005	
196	GLOBAL	Cartesian	5.25005	8.65	-6.	Yes	5.25005	
218	GLOBAL	Cartesian	5.25005	9.75	-1.	Yes	5.25005	
219	GLOBAL	Cartesian	5.25005	9.75	-2.	Yes	5.25005	
220	GLOBAL	Cartesian	5.25005	9.75	-3.	Yes	5.25005	
221	GLOBAL	Cartesian	5.25005	9.75	-4.	Yes	5.25005	
222	GLOBAL	Cartesian	5.25005	9.75	-5.	Yes	5.25005	

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
223	GLOBAL	Cartesian	5.25005	9.75	-6.	Yes	5.25005
245	GLOBAL	Cartesian	5.25005	10.85	-1.	Yes	5.25005
246	GLOBAL	Cartesian	5.25005	10.85	-2.	Yes	5.25005
247	GLOBAL	Cartesian	5.25005	10.85	-3.	Yes	5.25005
248	GLOBAL	Cartesian	5.25005	10.85	-4.	Yes	5.25005
249	GLOBAL	Cartesian	5.25005	10.85	-5.	Yes	5.25005
250	GLOBAL	Cartesian	5.25005	10.85	-6.	Yes	5.25005
272	GLOBAL	Cartesian	5.25005	11.95	-1.	Yes	5.25005
273	GLOBAL	Cartesian	5.25005	11.95	-2.	Yes	5.25005
274	GLOBAL	Cartesian	5.25005	11.95	-3.	Yes	5.25005
275	GLOBAL	Cartesian	5.25005	11.95	-4.	Yes	5.25005
276	GLOBAL	Cartesian	5.25005	11.95	-5.	Yes	5.25005
277	GLOBAL	Cartesian	5.25005	11.95	-6.	Yes	5.25005
287	GLOBAL	Cartesian	6.27505	-1.95	-6.	No	6.27505
288	GLOBAL	Cartesian	6.27505	-0.95	-6.	No	6.27505
289	GLOBAL	Cartesian	7.30005	-1.95	-6.	No	7.30005
290	GLOBAL	Cartesian	7.30005	-0.95	-6.	No	7.30005
291	GLOBAL	Cartesian	8.32505	-1.95	-6.	No	8.32505
292	GLOBAL	Cartesian	8.32505	-0.95	-6.	No	8.32505
293	GLOBAL	Cartesian	9.35005	-1.95	-6.	No	9.35005
294	GLOBAL	Cartesian	9.35005	-0.95	-6.	No	9.35005
295	GLOBAL	Cartesian	10.37505	-1.95	-6.	No	10.37505
296	GLOBAL	Cartesian	10.37505	-0.95	-6.	No	10.37505
297	GLOBAL	Cartesian	11.40005	-1.95	-6.	No	11.40005
298	GLOBAL	Cartesian	11.40005	-0.95	-6.	No	11.40005
299	GLOBAL	Cartesian	5.25005	13.05	-1.	Yes	5.25005
300	GLOBAL	Cartesian	5.25005	13.05	-2.	Yes	5.25005
301	GLOBAL	Cartesian	5.25005	13.05	-3.	Yes	5.25005
302	GLOBAL	Cartesian	5.25005	13.05	-4.	Yes	5.25005
303	GLOBAL	Cartesian	5.25005	13.05	-5.	Yes	5.25005
304	GLOBAL	Cartesian	5.25005	13.05	-6.	Yes	5.25005
305	GLOBAL	Cartesian	12.42505	-1.95	-6.	No	12.42505
306	GLOBAL	Cartesian	12.42505	-0.95	-6.	No	12.42505
307	GLOBAL	Cartesian	6.27505	0.05	-6.	No	6.27505
308	GLOBAL	Cartesian	7.30005	0.05	-6.	No	7.30005
309	GLOBAL	Cartesian	8.32505	0.05	-6.	No	8.32505
310	GLOBAL	Cartesian	9.35005	0.05	-6.	No	9.35005
311	GLOBAL	Cartesian	10.37505	0.05	-6.	No	10.37505
312	GLOBAL	Cartesian	11.40005	0.05	-6.	No	11.40005
313	GLOBAL	Cartesian	12.42505	0.05	-6.	No	12.42505
314	GLOBAL	Cartesian	6.27505	0.95	-6.	No	6.27505
315	GLOBAL	Cartesian	7.30005	0.95	-6.	No	7.30005
316	GLOBAL	Cartesian	8.32505	0.95	-6.	No	8.32505
317	GLOBAL	Cartesian	9.35005	0.95	-6.	No	9.35005
318	GLOBAL	Cartesian	10.37505	0.95	-6.	No	10.37505
319	GLOBAL	Cartesian	11.40005	0.95	-6.	No	11.40005
320	GLOBAL	Cartesian	12.42505	0.95	-6.	No	12.42505
321	GLOBAL	Cartesian	6.27505	2.05	-6.	No	6.27505
322	GLOBAL	Cartesian	7.30005	2.05	-6.	No	7.30005
323	GLOBAL	Cartesian	8.32505	2.05	-6.	No	8.32505
324	GLOBAL	Cartesian	9.35005	2.05	-6.	No	9.35005
325	GLOBAL	Cartesian	10.37505	2.05	-6.	No	10.37505
326	GLOBAL	Cartesian	13.45005	0.95	-1.	Yes	13.45005
327	GLOBAL	Cartesian	13.45005	0.95	-2.	Yes	13.45005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
328	GLOBAL	Cartesian	13.45005	0.95	-3.	Yes	13.45005
329	GLOBAL	Cartesian	13.45005	0.95	-4.	Yes	13.45005
330	GLOBAL	Cartesian	13.45005	0.95	-5.	Yes	13.45005
331	GLOBAL	Cartesian	13.45005	0.95	-6.	Yes	13.45005
332	GLOBAL	Cartesian	11.40005	2.05	-6.	No	11.40005
333	GLOBAL	Cartesian	12.42505	2.05	-6.	No	12.42505
334	GLOBAL	Cartesian	6.27505	3.15	-6.	No	6.27505
335	GLOBAL	Cartesian	7.30005	3.15	-6.	No	7.30005
336	GLOBAL	Cartesian	8.32505	3.15	-6.	No	8.32505
337	GLOBAL	Cartesian	9.35005	3.15	-6.	No	9.35005
338	GLOBAL	Cartesian	10.37505	3.15	-6.	No	10.37505
339	GLOBAL	Cartesian	11.40005	3.15	-6.	No	11.40005
340	GLOBAL	Cartesian	12.42505	3.15	-6.	No	12.42505
341	GLOBAL	Cartesian	6.27505	4.25	-6.	No	6.27505
342	GLOBAL	Cartesian	7.30005	4.25	-6.	No	7.30005
343	GLOBAL	Cartesian	8.32505	4.25	-6.	No	8.32505
344	GLOBAL	Cartesian	13.45005	2.05	-1.	Yes	13.45005
345	GLOBAL	Cartesian	13.45005	2.05	-2.	Yes	13.45005
346	GLOBAL	Cartesian	13.45005	2.05	-3.	Yes	13.45005
347	GLOBAL	Cartesian	13.45005	2.05	-4.	Yes	13.45005
348	GLOBAL	Cartesian	13.45005	2.05	-5.	Yes	13.45005
349	GLOBAL	Cartesian	13.45005	2.05	-6.	Yes	13.45005
350	GLOBAL	Cartesian	9.35005	4.25	-6.	No	9.35005
351	GLOBAL	Cartesian	10.37505	4.25	-6.	No	10.37505
352	GLOBAL	Cartesian	11.40005	4.25	-6.	No	11.40005
353	GLOBAL	Cartesian	12.42505	4.25	-6.	No	12.42505
354	GLOBAL	Cartesian	6.27505	5.35	-6.	No	6.27505
355	GLOBAL	Cartesian	7.30005	5.35	-6.	No	7.30005
356	GLOBAL	Cartesian	8.32505	5.35	-6.	No	8.32505
357	GLOBAL	Cartesian	9.35005	5.35	-6.	No	9.35005
358	GLOBAL	Cartesian	10.37505	5.35	-6.	No	10.37505
359	GLOBAL	Cartesian	11.40005	5.35	-6.	No	11.40005
360	GLOBAL	Cartesian	12.42505	5.35	-6.	No	12.42505
361	GLOBAL	Cartesian	6.27505	6.45	-6.	No	6.27505
362	GLOBAL	Cartesian	13.45005	3.15	-1.	Yes	13.45005
363	GLOBAL	Cartesian	13.45005	3.15	-2.	Yes	13.45005
364	GLOBAL	Cartesian	13.45005	3.15	-3.	Yes	13.45005
365	GLOBAL	Cartesian	13.45005	3.15	-4.	Yes	13.45005
366	GLOBAL	Cartesian	13.45005	3.15	-5.	Yes	13.45005
367	GLOBAL	Cartesian	13.45005	3.15	-6.	Yes	13.45005
368	GLOBAL	Cartesian	7.30005	6.45	-6.	No	7.30005
369	GLOBAL	Cartesian	8.32505	6.45	-6.	No	8.32505
370	GLOBAL	Cartesian	9.35005	6.45	-6.	No	9.35005
371	GLOBAL	Cartesian	10.37505	6.45	-6.	No	10.37505
372	GLOBAL	Cartesian	11.40005	6.45	-6.	No	11.40005
373	GLOBAL	Cartesian	12.42505	6.45	-6.	No	12.42505
374	GLOBAL	Cartesian	6.27505	7.55	-6.	No	6.27505
375	GLOBAL	Cartesian	7.30005	7.55	-6.	No	7.30005
376	GLOBAL	Cartesian	8.32505	7.55	-6.	No	8.32505
377	GLOBAL	Cartesian	9.35005	7.55	-6.	No	9.35005
378	GLOBAL	Cartesian	10.37505	7.55	-6.	No	10.37505
379	GLOBAL	Cartesian	11.40005	7.55	-6.	No	11.40005
380	GLOBAL	Cartesian	13.45005	4.25	-1.	Yes	13.45005
381	GLOBAL	Cartesian	13.45005	4.25	-2.	Yes	13.45005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
382	GLOBAL	Cartesian	13.45005	4.25	-3.	Yes	13.45005
383	GLOBAL	Cartesian	13.45005	4.25	-4.	Yes	13.45005
384	GLOBAL	Cartesian	13.45005	4.25	-5.	Yes	13.45005
385	GLOBAL	Cartesian	13.45005	4.25	-6.	Yes	13.45005
386	GLOBAL	Cartesian	12.42505	7.55	-6.	No	12.42505
387	GLOBAL	Cartesian	6.27505	8.65	-6.	No	6.27505
388	GLOBAL	Cartesian	7.30005	8.65	-6.	No	7.30005
389	GLOBAL	Cartesian	8.32505	8.65	-6.	No	8.32505
390	GLOBAL	Cartesian	9.35005	8.65	-6.	No	9.35005
391	GLOBAL	Cartesian	10.37505	8.65	-6.	No	10.37505
392	GLOBAL	Cartesian	11.40005	8.65	-6.	No	11.40005
393	GLOBAL	Cartesian	12.42505	8.65	-6.	No	12.42505
394	GLOBAL	Cartesian	6.27505	9.75	-6.	No	6.27505
395	GLOBAL	Cartesian	7.30005	9.75	-6.	No	7.30005
396	GLOBAL	Cartesian	8.32505	9.75	-6.	No	8.32505
397	GLOBAL	Cartesian	9.35005	9.75	-6.	No	9.35005
398	GLOBAL	Cartesian	13.45005	5.35	-1.	Yes	13.45005
399	GLOBAL	Cartesian	13.45005	5.35	-2.	Yes	13.45005
400	GLOBAL	Cartesian	13.45005	5.35	-3.	Yes	13.45005
401	GLOBAL	Cartesian	13.45005	5.35	-4.	Yes	13.45005
402	GLOBAL	Cartesian	13.45005	5.35	-5.	Yes	13.45005
403	GLOBAL	Cartesian	13.45005	5.35	-6.	Yes	13.45005
404	GLOBAL	Cartesian	10.37505	9.75	-6.	No	10.37505
405	GLOBAL	Cartesian	11.40005	9.75	-6.	No	11.40005
406	GLOBAL	Cartesian	12.42505	9.75	-6.	No	12.42505
407	GLOBAL	Cartesian	6.27505	10.85	-6.	No	6.27505
408	GLOBAL	Cartesian	7.30005	10.85	-6.	No	7.30005
409	GLOBAL	Cartesian	8.32505	10.85	-6.	No	8.32505
410	GLOBAL	Cartesian	9.35005	10.85	-6.	No	9.35005
411	GLOBAL	Cartesian	10.37505	10.85	-6.	No	10.37505
412	GLOBAL	Cartesian	11.40005	10.85	-6.	No	11.40005
413	GLOBAL	Cartesian	12.42505	10.85	-6.	No	12.42505
414	GLOBAL	Cartesian	6.27505	11.95	-6.	No	6.27505
415	GLOBAL	Cartesian	7.30005	11.95	-6.	No	7.30005
416	GLOBAL	Cartesian	13.45005	6.45	-1.	Yes	13.45005
417	GLOBAL	Cartesian	13.45005	6.45	-2.	Yes	13.45005
418	GLOBAL	Cartesian	13.45005	6.45	-3.	Yes	13.45005
419	GLOBAL	Cartesian	13.45005	6.45	-4.	Yes	13.45005
420	GLOBAL	Cartesian	13.45005	6.45	-5.	Yes	13.45005
421	GLOBAL	Cartesian	13.45005	6.45	-6.	Yes	13.45005
422	GLOBAL	Cartesian	8.32505	11.95	-6.	No	8.32505
423	GLOBAL	Cartesian	9.35005	11.95	-6.	No	9.35005
424	GLOBAL	Cartesian	10.37505	11.95	-6.	No	10.37505
425	GLOBAL	Cartesian	11.40005	11.95	-6.	No	11.40005
426	GLOBAL	Cartesian	12.42505	11.95	-6.	No	12.42505
427	GLOBAL	Cartesian	6.27505	13.05	-6.	No	6.27505
428	GLOBAL	Cartesian	7.30005	13.05	-6.	No	7.30005
429	GLOBAL	Cartesian	8.32505	13.05	-6.	No	8.32505
430	GLOBAL	Cartesian	9.35005	13.05	-6.	No	9.35005
431	GLOBAL	Cartesian	10.37505	13.05	-6.	No	10.37505
432	GLOBAL	Cartesian	11.40005	13.05	-6.	No	11.40005
433	GLOBAL	Cartesian	12.42505	13.05	-6.	No	12.42505
434	GLOBAL	Cartesian	13.45005	7.55	-1.	Yes	13.45005
435	GLOBAL	Cartesian	13.45005	7.55	-2.	Yes	13.45005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
436	GLOBAL	Cartesian	13.45005	7.55	-3.	Yes	13.45005
437	GLOBAL	Cartesian	13.45005	7.55	-4.	Yes	13.45005
438	GLOBAL	Cartesian	13.45005	7.55	-5.	Yes	13.45005
439	GLOBAL	Cartesian	13.45005	7.55	-6.	Yes	13.45005
440	GLOBAL	Cartesian	4.22505	-1.95	-6.	No	4.22505
441	GLOBAL	Cartesian	4.22505	-0.95	-6.	No	4.22505
442	GLOBAL	Cartesian	4.22505	0.05	-6.	No	4.22505
443	GLOBAL	Cartesian	4.22505	0.95	-6.	No	4.22505
444	GLOBAL	Cartesian	4.22505	2.05	-6.	No	4.22505
445	GLOBAL	Cartesian	4.22505	3.15	-6.	No	4.22505
446	GLOBAL	Cartesian	4.22505	4.25	-6.	No	4.22505
447	GLOBAL	Cartesian	4.22505	5.35	-6.	No	4.22505
448	GLOBAL	Cartesian	4.22505	6.45	-6.	No	4.22505
449	GLOBAL	Cartesian	4.22505	7.55	-6.	No	4.22505
450	GLOBAL	Cartesian	4.22505	8.65	-6.	No	4.22505
451	GLOBAL	Cartesian	4.22505	9.75	-6.	No	4.22505
452	GLOBAL	Cartesian	13.45005	8.65	-1.	Yes	13.45005
453	GLOBAL	Cartesian	13.45005	8.65	-2.	Yes	13.45005
454	GLOBAL	Cartesian	13.45005	8.65	-3.	Yes	13.45005
455	GLOBAL	Cartesian	13.45005	8.65	-4.	Yes	13.45005
456	GLOBAL	Cartesian	13.45005	8.65	-5.	Yes	13.45005
457	GLOBAL	Cartesian	13.45005	8.65	-6.	Yes	13.45005
458	GLOBAL	Cartesian	4.22505	10.85	-6.	No	4.22505
459	GLOBAL	Cartesian	4.22505	11.95	-6.	No	4.22505
460	GLOBAL	Cartesian	4.22505	13.05	-6.	No	4.22505
470	GLOBAL	Cartesian	13.45005	9.75	-1.	Yes	13.45005
471	GLOBAL	Cartesian	13.45005	9.75	-2.	Yes	13.45005
472	GLOBAL	Cartesian	13.45005	9.75	-3.	Yes	13.45005
473	GLOBAL	Cartesian	13.45005	9.75	-4.	Yes	13.45005
474	GLOBAL	Cartesian	13.45005	9.75	-5.	Yes	13.45005
475	GLOBAL	Cartesian	13.45005	9.75	-6.	Yes	13.45005
488	GLOBAL	Cartesian	13.45005	10.85	-1.	Yes	13.45005
489	GLOBAL	Cartesian	13.45005	10.85	-2.	Yes	13.45005
490	GLOBAL	Cartesian	13.45005	10.85	-3.	Yes	13.45005
491	GLOBAL	Cartesian	13.45005	10.85	-4.	Yes	13.45005
492	GLOBAL	Cartesian	13.45005	10.85	-5.	Yes	13.45005
493	GLOBAL	Cartesian	13.45005	10.85	-6.	Yes	13.45005
506	GLOBAL	Cartesian	13.45005	11.95	-1.	Yes	13.45005
507	GLOBAL	Cartesian	13.45005	11.95	-2.	Yes	13.45005
508	GLOBAL	Cartesian	13.45005	11.95	-3.	Yes	13.45005
509	GLOBAL	Cartesian	13.45005	11.95	-4.	Yes	13.45005
510	GLOBAL	Cartesian	13.45005	11.95	-5.	Yes	13.45005
511	GLOBAL	Cartesian	13.45005	11.95	-6.	Yes	13.45005
524	GLOBAL	Cartesian	13.45005	13.05	-1.	Yes	13.45005
525	GLOBAL	Cartesian	13.45005	13.05	-2.	Yes	13.45005
526	GLOBAL	Cartesian	13.45005	13.05	-3.	Yes	13.45005
527	GLOBAL	Cartesian	13.45005	13.05	-4.	Yes	13.45005
528	GLOBAL	Cartesian	13.45005	13.05	-5.	Yes	13.45005
529	GLOBAL	Cartesian	13.45005	13.05	-6.	Yes	13.45005
543	GLOBAL	Cartesian	5.25005	0.05	-2.	Yes	5.25005
544	GLOBAL	Cartesian	5.25005	0.05	-3.	Yes	5.25005
545	GLOBAL	Cartesian	5.25005	0.05	-4.	Yes	5.25005
546	GLOBAL	Cartesian	5.25005	0.05	-5.	Yes	5.25005
547	GLOBAL	Cartesian	5.25005	0.05	-6.	Yes	5.25005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
550	GLOBAL	Cartesian	14.47505	-1.95	-6.	No	14.47505
551	GLOBAL	Cartesian	14.47505	-0.95	-6.	No	14.47505
552	GLOBAL	Cartesian	14.47505	0.05	-6.	No	14.47505
553	GLOBAL	Cartesian	14.47505	0.95	-6.	No	14.47505
554	GLOBAL	Cartesian	14.47505	2.05	-6.	No	14.47505
555	GLOBAL	Cartesian	14.47505	3.15	-6.	No	14.47505
556	GLOBAL	Cartesian	14.47505	4.25	-6.	No	14.47505
557	GLOBAL	Cartesian	14.47505	5.35	-6.	No	14.47505
558	GLOBAL	Cartesian	14.47505	6.45	-6.	No	14.47505
559	GLOBAL	Cartesian	14.47505	7.55	-6.	No	14.47505
560	GLOBAL	Cartesian	14.47505	8.65	-6.	No	14.47505
561	GLOBAL	Cartesian	5.25005	-0.95	-2.	Yes	5.25005
562	GLOBAL	Cartesian	5.25005	-0.95	-3.	Yes	5.25005
563	GLOBAL	Cartesian	5.25005	-0.95	-4.	Yes	5.25005
564	GLOBAL	Cartesian	5.25005	-0.95	-5.	Yes	5.25005
565	GLOBAL	Cartesian	5.25005	-0.95	-6.	Yes	5.25005
566	GLOBAL	Cartesian	14.47505	9.75	-6.	No	14.47505
567	GLOBAL	Cartesian	14.47505	10.85	-6.	No	14.47505
568	GLOBAL	Cartesian	14.47505	11.95	-6.	No	14.47505
569	GLOBAL	Cartesian	14.47505	13.05	-6.	No	14.47505
579	GLOBAL	Cartesian	5.25005	-1.95	-2.	Yes	5.25005
580	GLOBAL	Cartesian	5.25005	-1.95	-3.	Yes	5.25005
581	GLOBAL	Cartesian	5.25005	-1.95	-4.	Yes	5.25005
582	GLOBAL	Cartesian	5.25005	-1.95	-5.	Yes	5.25005
583	GLOBAL	Cartesian	5.25005	-1.95	-6.	Yes	5.25005
595	GLOBAL	Cartesian	5.25005	0.05	-1.	Yes	5.25005
596	GLOBAL	Cartesian	5.25005	-0.95	-1.	Yes	5.25005
597	GLOBAL	Cartesian	5.25005	-1.95	-1.	Yes	5.25005
714	GLOBAL	Cartesian	13.45005	0.05	-2.	Yes	13.45005
715	GLOBAL	Cartesian	13.45005	0.05	-3.	Yes	13.45005
716	GLOBAL	Cartesian	13.45005	0.05	-4.	Yes	13.45005
717	GLOBAL	Cartesian	13.45005	0.05	-5.	Yes	13.45005
718	GLOBAL	Cartesian	13.45005	0.05	-6.	Yes	13.45005
730	GLOBAL	Cartesian	13.45005	-0.95	-2.	Yes	13.45005
731	GLOBAL	Cartesian	13.45005	-0.95	-3.	Yes	13.45005
732	GLOBAL	Cartesian	13.45005	-0.95	-4.	Yes	13.45005
733	GLOBAL	Cartesian	13.45005	-0.95	-5.	Yes	13.45005
734	GLOBAL	Cartesian	13.45005	-0.95	-6.	Yes	13.45005
746	GLOBAL	Cartesian	13.45005	-1.95	-2.	Yes	13.45005
747	GLOBAL	Cartesian	13.45005	-1.95	-3.	Yes	13.45005
748	GLOBAL	Cartesian	13.45005	-1.95	-4.	Yes	13.45005
749	GLOBAL	Cartesian	13.45005	-1.95	-5.	Yes	13.45005
750	GLOBAL	Cartesian	13.45005	-1.95	-6.	Yes	13.45005
762	GLOBAL	Cartesian	13.45005	0.05	-1.	Yes	13.45005
763	GLOBAL	Cartesian	13.45005	-0.95	-1.	Yes	13.45005
764	GLOBAL	Cartesian	13.45005	-1.95	-1.	Yes	13.45005
779	GLOBAL	Cartesian	13.45	0.95	0.	No	13.45
780	GLOBAL	Cartesian	13.45005	0.05	0.	No	13.45005
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

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
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
794	GLOBAL	Cartesian	6.35005	0.05	0.	No	6.35005
795	GLOBAL	Cartesian	5.25	0.95	0.	No	5.25
796	GLOBAL	Cartesian	5.25005	0.05	0.	No	5.25005
806	GLOBAL	Cartesian	13.45	2.05	0.	No	13.45
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	5.25	2.05	0.	No	5.25
821	GLOBAL	Cartesian	13.45	3.15	0.	No	13.45
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	5.25	3.15	0.	No	5.25
836	GLOBAL	Cartesian	13.45	4.25	0.	No	13.45
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	5.25	4.25	0.	No	5.25
851	GLOBAL	Cartesian	13.45	5.35	0.	No	13.45
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	5.25	5.35	0.	No	5.25
866	GLOBAL	Cartesian	13.45	6.45	0.	No	13.45
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

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
874	GLOBAL	Cartesian	5.25	6.45	0.	No	5.25
881	GLOBAL	Cartesian	13.45	7.55	0.	No	13.45
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	5.25	7.55	0.	No	5.25
896	GLOBAL	Cartesian	13.45	8.65	0.	No	13.45
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
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	5.25	8.65	0.	No	5.25
911	GLOBAL	Cartesian	13.45	9.75	0.	No	13.45
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	5.25	9.75	0.	No	5.25
926	GLOBAL	Cartesian	13.45	10.85	0.	No	13.45
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	5.25	10.85	0.	No	5.25
941	GLOBAL	Cartesian	13.45	11.95	0.	No	13.45
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	5.25	11.95	0.	No	5.25
956	GLOBAL	Cartesian	13.45	13.05	0.	No	13.45
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

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
964	GLOBAL	Cartesian	5.25	13.05	0.	No	5.25
974	GLOBAL	Cartesian	13.45005	-0.95	0.	No	13.45005
975	GLOBAL	Cartesian	13.45005	-1.95	0.	No	13.45005
976	GLOBAL	Cartesian	12.35005	-0.95	0.	No	12.35005
977	GLOBAL	Cartesian	12.35005	-1.95	0.	No	12.35005
978	GLOBAL	Cartesian	11.35005	-0.95	0.	No	11.35005
979	GLOBAL	Cartesian	11.35005	-1.95	0.	No	11.35005
980	GLOBAL	Cartesian	10.35005	-0.95	0.	No	10.35005
981	GLOBAL	Cartesian	10.35005	-1.95	0.	No	10.35005
982	GLOBAL	Cartesian	9.35005	-0.95	0.	No	9.35005
983	GLOBAL	Cartesian	9.35005	-1.95	0.	No	9.35005
984	GLOBAL	Cartesian	8.35005	-0.95	0.	No	8.35005
985	GLOBAL	Cartesian	8.35005	-1.95	0.	No	8.35005
986	GLOBAL	Cartesian	7.35005	-0.95	0.	No	7.35005
987	GLOBAL	Cartesian	7.35005	-1.95	0.	No	7.35005
988	GLOBAL	Cartesian	6.35005	-0.95	0.	No	6.35005
989	GLOBAL	Cartesian	6.35005	-1.95	0.	No	6.35005
990	GLOBAL	Cartesian	5.25005	-0.95	0.	No	5.25005
991	GLOBAL	Cartesian	5.25005	-1.95	0.	No	5.25005

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
2	2.05	-1.	cc0cb63c-6180-4ec5-96e6-7f9ca885d28b
3	2.05	-2.	83f33cc4-67a5-45eb-b7c3-9f7ae79beb85
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
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
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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
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
84	5.35	-1.	baba1bf1-700b-44f6-add2-261935d31943
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
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
141	6.45	-5.	4bf9d718-bc5c-41c1-9e44-f3ef41d3afa7
142	6.45	-6.	54cd0eb2-0d48-4657-ac9-a3c0ae2bc74e
164	7.55	-1.	88c278e3-0b8a-4962-a7bb-85470e05e2a7
165	7.55	-2.	56b06c0e-f6e2-4efe-9d4e-e76be2128c98
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
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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
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
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
245	10.85	-1.	b0e11131-1c5b-45eb-bb32-5023e2b4fef0
246	10.85	-2.	ae41e2d7-6187-45a8-95a5-e7e8c68a88be
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
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
287	-1.95	-6.	2733034e-8b13-4780-a194-451082ac05b4
288	-0.95	-6.	600d6d3b-40b2-4124-b3ad-b75e7d6b5c46
289	-1.95	-6.	8ddb049-fd39-43d5-a1ab-592e71280284
290	-0.95	-6.	088a9ad3-3c2c-4223-85fe-ae6f146053c5
291	-1.95	-6.	e84187d7-19ac-4499-bc4c-bd44c520cb23
292	-0.95	-6.	79c799d7-d1bf-4a86-b9c3-d03b4e8f182c
293	-1.95	-6.	c29b71c1-dcce-42c8-8ae1-44d66cb67e72
294	-0.95	-6.	56042c93-9a85-458f-a143-d24349a13fac
295	-1.95	-6.	ad354271-947b-46db-b9b9-7a5c085eb7f0

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
296	-0.95	-6.	69bf7d31-f2af-44ed-bf9f-100289e65dd3
297	-1.95	-6.	d0620b09-9b4f-4224-ae62-d0dcde02564f
298	-0.95	-6.	9d3d5a35-b9d1-469b-9d79-19f56321a92b
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-4397-8782-6bcc4d829a60
303	13.05	-5.	9e910cd1-ad09-4fcd-9737-80c64bbc5e0e
304	13.05	-6.	fe63dd3a-e131-4561-ae96-e77967195eaf
305	-1.95	-6.	94744a57-d35a-491e-9232-3a8b1cf086d2
306	-0.95	-6.	0fcbecd8-d231-4397-be54-23180c2a7229
307	0.05	-6.	ad455390-3b84-4798-87f3-97efd396e384
308	0.05	-6.	4d171e90-cab5-4981-921c-c3ff63d88bdf
309	0.05	-6.	f03fd330-b14b-4d8f-a89f-fb676990e02c
310	0.05	-6.	60625947-f151-4d06-95bd-798cf1e93489
311	0.05	-6.	fab3f4d1-2795-4250-850b-dea704aa72d5
312	0.05	-6.	d0d91898-c136-4457-8913-bd677f5eda7b
313	0.05	-6.	369e3129-56cb-4f18-ad86-1ac135117ae3
314	0.95	-6.	851eae8-9ca7-411c-892c-d363eb56fb91
315	0.95	-6.	e0642b77-7c79-43a1-b307-e6594bca26f1
316	0.95	-6.	e86799c4-65b1-49a4-a078-cc36639f4f92
317	0.95	-6.	bd610e58-8c0d-4096-8c40-e5ab091c6839
318	0.95	-6.	3c2a3bca-0426-4c94-8316-7f098aeed1d9
319	0.95	-6.	37bc45ba-03ec-4804-bf87-66f794fe6bfb
320	0.95	-6.	06a93748-bfcd-4047-b232-6e1036ac8ed4
321	2.05	-6.	ba5820d5-01c4-45ea-980d-1d251ad69247
322	2.05	-6.	9642e6e4-e5ec-4933-88f9-4f1d46161a26
323	2.05	-6.	1ce1ce48-e65a-4614-afb-d-4c6770dd5da5
324	2.05	-6.	77e4b2ed-4774-451b-a2aa-cdbc92a398ef
325	2.05	-6.	13aec7ed-02cb-4ff8-9c4d-d3bf0d9e601b

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
326	0.95	-1.	5122bd45-9f14-4ac3-b8e f-90dfbc751e13
327	0.95	-2.	a87dcc0f-e671-4bc7-8cc 7-b0a61b6f2bf6
328	0.95	-3.	57b967d4-cf4c-4588-846 a-4c1256d7a1b8
329	0.95	-4.	99361b5a-9c13-427f-a7f 8-61de84707d4e
330	0.95	-5.	29275750-d2cf-4fbe-8eb 2-cc9e290c2d48
331	0.95	-6.	ae244510-bf37-4142-ab6 a-866ef0f6e417
332	2.05	-6.	6fda245c-29aa-4468-8a0 5-c0e37ad0727f
333	2.05	-6.	e234d468-0d8f-4511-a84 7-bd57dccb00be
334	3.15	-6.	9717a8c3-6664-4604-bb 91-ac5a8c9f7922
335	3.15	-6.	61965445-3b1f-4b4f-85a 6-b9c3b323145a
336	3.15	-6.	3a9fba64-c9dd-4c59-901 a-e39a940c8706
337	3.15	-6.	7c4f5cfa-ce84-4f0f-ae5d- 72b3045cff08
338	3.15	-6.	42727d18-03f6-4197-906 1-533fc24fad24
339	3.15	-6.	ebb24480-171a-4e85-8d 31-51dceebf6028
340	3.15	-6.	f646c135-f490-4708-a2a 2-40d436992933
341	4.25	-6.	afacba47-2d82-4402-a60 5-08be5d461768
342	4.25	-6.	33fff865-bf50-44b2-9972- 3285d655f249
343	4.25	-6.	1d7ba033-af2d-41f5-90e 2-2b23667d5e13
344	2.05	-1.	0893e50d-a945-4f92-a8e 9-0eecaf0fb682
345	2.05	-2.	30695593-35c6-4529-90 04-eb68aa1b16be
346	2.05	-3.	30adbbad-684f-4a75-a6d 4-35cfc5bea78a
347	2.05	-4.	cfeaf775-545e-4b0a-9c5 1-3a8c05701119
348	2.05	-5.	86c9196d-04b9-467a-93 2e-8470de6ea72f
349	2.05	-6.	99051b78-596a-468d-85 e9-5bb8129b35d3
350	4.25	-6.	8c351a25-6217-48ed-8f3 d-11cdf5af092c
351	4.25	-6.	86d64f7c-bf3d-436d-8e0 0-25755d7e8106
352	4.25	-6.	a5819d4b-cfce-4468-a02 5-eadd804b9f2c
353	4.25	-6.	4b44a722-a0ed-4f16-afb c-18017e24029d
354	5.35	-6.	dcf54d69-4810-4b6a-b90 c-19076de6454c
355	5.35	-6.	cfb5ee47-3d25-4df3-bb4 8-f5f17c3b590a

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
356	5.35	-6.	82a52a5a-41d7-4b58-8ce0-6330903cd7e7
357	5.35	-6.	dc98a691-38c7-44e3-8119-c948931a77c6
358	5.35	-6.	48e69ad8-a205-42a1-adcd-b8d3c2f50d50
359	5.35	-6.	23625733-1905-4c7c-8bd0-e48862aa4827
360	5.35	-6.	f2a91675-e77a-4b36-90ab-43c67b82e5ac
361	6.45	-6.	5b86c03e-3709-4008-8741-9b59eb378344
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	6.45	-6.	da94b704-67c6-4698-a196-3500ba86dd31
369	6.45	-6.	68063f19-2900-48f1-ab5e-c1335ed002ed
370	6.45	-6.	77682f42-d027-4379-9a21-2f8589c76127
371	6.45	-6.	52f36991-1140-46bd-8cd5-5ae6a7e6cbc3
372	6.45	-6.	10a9b59e-d9c5-4954-a1b4-64a33eac9b89
373	6.45	-6.	98386cd7-d5eb-465d-9a5e-28f153f29d89
374	7.55	-6.	4d0a38b0-45aa-43ea-900e-ac1bfe9ac4bb
375	7.55	-6.	87f36f8b-5a95-4f90-83a1-4f7a7b217f11
376	7.55	-6.	fc547479-63cb-484e-bf31-dcc442e1a29e
377	7.55	-6.	197bdd2e-6f06-4e50-b778-8981f5e70eea
378	7.55	-6.	b24c47a9-a6b8-453e-a2f5-4233b65a787a
379	7.55	-6.	79721f05-4ea3-46d5-8fb1-7811aaa41a15
380	4.25	-1.	ceb4bb51-dabb-4f00-bd6c-0299b797b1d1
381	4.25	-2.	343a8ffc-0b96-4d7c-8051-bfab810d3417
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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
386	7.55	-6.	64a44219-7bda-4b59-bac5-c38bd96beee3
387	8.65	-6.	03be9a30-73c2-45a2-8c2d-1e184eadadc7
388	8.65	-6.	816d5008-2776-4c68-94b4-8d29fd643526
389	8.65	-6.	b1e18828-6cb7-4aba-b4ea-f6db3bf3ec18
390	8.65	-6.	4f15e7f5-cfdb-4db3-8b95-6a1e864b2874
391	8.65	-6.	0b366ea0-7300-47db-b306-c9048896ceb4
392	8.65	-6.	143f7368-35d6-47bc-a1b2-6324c4a80501
393	8.65	-6.	8828c7d6-2fd6-4342-9e2b-cb8300d2cfd8
394	9.75	-6.	161207d8-3298-45f7-ace4-f01972ac7ba4
395	9.75	-6.	d6447fd2-8a67-44b1-acd3-bb855906cee8
396	9.75	-6.	b36f6b5a-aa7a-4476-b1d9-2143de5fdcc8
397	9.75	-6.	bae7a1cd-f712-4c1e-85c8-76bd57e00936
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	9.75	-6.	8b916f3f-2046-4fd3-ab53-c0a415b11594
405	9.75	-6.	801f51fb-fe47-4141-b9c8-8b068a5f1bce
406	9.75	-6.	15675488-4f52-4c27-9032-fdd61138b24c
407	10.85	-6.	0523abb3-2b98-4140-95f2-f743062196a2
408	10.85	-6.	1b28a4c4-d9df-4c6d-8506-382f3899d4cf
409	10.85	-6.	01a914b1-4955-46ce-a57d-a838b9e07b79
410	10.85	-6.	87098fa0-0c94-40d1-a8ba-f606c63f242d
411	10.85	-6.	7f7b2605-f30f-4849-a0a9-a1306fc77c23
412	10.85	-6.	2c6c635d-8b9d-47f3-8161-da58db812cc2
413	10.85	-6.	2144ad13-30c2-4ce5-9e4d-3de82ba822d7
414	11.95	-6.	7d0b7759-da4d-48a9-ada4-ee0e7e621fcb
415	11.95	-6.	926302f3-1a68-41dc-b41d-266b71fab798

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
416	6.45	-1.	574f8fa2-4fed-4970-af48-19e91ed30208
417	6.45	-2.	3904464a-71ed-43f8-b3e9-7f2963184afc
418	6.45	-3.	cebcb338-c256-4203-ab30-8abfcd9f6c8
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	11.95	-6.	6e586976-87ad-4e2c-9a23-ed2baf8691a
423	11.95	-6.	4b16ed65-9d5b-4a6f-a186-e932f0e5e2a7
424	11.95	-6.	b05721f4-e1d8-4b12-a517-b4c43d1f2fd5
425	11.95	-6.	30fb47da-bd3a-457e-b919-01ef9854a303
426	11.95	-6.	e2ab2b2e-c06c-4b52-912e-fec47927f1af
427	13.05	-6.	0fec52a9-be28-45dc-895e-b9b3f05e5c50
428	13.05	-6.	a4d2be50-2fc8-4ec8-adc8-43773b356d33
429	13.05	-6.	593ea5a9-3854-493d-b937-9fc76c1ba445
430	13.05	-6.	37a5265d-b3c1-4cd9-be38-785defeb7
431	13.05	-6.	ef9e91d1-a60f-42e5-b83f-a6b4d5aa07fe
432	13.05	-6.	2b56e714-5a7f-400a-9f84-ba9cc2fd486c
433	13.05	-6.	84352225-7952-47ac-a92d-75cf5bc10bde
434	7.55	-1.	5e795c2c-24be-4a47-a931-097d69f161c3
435	7.55	-2.	609170fa-4156-4444-980b-6fbd27bc869b
436	7.55	-3.	26c8fbc8-0a3e-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	-1.95	-6.	f5269f96-252e-4fc5-975c-773e88fb09b8
441	-0.95	-6.	e81f228f-5a0a-4105-8564-fb74df13fbd4
442	0.05	-6.	f44bc613-b081-4f43-9734-6b88056e73eb
443	0.95	-6.	1291aef9-f203-42f9-8f0c-553c9ac9f358
444	2.05	-6.	4a863cd0-7baf-4111-9599-b8f3cd303f13
445	3.15	-6.	5eaef1b0-b089-4000-9993-cf2900f32301

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
446	4.25	-6.	72b50dfb-ba07-4088-836 b-c63b9ef1b8f9
447	5.35	-6.	3bbe4bab-7fdc-403b-9d8 4-973a0e3f1a7e
448	6.45	-6.	835bf485-b397-464f-a5b 7-1e4e6582c3b3
449	7.55	-6.	9923dfba-bb11-44eb-99d c-cdc95a64fb86
450	8.65	-6.	cbf5c812-a228-4837-9d5 0-eaf4a1db1f5b
451	9.75	-6.	92f42a8d-b68a-4942-909 6-a34fba623aa
452	8.65	-1.	0d7b4447-e192-405a-9d a5-b701eabbb6cc
453	8.65	-2.	0bb9ca67-f6be-42e7-ad8 d-5169909fc69e
454	8.65	-3.	448522e6-ab8f-4b8b-850 b-36d79b06b10e
455	8.65	-4.	d1b08f69-3f87-4f12-a1ad -a819f123558b
456	8.65	-5.	43462413-6c76-40b2-99 c9-96d71283dc15
457	8.65	-6.	c5618933-4788-4b94-83 0d-5ef12574e842
458	10.85	-6.	0546887a-f2fe-4f13-af7c- fd0a70bbc06b
459	11.95	-6.	1636eaa2-1055-4b9d-b3 7f-68f06df89978
460	13.05	-6.	45575f77-f59d-44fa-bd06 -ae358bb872ef
470	9.75	-1.	4c0e5506-b1d5-47d4-a6 ac-cf9a4b1774ba
471	9.75	-2.	43a4167a-a1f0-4c65-b0a e-d987e33d54af
472	9.75	-3.	a8b1f4a2-2075-4f7c-87b 8-58d717e66e4e
473	9.75	-4.	d0a4fc55-365e-49dd-9cd c-b21c209768a9
474	9.75	-5.	2995921d-d83e-4957-9b da-dc3a14369bc8
475	9.75	-6.	60f1739d-2ca1-4dda-8db 5-99fa3e4d2d2c
488	10.85	-1.	c08ab184-fa89-44a5-a9b a-115f5f6b4141
489	10.85	-2.	1e6a7c9c-d423-419c-a7f 9-1cf9cc6c699d
490	10.85	-3.	8282c1c6-9cda-4cc4-bfbf -f62f888fff44
491	10.85	-4.	3e5838cc-471c-4b2f-b7e e-43ee59b1f7d2
492	10.85	-5.	92296484-c511-4892-b5 39-8854ee06d8ee
493	10.85	-6.	1673668f-7915-4c08-99e 3-d455d0409fae
506	11.95	-1.	a549db73-20d3-45aa-b0 96-5175c1843bc3
507	11.95	-2.	45a94494-a8cb-42aa-80 8d-2331031406df
508	11.95	-3.	e59cac03-d6d3-46b6-95 e3-90ffdb89b2cf

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
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
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
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
546	0.05	-5.	5de164ae-7be9-4764-8b62-05b1de8c379a
547	0.05	-6.	21e939ef-3452-4040-a124-a3be544baaaf
550	-1.95	-6.	79b2ead4-db1c-4b3d-b7fe-6ba3c3b46bc9
551	-0.95	-6.	56b55b70-25b7-4004-9a91-86c9a4c6d070
552	0.05	-6.	a30091f4-3a37-45df-bc17-d60bf621a2f5
553	0.95	-6.	0074b1d7-ee84-4aa5-855f-4c8c81177f08
554	2.05	-6.	b1dd5864-14f1-4508-8bb0-cf74bd588986
555	3.15	-6.	6370d9c3-6083-47b7-834a-34a0af684278
556	4.25	-6.	a0dce25f-3f2d-458f-946b-3c313991cd4f
557	5.35	-6.	302d2bad-2c75-4ef9-9d12-2f78fac81ca4
558	6.45	-6.	bd2542cf-bd89-4b9e-8b2c-fa1f1beba72a
559	7.55	-6.	4dc26bb0-bef9-435c-a3df-0ae0268451d5
560	8.65	-6.	2ac4a265-6936-4820-a54c-bbd2066e2780
561	-0.95	-2.	158109fb-e35a-4525-8b92-50e3f8ed4b73
562	-0.95	-3.	50aa7980-1bd8-407b-93b9-523cf989d385
563	-0.95	-4.	e48498d2-ab27-452c-a810-ccb090c134ad
564	-0.95	-5.	764e46a9-7630-4d3b-9d29-6c51a1523e63
565	-0.95	-6.	0e0272b9-018d-4191-a997-a98a7e3d125d

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
566	9.75	-6.	0af29135-5188-4163-a252-9149547bd52c
567	10.85	-6.	e7f5c914-f0db-458a-a61c-c54b14697b94
568	11.95	-6.	b3e00843-5140-4cf1-bc9e-d2c130a7526d
569	13.05	-6.	5bb77d95-26ed-447f-8b7d-3b873e0126f0
579	-1.95	-2.	1ff9f26d-dfc2-4775-8146-6d4cca2f2c6d
580	-1.95	-3.	56099038-c896-4f69-9575-bfb07159381a
581	-1.95	-4.	26ba5e2d-fc0b-45af-bbed-61a3956e474d
582	-1.95	-5.	619a2a00-21a6-4686-8249-34453904b135
583	-1.95	-6.	0361e6ce-ba70-4258-8bd4-cf242291df24
595	0.05	-1.	55d3dd09-4a2a-4c20-892d-2e6e8e4864a5
596	-0.95	-1.	8ff95bb9-df59-4f73-9cf3-193bc7e5c9dc
597	-1.95	-1.	e3a64bcd-7150-4c70-8d6c-7c617b8b011e
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
730	-0.95	-2.	f9b85609-0735-4c0d-af39-80d30b27864e
731	-0.95	-3.	22e0daef-ed12-4257-bb28-78eccc891af4
732	-0.95	-4.	8f45a581-28d4-4aa9-b526-6edce7eb2b5a
733	-0.95	-5.	e594b083-3300-49c9-96e2-7d96ffbc7b94
734	-0.95	-6.	8ceb9e74-5a22-4a65-8447-99cecf2c9968
746	-1.95	-2.	8771b00d-f2ae-4049-a1ba-ff0451f89ec3
747	-1.95	-3.	a8abfb83-ae92-41a4-9d44-973d5600c001
748	-1.95	-4.	a9915381-1f68-4b4c-b30e-d5552b329df2
749	-1.95	-5.	1a84ddf2-f21f-47c4-9290-a4cd24e8d947
750	-1.95	-6.	58ce8677-ca4d-4527-8ca5-f8871d4d9b95
762	0.05	-1.	92931b03-eb19-4185-bed2-4dbba8dbe329
763	-0.95	-1.	84ca8574-2f4f-448e-8672-0bdedde68f40
764	-1.95	-1.	bdefca44-6bf2-445d-82ac-289eb3e1d7ae

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
779	0.95	0.	d02b14e6-fd62-418c-8356-8ba85ec67ae3
780	0.05	0.	cab7ccab-5154-4dfa-a1a b-9ab50b6f3d84
781	0.95	0.	b1f93f68-1c97-49da-9b7 a-b92f7423fa16
782	0.05	0.	48f09e4d-8085-4077-91d 7-fd05509b1c31
783	0.95	0.	6c366368-974b-42c6-b6 1c-3f385b9658d5
784	0.05	0.	2826c334-4055-4338-82 a1-560396ba7ae5
785	0.95	0.	1b7f0705-5ec0-4b25-8d4 c-48ffb321e469
786	0.05	0.	a2b0b1f9-8706-46e5-b87 e-f8d554a645ff
787	0.95	0.	e88be5d2-883d-4726-87 09-2e575d450065
788	0.05	0.	089eeef6-e812-4550-854 8-fc976188ea18
789	0.95	0.	d367722c-7c9b-438c-93 47-669a4e202c48
790	0.05	0.	14bf13a7-7f15-4904-a6f9 -b2a6c293aa4a
791	0.95	0.	624f3492-2622-45d6-89a f-fb56b89508e6
792	0.05	0.	2929fbf4-2e54-47ca-8c7 5-68b3f3710025
793	0.95	0.	ff8ce6ef-c5fb-492f-9655- 34b8acd76b82
794	0.05	0.	1ae6872a-6ad2-4596-ad c5-d453a4aff7a4
795	0.95	0.	d562be2c-c6eb-4c6e-9f7 4-055b09b7aece
796	0.05	0.	d153ef87-e4e0-4c8d-bb9 8-5c7fd6b7640d
806	2.05	0.	f4144d70-bd74-4213-a61 d-28e0a37d3a9b
807	2.05	0.	3ab20e2d-9393-4105-9f4 1-b53f4b50856e
808	2.05	0.	acd14bb6-7122-402d-8fb d-ef92c5fd6612
809	2.05	0.	1792ad96-59bc-41b0-99 79-057ddf26d2f2
810	2.05	0.	034e6842-19ca-41eb-8a 2e-31296cfdae9f
811	2.05	0.	530b9141-7ffe-4c03-9bb d-dc92fa51fe63
812	2.05	0.	04c643d4-4445-44f8-b17 f-69d32aaca64e
813	2.05	0.	031020c1-1517-466d-83 28-2af44d19c021
814	2.05	0.	1efd619d-04fd-4705-b03 e-64342b757b12
821	3.15	0.	e596918d-b48c-4582-9ff c-c2db52276e38
822	3.15	0.	31a6e4e5-ccfb-41d4-8fb e-03e8da5ff117
823	3.15	0.	bff3f596-baec-4279-997a -807aaa1ed84d

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
824	3.15	0.	e7d12bf3-9733-4201-bed 8-1cdf823d3bc1
825	3.15	0.	d2d6a73c-c7cc-491d-9cc 2-362698dedc5c
826	3.15	0.	2f10dc45-4fe5-4075-8ce 8-3498912ea44b
827	3.15	0.	51df6f55-af38-4916-8c9d -6295c4c9776c
828	3.15	0.	b5fe1a23-93fc-4da9-a98 3-18de0623040f
829	3.15	0.	87553b28-242e-48a4-82 92-35104d07adc3
836	4.25	0.	d20bc8e5-e07e-4a94-bc 10-9bab7b365fd7
837	4.25	0.	cad3ca8d-df81-43f1-92c 9-66b405fb2863
838	4.25	0.	10a061ef-48db-4516-a6d 5-c03e3f34908c
839	4.25	0.	a4d263e2-7d95-4134-be 08-adc12c8aa86f
840	4.25	0.	c87c7f91-6ce0-447c-be4 1-a800c10f9eda
841	4.25	0.	7180e89e-859d-4445-a8 76-dc28ba08f060
842	4.25	0.	a13f2fc7-fbfa-4736-bc94- ba521ed695cb
843	4.25	0.	22a1ac73-528f-40a3-a89 a-652af12bc548
844	4.25	0.	bdddf55-274a-4d85-975 4-81a48a001dbb
851	5.35	0.	fdde1c19-c6cc-4321-9f85 -9f839179ffa2
852	5.35	0.	b7a8ca34-7393-47f1-a4d f-d151d7edd115
853	5.35	0.	485fb3d1-b611-48d5-82d 2-8a8173052324
854	5.35	0.	a5d02aa3-185a-404b-aa 87-f3d251168103
855	5.35	0.	7f0173a4-419c-44fe-b9d 2-7c4ec57bb188
856	5.35	0.	e6e3e17b-f5f1-435d-aba 9-7cf977d56a5f
857	5.35	0.	0085b12c-878e-485f-80a 1-b298b60d85e7
858	5.35	0.	f73ffbc8-bbab-4c74-8014 -ef220c7ae91a
859	5.35	0.	90f10439-977b-4749-99c 3-ac10ba7a3aa7
866	6.45	0.	0806e905-9cf8-49df-88f6 -ef884ddc0f1d
867	6.45	0.	0ac6cbca-80ee-4dfd-947 4-1c33094b71ff
868	6.45	0.	397abd21-3075-4c57-b1 cf-6130782460f4
869	6.45	0.	db7a5902-3f49-4eb3-957 b-fd14747e8cb4
870	6.45	0.	6b74fa05-b614-4d86-aa6 a-961010ff31de
871	6.45	0.	95f21bca-babc-4809-834 b-af54acf98f96

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
872	6.45	0.	f274e12a-0909-4840-b5b b-ddea600ecc14
873	6.45	0.	daf9673f-57d0-42f7-874a -1020b4d72d8d
874	6.45	0.	f1c734fd-27f6-4385-8d47 -b16b76e43fce
881	7.55	0.	6f319d15-900a-4e14-9c0 4-acb4f0bc1cf4
882	7.55	0.	b1b2159d-45d4-44b9-84 c0-e6b806ca93c2
883	7.55	0.	c2f00fb9-f934-41e6-9a99 -ead574b79d14
884	7.55	0.	0a688386-70d0-46b5-97f 4-036e1219055f
885	7.55	0.	105d7211-aef5-4b4d-9b6 d-c7c5c42a436c
886	7.55	0.	457076a4-8a99-41c7-a1 e0-b0e85a55ef5c
887	7.55	0.	b6343ab8-6e6d-49bb-97 7a-3813c3a5a8a1
888	7.55	0.	97adde0f-5276-40e2-a2d 1-ba70f8f93961
889	7.55	0.	f7c1f792-bfa2-4361-916b -ac90f420a25e
896	8.65	0.	2a1c9e04-4cf6-4868-809 e-bc4c8b4ac0be
897	8.65	0.	b909ce65-9987-4c5c-96 98-c2b543e2776d
898	8.65	0.	61fb735a-bfc2-4bbd-990 0-39ba5d6613c6
899	8.65	0.	f4129cd9-e24f-4516-a12 e-b84453d1f6d7
900	8.65	0.	abf11ece-b900-4405-afc 9-8c8936e08561
901	8.65	0.	039fec40-ce93-480f-9fff- 3a7af723cb83
902	8.65	0.	de638c6a-38c9-4869-89 0a-c209aaaa177e
903	8.65	0.	04acfdab-e900-44cd-bc6 a-fae29bcc33e7
904	8.65	0.	dbba925d-d804-4505-8a 89-510651500159
911	9.75	0.	9a8b0ec9-6714-48ef-81a 3-98c43a16d7ed
912	9.75	0.	ea8c4f16-6cec-4dc2-97c d-488701670d38
913	9.75	0.	ce8d86ad-3a9e-4d86-b1 7f-b7587678a633
914	9.75	0.	b2712e37-04aa-40c6-9f9 1-0c422d9b2acd
915	9.75	0.	3a22c7d7-cd17-438e-8a e6-3ec862661fc3
916	9.75	0.	7f9a894f-7988-4bd1-9fc5 -45571f6fc56a
917	9.75	0.	1ca7d11c-4f6d-4fbd-9a7 4-8c6eb0c58b45
918	9.75	0.	54f3a8f2-255a-4719-98e 4-778b4b3d5cdf
919	9.75	0.	12a5f144-f22a-4e29-adf6 -1de3e355f3c9

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
926	10.85	0.	cf2c0a0d-420f-4a9e-a305-77cb8a2f2707
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
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
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
974	-0.95	0.	9807e9ab-8b80-4059-ab15-de81955be4ce
975	-1.95	0.	01d040be-2a10-4866-a3bd-e0dbb45753fe
976	-0.95	0.	ece821d9-706a-4570-bee0-fd357a1f4691

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
977	-1.95	0.	5f74349a-baa9-4b70-a81d-4fb8c6398b9d
978	-0.95	0.	1d4c807a-8743-4494-8b65-a044ef5f7699
979	-1.95	0.	40e61112-606e-4044-9744-87533357c8f9
980	-0.95	0.	2cdc9cdc-6455-458f-9e72-a39a536d42ec
981	-1.95	0.	6b93199d-8741-4ebf-8fc-c-6f968d0c4c8b
982	-0.95	0.	53dc1702-ab2d-49f6-bd6a-a0d004603461
983	-1.95	0.	7877faf9-02fb-4575-9936-d5680c2759be
984	-0.95	0.	bb448750-4e59-4cd9-a82c-60d50e9812c2
985	-1.95	0.	b48d820c-588e-440f-bca-a-5a75f8d59d7e
986	-0.95	0.	17160b00-6b5c-4615-b4c3-ad8efaed504f
987	-1.95	0.	2d3530c9-a9ef-4fff-997f-095078bdb444
988	-0.95	0.	f1884858-63b2-4644-b5fe-994b12988be4
989	-1.95	0.	768c5c70-01a9-4a4a-a502-fb1b2668edf4
990	-0.95	0.	5041e0b7-f228-4ad9-a3b0-379a59218078
991	-1.95	0.	4c23bc82-be54-4a1b-aa25-a6d908caa5cd

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
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.
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.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
30	G2_terr	GLOBAL	16.	0.	0.	0.	0.
30	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
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.
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.
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.
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.
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.
168	G2_terr	GLOBAL	48.	0.	0.	0.	0.
168	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.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1	F2	F3	M1	M2
			KN	KN	KN	KN-m	KN-m
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.
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.
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.
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.
299	G2_terr	GLOBAL	16.	0.	0.	0.	0.
299	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
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.
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.
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.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
347	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
348	G2_terr	GLOBAL	-48.	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.
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.
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.
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.
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.
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.
455	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
456	G2_terr	GLOBAL	-48.	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.
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.
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.
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.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
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.
597	G2_terr	GLOBAL	16.	0.	0.	0.	0.
597	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.
779	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
780	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
786	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.
790	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.
795	G2_terr	GLOBAL	8.	0.	0.	0.	0.
795	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
796	G2_terr	GLOBAL	8.	0.	0.	0.	0.
796	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
806	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
809	Q1_traffico	GLOBAL	0.	0.	-100.	0.	0.
811	Q1_traffico	GLOBAL	0.	0.	-100.	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
814	G2_terr	GLOBAL	8.	0.	0.	0.	0.
814	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
821	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
824	Q1_traffico	GLOBAL	0.	0.	-100.	0.	0.
826	Q1_traffico	GLOBAL	0.	0.	-100.	0.	0.
829	G2_terr	GLOBAL	8.	0.	0.	0.	0.
829	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
836	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
844	G2_terr	GLOBAL	8.	0.	0.	0.	0.
844	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
851	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
854	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
856	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
859	G2_terr	GLOBAL	8.	0.	0.	0.	0.
859	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
866	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
869	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
871	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
874	G2_terr	GLOBAL	8.	0.	0.	0.	0.
874	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
881	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
889	G2_terr	GLOBAL	8.	0.	0.	0.	0.
889	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
896	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
904	G2_terr	GLOBAL	8.	0.	0.	0.	0.
904	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
911	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
919	G2_terr	GLOBAL	8.	0.	0.	0.	0.
919	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
926	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
934	G2_terr	GLOBAL	8.	0.	0.	0.	0.
934	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
941	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
949	G2_terr	GLOBAL	8.	0.	0.	0.	0.
949	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
956	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
964	G2_terr	GLOBAL	8.	0.	0.	0.	0.
964	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
974	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
975	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
980	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.
984	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.
990	G2_terr	GLOBAL	8.	0.	0.	0.	0.
990	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
991	G2_terr	GLOBAL	8.	0.	0.	0.	0.
991	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.

Table: Joint Loads - Force, Part 2 of 2

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
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
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
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
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
57	G2_terr	0.	f0603af1-8914-4273-a0cb-b77a9f52533e

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
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-fee-4957-a215-bdad2e31f687
61	G2_terr	0.	43150246-e473-4998-bce1-5f991a21c6ec
61	Q_sisma	0.	24e3f90c-5bb9-4f10-b7cd-61a50101e081
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
111	G2_terr	0.	7e95c56c-b120-4fb4-b528-9701b264551c
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
164	G2_terr	0.	2f6790db-8eb1-48b3-aa5e-56a79b312b75

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
164	Q_sisma	0.	cf9cf80-2312-42da-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-abc e-8f9e4addffc8
168	G2_terr	0.	cd71c6c6-f28d-4f75-820e-e9d2fd3bcd23
168	Q_sisma	0.	d0926e73-a711-4f4c-adf9-c1c97b29d1cc
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
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
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
245	G2_terr	0.	ca0fdd2c-d21c-47b5-ad39-4266bd6400fe

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
245	Q_sisma	0.	1f6c0823-aca0-49ae-b4c e-5e20ec28f37d
246	G2_terr	0.	8c404104-5a35-4443-b4 1b-8df6f87470ca
246	Q_sisma	0.	92330a1f-a33f-40bc-bd1 2-e7fe864eed66
247	G2_terr	0.	3bfbd2b-e6a6-4b94-beb 1-fb57a0ec7598
247	Q_sisma	0.	69fb6dd7-d0aa-4e0a-973 3-681f01217d29
248	G2_terr	0.	8a7a34b6-a8a4-4e1c-ab 18-d353fd1eb419
248	Q_sisma	0.	35466eee-c005-471b-84 ce-2d79dcbd156a
249	G2_terr	0.	49c8ea5c-5e68-4399-83 36-d0d4c782bf2d
249	Q_sisma	0.	6c406d53-afed-456d-982 1-b2406196d510
272	G2_terr	0.	8d90586e-0ddc-406c-bc 92-1ff7dd083b59
272	Q_sisma	0.	1deacd2b-6dcb-4f26-99e 7-1410c75469ed
273	G2_terr	0.	8a3965bc-bf16-4c42-9ad e-b4d3f86d03b9
273	Q_sisma	0.	cab52e84-628c-40c3-83 d2-0f87331a367e
274	G2_terr	0.	c2bd1e74-a945-4ab6-ae 8e-7a7d422a844b
274	Q_sisma	0.	3911c562-8773-4f5b-b08 4-1dc1903727b6
275	G2_terr	0.	4a146b05-7658-41d5-bc 69-3f5181e79c0b
275	Q_sisma	0.	0cdef8df-8094-49cd-9b4 2-06cf168c5bc2
276	G2_terr	0.	b3b51718-24ba-446d-a0 00-6f7ae48cef72
276	Q_sisma	0.	c87b4194-334c-4e5c-91 21-e0e6250c9bce
299	G2_terr	0.	6e180113-11a0-45d1-83 ca-0b0d72ffd533
299	Q_sisma	0.	b703ece5-c340-4479-92 be-2d687c3d46e7
300	G2_terr	0.	a8ab39e0-5d84-42f9-80b 8-5c210d1fa725
300	Q_sisma	0.	5ca87826-9a99-4288-b0 4c-f2452e857717
301	G2_terr	0.	e49e5ea8-0107-4523-8f1 4-812c6804b26c
301	Q_sisma	0.	d14caae4-2f89-4985-9d1 6-772fac896bd0
302	G2_terr	0.	ed798bf0-f689-4f2d-a090 -024af09592d5
302	Q_sisma	0.	fffcef74-74b1-477f-8e6c- c04ca5c47c51
303	G2_terr	0.	d91aba59-b8b9-4736-b2 06-43e840466911
303	Q_sisma	0.	1862469f-e959-48f1-ba1 e-fd84ae3fa4cd
326	G2_terr	0.	814b0109-05b8-4f55-a59 b-9e50669eea23

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
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
344	G2_terr	0.	2c5d8f63-6e17-4cf9-a21c-f99407379df2
345	G2_terr	0.	054f013f-6a5a-4736-859c-97d7a240db18
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
362	G2_terr	0.	6b6911a6-948d-41a3-bc99-864550a569a9
363	G2_terr	0.	efdbe143-5635-4235-9c92-4c2bbeef08b8
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
380	G2_terr	0.	b8b028dd-2bf4-4b49-98e0-8a34e81e6522
381	G2_terr	0.	446dc916-7ccd-459e-ad5-1335cc6b1d95
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
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
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-bede-efaa41110bb5
420	G2_terr	0.	0c5d12bf-3b78-4485-8a6e-5371ecd3a08e
434	G2_terr	0.	b071b985-e9c8-43f2-b3a7-00db8e999053

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
435	G2_terr	0.	c5a61e5d-4078-4829-a5 a2-ba3ac8a74a80
436	G2_terr	0.	91283b2b-378c-4e8d-a4 c1-9e6d729adde0
437	G2_terr	0.	3ad47c24-eba6-4518-8d 30-9a52276c3dfe
438	G2_terr	0.	04b24d00-6d4b-4795-9e 72-c1ce89ec5844
452	G2_terr	0.	167b1e88-a07c-462f-9a4 9-075479926b7a
453	G2_terr	0.	fad1a79c-129c-4675-a69 9-6787bdfd4dce
454	G2_terr	0.	e2df1ec7-c143-4c5f-84f 3-34aa9b5fdd00
455	G2_terr	0.	9398a362-1d2d-4ed3-81 57-91a23d9173a6
456	G2_terr	0.	6f519a64-f534-4f9a-9b22 -e0b91d8a94fd
470	G2_terr	0.	2cc8710a-4d81-4772-a4 ee-a179f7e594b7
471	G2_terr	0.	279dc79e-2577-4017-b1 98-0b6d03159a51
472	G2_terr	0.	ded645ae-513f-4790-ae6 5-19b38cd42ab8
473	G2_terr	0.	d6a08fcb-80c4-421a-bbe 4-c400b1d43cb2
474	G2_terr	0.	e5490d1e-5a19-4ce8-82 62-7fb01f9fc5fd
488	G2_terr	0.	cb7a869c-c16d-4b39-9cc 5-900f98a25ac8
489	G2_terr	0.	a6728fde-9a49-482f-bd7f -79cdb67bd5fc
490	G2_terr	0.	774420d6-9aa7-498f-a26 2-91dd09ddb510
491	G2_terr	0.	50810ff0-83d7-4660-add c-add16b02f574
492	G2_terr	0.	4b6d4d26-81f0-4eb4-8a6 a-ef7b524cb28d
506	G2_terr	0.	7da1c3fd-66ab-442b-913 6-cfffa8ef5174
507	G2_terr	0.	4017a1e5-7f19-4c07-b32 3-6e45c911ce6d
508	G2_terr	0.	7f890525-2d1d-455c-ae0 f-630d0e347e08
509	G2_terr	0.	3f4e4d10-77e0-4763-b1c 0-6eab7a28d9bb
510	G2_terr	0.	265a00e2-87fc-4536-806 5-1a1ff5119e61
524	G2_terr	0.	034add48-0dd1-4990-98 36-a840bef0b069
525	G2_terr	0.	9cf2f6f5-98c0-4f13-a435- dd00ab174818
526	G2_terr	0.	3b8487e8-3e87-4d50-89 13-9db3eed78ecb
527	G2_terr	0.	2f78d68d-ca7c-46ed-8bb c-924e1ebb3f17
528	G2_terr	0.	21db5ec9-111f-49e8-894 3-3e42e7a066d2
543	G2_terr	0.	b942e063-7bfb-4985-85e 7-df2228fe136a

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
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
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
714	G2_terr	0.	5c524898-3ad8-47c0-9fb5-58f12c23663d

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
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
779	G2_terr	0.	d5ff9794-1d39-4ba3-a28e-c711f21b5075
780	G2_terr	0.	8f48dbd6-c641-41d7-bcff-bbf5de28298c
786	Q1_traffico	0.	d98a910d-c40b-4fce-a50d-0f8f098058ee
790	Q1_traffico	0.	953654f0-02f6-493c-b9bd-8e59871d1b15
795	G2_terr	0.	ee3d1548-a655-4652-b976-c48d22d764b8
795	Q_sisma	0.	39080279-7385-4b71-a0bd-e2cd93b6a52d
796	G2_terr	0.	8b9778a1-225c-41e5-8cf5-e7d0a63c9ed6
796	Q_sisma	0.	e52d5b35-729e-4fe7-bc37-931556a92947
806	G2_terr	0.	f4bb6481-514c-420b-9bb4-9995dff3fa13
809	Q1_traffico	0.	03cd235c-fc3c-4faf-802c-70ac1c7e5d24
811	Q1_traffico	0.	2b8c285b-fcb0-4009-9c18-25249f3f4640
814	G2_terr	0.	38078949-166a-4571-92ce-9b9bd2006ed3
814	Q_sisma	0.	7b2f38f2-088b-4463-bef5-8f7a2b43816d
821	G2_terr	0.	e904d7f9-85b8-40c6-8a15-218f87ae0631
824	Q1_traffico	0.	6b6c5325-3905-4aaa-8585-54db9bcb42d1
826	Q1_traffico	0.	a18d7a5c-7120-4add-9ac7-656b2b004371

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
829	G2_terr	0.	f65588e3-c8c7-443b-b025-c58e503ac4cd
829	Q_sisma	0.	8e355668-b365-4e30-89f1-18edb08f9ebe
836	G2_terr	0.	20ea0603-3229-4bfa-b84d-e6c94e9eb8b3
844	G2_terr	0.	fe702840-21ee-40d2-b882-67488ce7b6ed
844	Q_sisma	0.	024696d3-6975-45e6-822a-ef5dd00c9360
851	G2_terr	0.	389ba6c4-1c25-4373-aa4b-62cf69f0313b
854	Q1_traffico	0.	67304188-5f5e-4e95-8fc1-10dac3222ff7
856	Q1_traffico	0.	65a2a112-e9cb-474c-b748-b4168e294fcc
859	G2_terr	0.	4d8e4d35-29f2-4fe6-8a14-1661b1e67196
859	Q_sisma	0.	796eabdf-461a-4b19-a846-852f4d5d09cf
866	G2_terr	0.	2a4e3c9d-5199-4b05-a6a0-2a2d97b7e516
869	Q1_traffico	0.	d941b337-12a0-4ea4-8d3e-190f2fc0eca4
871	Q1_traffico	0.	03e35f1e-f1aa-4760-865e-db72dcb4a0c3
874	G2_terr	0.	69be4363-0c77-4a22-99a4-dda1e9db2683
874	Q_sisma	0.	1d3690c4-839a-4f2a-ad79-265ac6afaae8
881	G2_terr	0.	fe47c39f-f403-4cb6-90db-1208fb6e04f9
889	G2_terr	0.	4266d7fb-cd96-42c1-951e-ab6004f7a834
889	Q_sisma	0.	3eed2196-769d-41d7-9fe7-dfd7a950efed
896	G2_terr	0.	a5b8f368-9e84-4d4a-9bf8-dd5924aeb64c
904	G2_terr	0.	c58ebb27-8597-49b4-bf49-f34424546799
904	Q_sisma	0.	ca67fd0e-1dad-4844-848f-7574256827d8
911	G2_terr	0.	2b4a95b3-eccd-4907-8f33-d2def2dedba9
919	G2_terr	0.	33c678c6-9dc3-4bef-ae0a-8705e9d255bf
919	Q_sisma	0.	f0b5eddf-1388-42ce-ad7f-bec1b4cfbc06
926	G2_terr	0.	f8e74605-90a4-4dbf-a8a1-9e9ab12b4714
934	G2_terr	0.	8e0442e4-e398-4ff3-94a5-d05c2299d972
934	Q_sisma	0.	cf5f3f2d-bc8a-45a1-850a-20b54e63bc6e
941	G2_terr	0.	31a12ba7-3f48-40b3-b9ca-8b0909c9c6a9
949	G2_terr	0.	32d7e355-7251-498c-93b2-babcb85b8fe4
949	Q_sisma	0.	35fcaaaa-5fbc-44b8-8029-bf21dcd4ecd4

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
956	G2_terr	0.	72f64a05-522b-4ab9-afdf-2ba98b8633c1
964	G2_terr	0.	c77e9794-4768-4e13-9335-b33baee534ff
964	Q_sisma	0.	9c2a8538-f55c-4a73-80ac-4bf4872eff0c
974	G2_terr	0.	9f718cf8-4100-4019-b3c0-6732fbdbe28d
975	G2_terr	0.	845ab58d-a143-4b68-a40d-0488b55fc547
980	Q1_traffico	0.	450878e8-1ba2-455d-bb5e-63605a94afe9
984	Q1_traffico	0.	0d605440-9857-4019-81cf-7520c82f02e6
990	G2_terr	0.	77f80fcf-a7fc-4412-85d0-9e10f2236e93
990	Q_sisma	0.	435b3c5a-18e8-43a6-aaed-a496763e52c8
991	G2_terr	0.	396e4768-fdf1-42f7-a379-cb9cc9cd04ce
991	Q_sisma	0.	149a4e04-6f40-4f52-a96a-56af1605e90a

Table: Joint Spring Assignments 1 - Uncoupled

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
120	Local	10000.	10000.	10000.	0.	0.	0.
7	Local	10000.	10000.	10000.	0.	0.	0.
35	Local	10000.	10000.	10000.	0.	0.	0.
62	Local	10000.	10000.	10000.	0.	0.	0.
89	Local	10000.	10000.	10000.	0.	0.	0.
142	Local	10000.	10000.	10000.	0.	0.	0.
169	Local	10000.	10000.	10000.	0.	0.	0.
196	Local	10000.	10000.	10000.	0.	0.	0.
223	Local	10000.	10000.	10000.	0.	0.	0.
250	Local	10000.	10000.	10000.	0.	0.	0.
277	Local	10000.	10000.	10000.	0.	0.	0.
304	Local	10000.	10000.	10000.	0.	0.	0.
331	Local	10000.	10000.	10000.	0.	0.	0.
349	Local	10000.	10000.	10000.	0.	0.	0.
367	Local	10000.	10000.	10000.	0.	0.	0.
385	Local	10000.	10000.	10000.	0.	0.	0.
403	Local	10000.	10000.	10000.	0.	0.	0.
421	Local	10000.	10000.	10000.	0.	0.	0.
439	Local	10000.	10000.	10000.	0.	0.	0.
457	Local	10000.	10000.	10000.	0.	0.	0.
475	Local	10000.	10000.	10000.	0.	0.	0.
493	Local	10000.	10000.	10000.	0.	0.	0.
511	Local	10000.	10000.	10000.	0.	0.	0.
529	Local	10000.	10000.	10000.	0.	0.	0.
547	Local	10000.	10000.	10000.	0.	0.	0.
565	Local	10000.	10000.	10000.	0.	0.	0.
583	Local	10000.	10000.	10000.	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
718	Local	10000.	10000.	10000.	0.	0.	0.
734	Local	10000.	10000.	10000.	0.	0.	0.
750	Local	10000.	10000.	10000.	0.	0.	0.

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	

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
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	
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	
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.			

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
Q7_Tunif	Live	0.			
Q1_traffico	Live	0.		2cb1e5c6-7572-48da-ae71-bbf74a02baad	Added 03/03/2022 21:21:29
Q_sisma	Live	0.		9a0a498b-e56e-4fce-b998-54304999e4a0	Added 04/03/2022 01:34:00

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
18	18	Shell-Thick	583	SLU_ENV	Combination	Max	-29.03	-197.51
18	18	Shell-Thick	582	SLU_ENV	Combination	Max	-6.08	-192.92
18	18	Shell-Thick	564	SLU_ENV	Combination	Max	3.48	-166.95
18	18	Shell-Thick	565	SLU_ENV	Combination	Max	-23.83	-171.54
18	18	Shell-Thick	583	SLU_ENV	Combination	Min	-103.33	-685.08
18	18	Shell-Thick	582	SLU_ENV	Combination	Min	-23.11	-669.04
18	18	Shell-Thick	564	SLU_ENV	Combination	Min	-0.89	-536.1
18	18	Shell-Thick	565	SLU_ENV	Combination	Min	-76.75	-552.15
18	18	Shell-Thick	583	SLV_Ex	Combination		-23.38	3.23
18	18	Shell-Thick	582	SLV_Ex	Combination		56.09	19.12
18	18	Shell-Thick	564	SLV_Ex	Combination		0.79	-257.35
18	18	Shell-Thick	565	SLV_Ex	Combination		-78.67	-273.25
19	19	Shell-Thick	565	SLU_ENV	Combination	Max	-22.02	-171.18
19	19	Shell-Thick	564	SLU_ENV	Combination	Max	-15.61	-169.89
19	19	Shell-Thick	546	SLU_ENV	Combination	Max	-14.44	-164.05
19	19	Shell-Thick	547	SLU_ENV	Combination	Max	-20.86	-165.34
19	19	Shell-Thick	565	SLU_ENV	Combination	Min	-71.14	-551.03
19	19	Shell-Thick	564	SLU_ENV	Combination	Min	-51.86	-547.17
19	19	Shell-Thick	546	SLU_ENV	Combination	Min	-45.35	-514.62
19	19	Shell-Thick	547	SLU_ENV	Combination	Min	-64.63	-518.48
19	19	Shell-Thick	565	SLV_Ex	Combination		-71.81	-271.87
19	19	Shell-Thick	564	SLV_Ex	Combination		3.84	-256.75
19	19	Shell-Thick	546	SLV_Ex	Combination		12.94	-211.21
19	19	Shell-Thick	547	SLV_Ex	Combination		-62.7	-226.34
20	20	Shell-Thick	547	SLU_ENV	Combination	Max	-21.22	-165.41
20	20	Shell-Thick	546	SLU_ENV	Combination	Max	-17.9	-164.74
20	20	Shell-Thick	119	SLU_ENV	Combination	Max	-17.79	-164.19
20	20	Shell-Thick	120	SLU_ENV	Combination	Max	-21.11	-164.85
20	20	Shell-Thick	547	SLU_ENV	Combination	Min	-67.65	-519.08
20	20	Shell-Thick	546	SLU_ENV	Combination	Min	-54.66	-516.49
20	20	Shell-Thick	119	SLU_ENV	Combination	Min	-52.28	-504.59
20	20	Shell-Thick	120	SLU_ENV	Combination	Min	-65.27	-507.19
20	20	Shell-Thick	547	SLV_Ex	Combination		-65.94	-226.98
20	20	Shell-Thick	546	SLV_Ex	Combination		-27.87	-219.37
20	20	Shell-Thick	119	SLV_Ex	Combination		-23.99	-199.99
20	20	Shell-Thick	120	SLV_Ex	Combination		-62.06	-207.6
21	21	Shell-Thick	120	SLU_ENV	Combination	Max	-21.12	-164.86
21	21	Shell-Thick	119	SLU_ENV	Combination	Max	-19.31	-164.49
21	21	Shell-Thick	6	SLU_ENV	Combination	Max	-19.28	-164.36
21	21	Shell-Thick	7	SLU_ENV	Combination	Max	-21.1	-164.73
21	21	Shell-Thick	120	SLU_ENV	Combination	Min	-67.48	-507.63
21	21	Shell-Thick	119	SLU_ENV	Combination	Min	-57.92	-505.72
21	21	Shell-Thick	6	SLU_ENV	Combination	Min	-55.52	-493.73
21	21	Shell-Thick	7	SLU_ENV	Combination	Min	-65.08	-495.65
21	21	Shell-Thick	120	SLV_Ex	Combination		-68.21	-208.83
21	21	Shell-Thick	119	SLV_Ex	Combination		-40.53	-203.3
21	21	Shell-Thick	6	SLV_Ex	Combination		-37.57	-188.5
21	21	Shell-Thick	7	SLV_Ex	Combination		-65.25	-194.03
22	22	Shell-Thick	7	SLU_ENV	Combination	Max	-21.	-164.71
22	22	Shell-Thick	6	SLU_ENV	Combination	Max	-20.01	-164.51

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
22	22	Shell-Thick	34	SLU_ENV	Combination	Max	-20.21	-165.48
22	22	Shell-Thick	35	SLU_ENV	Combination	Max	-21.19	-165.68
22	22	Shell-Thick	7	SLU_ENV	Combination	Min	-67.54	-496.14
22	22	Shell-Thick	6	SLU_ENV	Combination	Min	-58.99	-494.43
22	22	Shell-Thick	34	SLU_ENV	Combination	Min	-56.74	-483.16
22	22	Shell-Thick	35	SLU_ENV	Combination	Min	-65.29	-484.87
22	22	Shell-Thick	7	SLV_Ex	Combination		-65.34	-194.05
22	22	Shell-Thick	6	SLV_Ex	Combination		-47.87	-190.56
22	22	Shell-Thick	34	SLV_Ex	Combination		-46.95	-185.94
22	22	Shell-Thick	35	SLV_Ex	Combination		-64.42	-189.43
23	23	Shell-Thick	35	SLU_ENV	Combination	Max	-21.25	-165.69
23	23	Shell-Thick	34	SLU_ENV	Combination	Max	-20.54	-165.55
23	23	Shell-Thick	61	SLU_ENV	Combination	Max	-20.65	-166.11
23	23	Shell-Thick	62	SLU_ENV	Combination	Max	-21.36	-166.25
23	23	Shell-Thick	35	SLU_ENV	Combination	Min	-67.62	-485.34
23	23	Shell-Thick	34	SLU_ENV	Combination	Min	-60.68	-483.95
23	23	Shell-Thick	61	SLU_ENV	Combination	Min	-58.07	-470.91
23	23	Shell-Thick	62	SLU_ENV	Combination	Min	-65.01	-472.3
23	23	Shell-Thick	35	SLV_Ex	Combination		-68.57	-190.27
23	23	Shell-Thick	34	SLV_Ex	Combination		-49.11	-186.37
23	23	Shell-Thick	61	SLV_Ex	Combination		-48.86	-185.12
23	23	Shell-Thick	62	SLV_Ex	Combination		-68.32	-189.02
24	24	Shell-Thick	62	SLU_ENV	Combination	Max	-21.44	-166.27
24	24	Shell-Thick	61	SLU_ENV	Combination	Max	-20.81	-166.14
24	24	Shell-Thick	88	SLU_ENV	Combination	Max	-20.87	-166.45
24	24	Shell-Thick	89	SLU_ENV	Combination	Max	-21.5	-166.58
24	24	Shell-Thick	62	SLU_ENV	Combination	Min	-67.45	-472.79
24	24	Shell-Thick	61	SLU_ENV	Combination	Min	-60.91	-471.48
24	24	Shell-Thick	88	SLU_ENV	Combination	Min	-58.11	-457.48
24	24	Shell-Thick	89	SLU_ENV	Combination	Min	-64.64	-458.78
24	24	Shell-Thick	62	SLV_Ex	Combination		-69.79	-189.31
24	24	Shell-Thick	61	SLV_Ex	Combination		-50.11	-185.37
24	24	Shell-Thick	88	SLV_Ex	Combination		-50.13	-185.44
24	24	Shell-Thick	89	SLV_Ex	Combination		-69.8	-189.38
25	25	Shell-Thick	89	SLU_ENV	Combination	Max	-21.54	-166.59
25	25	Shell-Thick	88	SLU_ENV	Combination	Max	-20.88	-166.45
25	25	Shell-Thick	141	SLU_ENV	Combination	Max	-20.89	-166.52
25	25	Shell-Thick	142	SLU_ENV	Combination	Max	-21.55	-166.65
25	25	Shell-Thick	89	SLU_ENV	Combination	Min	-66.56	-459.17
25	25	Shell-Thick	88	SLU_ENV	Combination	Min	-60.32	-457.92
25	25	Shell-Thick	141	SLU_ENV	Combination	Min	-57.45	-443.59
25	25	Shell-Thick	142	SLU_ENV	Combination	Min	-63.69	-444.84
25	25	Shell-Thick	89	SLV_Ex	Combination		-70.13	-189.44
25	25	Shell-Thick	88	SLV_Ex	Combination		-50.47	-185.51
25	25	Shell-Thick	141	SLV_Ex	Combination		-50.43	-185.3
25	25	Shell-Thick	142	SLV_Ex	Combination		-70.09	-189.23
26	26	Shell-Thick	142	SLU_ENV	Combination	Max	-21.56	-166.65
26	26	Shell-Thick	141	SLU_ENV	Combination	Max	-20.74	-166.49
26	26	Shell-Thick	168	SLU_ENV	Combination	Max	-20.7	-166.29
26	26	Shell-Thick	169	SLU_ENV	Combination	Max	-21.52	-166.45
26	26	Shell-Thick	142	SLU_ENV	Combination	Min	-65.	-445.1
26	26	Shell-Thick	141	SLU_ENV	Combination	Min	-58.61	-443.82
26	26	Shell-Thick	168	SLU_ENV	Combination	Min	-55.66	-429.08
26	26	Shell-Thick	169	SLU_ENV	Combination	Min	-62.05	-430.35

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
26	26	Shell-Thick	142	SLV_Ex	Combination		-69.85	-189.19
26	26	Shell-Thick	141	SLV_Ex	Combination		-49.76	-185.17
26	26	Shell-Thick	168	SLV_Ex	Combination		-49.85	-185.61
26	26	Shell-Thick	169	SLV_Ex	Combination		-69.94	-189.62
27	27	Shell-Thick	169	SLU_ENV	Combination	Max	-21.5	-166.45
27	27	Shell-Thick	168	SLU_ENV	Combination	Max	-20.33	-166.22
27	27	Shell-Thick	195	SLU_ENV	Combination	Max	-20.2	-165.52
27	27	Shell-Thick	196	SLU_ENV	Combination	Max	-21.36	-165.76
27	27	Shell-Thick	169	SLU_ENV	Combination	Min	-62.77	-430.5
27	27	Shell-Thick	168	SLU_ENV	Combination	Min	-55.47	-429.04
27	27	Shell-Thick	195	SLU_ENV	Combination	Min	-52.41	-413.72
27	27	Shell-Thick	196	SLU_ENV	Combination	Min	-59.71	-415.18
27	27	Shell-Thick	169	SLV_Ex	Combination		-66.74	-188.98
27	27	Shell-Thick	168	SLV_Ex	Combination		-49.34	-185.5
27	27	Shell-Thick	195	SLV_Ex	Combination		-49.75	-187.54
27	27	Shell-Thick	196	SLV_Ex	Combination		-67.14	-191.01
28	28	Shell-Thick	196	SLU_ENV	Combination	Max	-21.38	-165.76
28	28	Shell-Thick	195	SLU_ENV	Combination	Max	-19.72	-165.43
28	28	Shell-Thick	222	SLU_ENV	Combination	Max	-19.54	-164.51
28	28	Shell-Thick	223	SLU_ENV	Combination	Max	-21.2	-164.84
28	28	Shell-Thick	196	SLU_ENV	Combination	Min	-59.85	-415.21
28	28	Shell-Thick	195	SLU_ENV	Combination	Min	-51.66	-413.57
28	28	Shell-Thick	222	SLU_ENV	Combination	Min	-48.51	-397.86
28	28	Shell-Thick	223	SLU_ENV	Combination	Min	-56.71	-399.5
28	28	Shell-Thick	196	SLV_Ex	Combination		-67.7	-191.13
28	28	Shell-Thick	195	SLV_Ex	Combination		-42.25	-186.04
28	28	Shell-Thick	222	SLV_Ex	Combination		-44.35	-196.51
28	28	Shell-Thick	223	SLV_Ex	Combination		-69.79	-201.6
29	29	Shell-Thick	223	SLU_ENV	Combination	Max	-21.02	-164.81
29	29	Shell-Thick	222	SLU_ENV	Combination	Max	-18.65	-164.33
29	29	Shell-Thick	249	SLU_ENV	Combination	Max	-18.47	-163.44
29	29	Shell-Thick	250	SLU_ENV	Combination	Max	-20.84	-163.91
29	29	Shell-Thick	223	SLU_ENV	Combination	Min	-56.42	-399.45
29	29	Shell-Thick	222	SLU_ENV	Combination	Min	-45.76	-397.31
29	29	Shell-Thick	249	SLU_ENV	Combination	Min	-42.6	-381.49
29	29	Shell-Thick	250	SLU_ENV	Combination	Min	-53.26	-383.62
29	29	Shell-Thick	223	SLV_Ex	Combination		-62.6	-200.16
29	29	Shell-Thick	222	SLV_Ex	Combination		-31.46	-193.93
29	29	Shell-Thick	249	SLV_Ex	Combination		-35.11	-212.2
29	29	Shell-Thick	250	SLV_Ex	Combination		-66.26	-218.43
30	30	Shell-Thick	250	SLU_ENV	Combination	Max	-20.34	-163.81
30	30	Shell-Thick	249	SLU_ENV	Combination	Max	-15.48	-162.84
30	30	Shell-Thick	276	SLU_ENV	Combination	Max	-14.28	-153.13
30	30	Shell-Thick	277	SLU_ENV	Combination	Max	-21.55	-154.61
30	30	Shell-Thick	250	SLU_ENV	Combination	Min	-51.89	-383.35
30	30	Shell-Thick	249	SLU_ENV	Combination	Min	-36.71	-380.31
30	30	Shell-Thick	276	SLU_ENV	Combination	Min	-38.33	-392.11
30	30	Shell-Thick	277	SLU_ENV	Combination	Min	-51.11	-394.64
30	30	Shell-Thick	250	SLV_Ex	Combination		-61.59	-217.49
30	30	Shell-Thick	249	SLV_Ex	Combination		7.39	-203.7
30	30	Shell-Thick	276	SLV_Ex	Combination		-3.45	-257.91
30	30	Shell-Thick	277	SLV_Ex	Combination		-72.43	-271.71
31	31	Shell-Thick	277	SLU_ENV	Combination	Max	-23.45	-154.96
31	31	Shell-Thick	276	SLU_ENV	Combination	Max	-1.35	-151.15

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
31	31	Shell-Thick	303	SLU_ENV	Combination	Max	-3.01	-144.18
31	31	Shell-Thick	304	SLU_ENV	Combination	Max	-22.06	-147.99
31	31	Shell-Thick	277	SLU_ENV	Combination	Min	-55.57	-395.56
31	31	Shell-Thick	276	SLU_ENV	Combination	Min	-4.42	-384.72
31	31	Shell-Thick	303	SLU_ENV	Combination	Min	-15.6	-455.87
31	31	Shell-Thick	304	SLU_ENV	Combination	Min	-69.8	-466.71
31	31	Shell-Thick	277	SLV_Ex	Combination		-79.97	-273.22
31	31	Shell-Thick	276	SLV_Ex	Combination		0.42	-257.14
31	31	Shell-Thick	303	SLV_Ex	Combination		52.84	4.95
31	31	Shell-Thick	304	SLV_Ex	Combination		-27.56	-11.12
32	32	Shell-Thick	582	SLU_ENV	Combination	Max	4.61	-148.08
32	32	Shell-Thick	581	SLU_ENV	Combination	Max	-3.7	-149.4
32	32	Shell-Thick	563	SLU_ENV	Combination	Max	-5.1	-156.42
32	32	Shell-Thick	564	SLU_ENV	Combination	Max	2.69	-155.1
32	32	Shell-Thick	582	SLU_ENV	Combination	Min	0.86	-540.6
32	32	Shell-Thick	581	SLU_ENV	Combination	Min	-12.24	-543.57
32	32	Shell-Thick	563	SLU_ENV	Combination	Min	-12.34	-544.06
32	32	Shell-Thick	564	SLU_ENV	Combination	Min	1.28	-541.1
32	32	Shell-Thick	582	SLV_Ex	Combination		33.04	-96.14
32	32	Shell-Thick	581	SLV_Ex	Combination		6.26	-101.5
32	32	Shell-Thick	563	SLV_Ex	Combination		-8.5	-175.31
32	32	Shell-Thick	564	SLV_Ex	Combination		18.27	-169.96
33	33	Shell-Thick	564	SLU_ENV	Combination	Max	-13.24	-158.05
33	33	Shell-Thick	563	SLU_ENV	Combination	Max	-6.56	-156.71
33	33	Shell-Thick	545	SLU_ENV	Combination	Max	-5.19	-149.9
33	33	Shell-Thick	546	SLU_ENV	Combination	Max	-11.88	-151.23
33	33	Shell-Thick	564	SLU_ENV	Combination	Min	-52.86	-552.17
33	33	Shell-Thick	563	SLU_ENV	Combination	Min	-19.56	-545.51
33	33	Shell-Thick	545	SLU_ENV	Combination	Min	-11.22	-503.82
33	33	Shell-Thick	546	SLU_ENV	Combination	Min	-44.52	-510.48
33	33	Shell-Thick	564	SLV_Ex	Combination		21.31	-169.35
33	33	Shell-Thick	563	SLV_Ex	Combination		4.72	-172.67
33	33	Shell-Thick	545	SLV_Ex	Combination		-1.85	-205.55
33	33	Shell-Thick	546	SLV_Ex	Combination		14.74	-202.23
34	34	Shell-Thick	546	SLU_ENV	Combination	Max	-15.34	-151.93
34	34	Shell-Thick	545	SLU_ENV	Combination	Max	-11.71	-151.2
34	34	Shell-Thick	118	SLU_ENV	Combination	Max	-11.27	-148.98
34	34	Shell-Thick	119	SLU_ENV	Combination	Max	-14.89	-149.7
34	34	Shell-Thick	546	SLU_ENV	Combination	Min	-53.83	-512.34
34	34	Shell-Thick	545	SLU_ENV	Combination	Min	-36.54	-508.89
34	34	Shell-Thick	118	SLU_ENV	Combination	Min	-33.02	-491.3
34	34	Shell-Thick	119	SLU_ENV	Combination	Min	-50.31	-494.76
34	34	Shell-Thick	546	SLV_Ex	Combination		-26.07	-210.39
34	34	Shell-Thick	545	SLV_Ex	Combination		-5.89	-206.35
34	34	Shell-Thick	118	SLV_Ex	Combination		-1.2	-182.87
34	34	Shell-Thick	119	SLV_Ex	Combination		-21.37	-186.91
35	35	Shell-Thick	119	SLU_ENV	Combination	Max	-16.41	-150.01
35	35	Shell-Thick	118	SLU_ENV	Combination	Max	-14.28	-149.58
35	35	Shell-Thick	5	SLU_ENV	Combination	Max	-14.1	-148.69
35	35	Shell-Thick	6	SLU_ENV	Combination	Max	-16.23	-149.11
35	35	Shell-Thick	119	SLU_ENV	Combination	Min	-55.95	-495.89
35	35	Shell-Thick	118	SLU_ENV	Combination	Min	-43.35	-493.37
35	35	Shell-Thick	5	SLU_ENV	Combination	Min	-39.95	-476.33
35	35	Shell-Thick	6	SLU_ENV	Combination	Min	-52.54	-478.85

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
35	35	Shell-Thick	119	SLV_Ex	Combination		-37.91	-190.22
35	35	Shell-Thick	118	SLV_Ex	Combination		-19.35	-186.5
35	35	Shell-Thick	5	SLV_Ex	Combination		-16.96	-174.58
35	35	Shell-Thick	6	SLV_Ex	Combination		-35.53	-178.3
36	36	Shell-Thick	6	SLU_ENV	Combination	Max	-16.96	-149.26
36	36	Shell-Thick	5	SLU_ENV	Combination	Max	-16.13	-149.09
36	36	Shell-Thick	33	SLU_ENV	Combination	Max	-16.1	-148.93
36	36	Shell-Thick	34	SLU_ENV	Combination	Max	-16.93	-149.1
36	36	Shell-Thick	6	SLU_ENV	Combination	Min	-56.02	-479.55
36	36	Shell-Thick	5	SLU_ENV	Combination	Min	-49.22	-478.19
36	36	Shell-Thick	33	SLU_ENV	Combination	Min	-46.15	-462.84
36	36	Shell-Thick	34	SLU_ENV	Combination	Min	-52.95	-464.2
36	36	Shell-Thick	6	SLV_Ex	Combination		-45.84	-180.36
36	36	Shell-Thick	5	SLV_Ex	Combination		-25.46	-176.28
36	36	Shell-Thick	33	SLV_Ex	Combination		-24.04	-169.2
36	36	Shell-Thick	34	SLV_Ex	Combination		-44.42	-173.28
37	37	Shell-Thick	34	SLU_ENV	Combination	Max	-17.26	-149.17
37	37	Shell-Thick	33	SLU_ENV	Combination	Max	-16.94	-149.1
37	37	Shell-Thick	60	SLU_ENV	Combination	Max	-16.99	-149.33
37	37	Shell-Thick	61	SLU_ENV	Combination	Max	-17.31	-149.4
37	37	Shell-Thick	34	SLU_ENV	Combination	Min	-56.88	-464.99
37	37	Shell-Thick	33	SLU_ENV	Combination	Min	-51.47	-463.91
37	37	Shell-Thick	60	SLU_ENV	Combination	Min	-48.4	-448.54
37	37	Shell-Thick	61	SLU_ENV	Combination	Min	-53.81	-449.63
37	37	Shell-Thick	34	SLV_Ex	Combination		-46.58	-173.71
37	37	Shell-Thick	33	SLV_Ex	Combination		-27.68	-169.93
37	37	Shell-Thick	60	SLV_Ex	Combination		-27.57	-169.36
37	37	Shell-Thick	61	SLV_Ex	Combination		-46.46	-173.14
38	38	Shell-Thick	780	SLU_ENV	Combination	Max	-2.91	17.64
38	38	Shell-Thick	779	SLU_ENV	Combination	Max	-2.17	19.01
38	38	Shell-Thick	781	SLU_ENV	Combination	Max	-2.32	26.53
38	38	Shell-Thick	782	SLU_ENV	Combination	Max	-3.05	25.16
38	38	Shell-Thick	780	SLU_ENV	Combination	Min	-63.85	6.42
38	38	Shell-Thick	779	SLU_ENV	Combination	Min	-56.96	6.57
38	38	Shell-Thick	781	SLU_ENV	Combination	Min	-55.46	5.85
38	38	Shell-Thick	782	SLU_ENV	Combination	Min	-62.35	5.7
38	38	Shell-Thick	780	SLV_Ex	Combination		-172.81	-36.74
38	38	Shell-Thick	779	SLV_Ex	Combination		-168.78	-35.94
38	38	Shell-Thick	781	SLV_Ex	Combination		-164.04	-12.27
38	38	Shell-Thick	782	SLV_Ex	Combination		-168.07	-13.07
39	39	Shell-Thick	782	SLU_ENV	Combination	Max	-4.38	22.9
39	39	Shell-Thick	781	SLU_ENV	Combination	Max	-0.99	27.54
39	39	Shell-Thick	783	SLU_ENV	Combination	Max	-1.16	28.69
39	39	Shell-Thick	784	SLU_ENV	Combination	Max	-4.54	24.05
39	39	Shell-Thick	782	SLU_ENV	Combination	Min	-73.6	5.44
39	39	Shell-Thick	781	SLU_ENV	Combination	Min	-50.42	6.12
39	39	Shell-Thick	783	SLU_ENV	Combination	Min	-50.19	5.3
39	39	Shell-Thick	784	SLU_ENV	Combination	Min	-73.37	4.62
39	39	Shell-Thick	782	SLV_Ex	Combination		-191.51	-17.76
39	39	Shell-Thick	781	SLV_Ex	Combination		-156.33	-10.72
39	39	Shell-Thick	783	SLV_Ex	Combination		-151.69	12.49
39	39	Shell-Thick	784	SLV_Ex	Combination		-186.87	5.45
40	40	Shell-Thick	784	SLU_ENV	Combination	Max	0.25	30.06
40	40	Shell-Thick	783	SLU_ENV	Combination	Max	-0.97	28.69

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
40	40	Shell-Thick	785	SLU_ENV	Combination	Max	-1.48	15.7
40	40	Shell-Thick	786	SLU_ENV	Combination	Max	-0.25	17.07
40	40	Shell-Thick	784	SLU_ENV	Combination	Min	-43.33	5.58
40	40	Shell-Thick	783	SLU_ENV	Combination	Min	-50.19	5.34
40	40	Shell-Thick	785	SLU_ENV	Combination	Min	-52.78	2.83
40	40	Shell-Thick	786	SLU_ENV	Combination	Min	-45.93	3.08
40	40	Shell-Thick	784	SLV_Ex	Combination		-147.71	13.28
40	40	Shell-Thick	783	SLV_Ex	Combination		-151.8	12.47
40	40	Shell-Thick	785	SLV_Ex	Combination		-154.25	0.23
40	40	Shell-Thick	786	SLV_Ex	Combination		-150.16	1.05
41	41	Shell-Thick	786	SLU_ENV	Combination	Max	5.673E-03	17.58
41	41	Shell-Thick	785	SLU_ENV	Combination	Max	2.501E-02	17.57
41	41	Shell-Thick	787	SLU_ENV	Combination	Max	-0.18	11.28
41	41	Shell-Thick	788	SLU_ENV	Combination	Max	-0.2	11.29
41	41	Shell-Thick	786	SLU_ENV	Combination	Min	-43.41	3.13
41	41	Shell-Thick	785	SLU_ENV	Combination	Min	-43.45	3.13
41	41	Shell-Thick	787	SLU_ENV	Combination	Min	-44.71	2.1
41	41	Shell-Thick	788	SLU_ENV	Combination	Min	-44.66	2.1
41	41	Shell-Thick	786	SLV_Ex	Combination		-141.33	2.82
41	41	Shell-Thick	785	SLV_Ex	Combination		-131.67	4.75
41	41	Shell-Thick	787	SLV_Ex	Combination		-133.29	-3.39
41	41	Shell-Thick	788	SLV_Ex	Combination		-142.96	-5.32
42	42	Shell-Thick	788	SLU_ENV	Combination	Max	-0.2	11.29
42	42	Shell-Thick	787	SLU_ENV	Combination	Max	-0.18	11.28
42	42	Shell-Thick	789	SLU_ENV	Combination	Max	2.489E-02	17.57
42	42	Shell-Thick	790	SLU_ENV	Combination	Max	5.706E-03	17.58
42	42	Shell-Thick	788	SLU_ENV	Combination	Min	-44.66	2.1
42	42	Shell-Thick	787	SLU_ENV	Combination	Min	-44.71	2.1
42	42	Shell-Thick	789	SLU_ENV	Combination	Min	-43.45	3.13
42	42	Shell-Thick	790	SLU_ENV	Combination	Min	-43.4	3.13
42	42	Shell-Thick	788	SLV_Ex	Combination		-131.04	-2.94
42	42	Shell-Thick	787	SLV_Ex	Combination		-120.4	-0.81
42	42	Shell-Thick	789	SLV_Ex	Combination		-121.18	-4.72
42	42	Shell-Thick	790	SLV_Ex	Combination		-131.82	-6.84
43	43	Shell-Thick	790	SLU_ENV	Combination	Max	-0.26	17.08
43	43	Shell-Thick	789	SLU_ENV	Combination	Max	-1.48	15.7
43	43	Shell-Thick	791	SLU_ENV	Combination	Max	-0.97	28.69
43	43	Shell-Thick	792	SLU_ENV	Combination	Max	0.25	30.06
43	43	Shell-Thick	790	SLU_ENV	Combination	Min	-45.93	3.08
43	43	Shell-Thick	789	SLU_ENV	Combination	Min	-52.78	2.83
43	43	Shell-Thick	791	SLU_ENV	Combination	Min	-50.19	5.34
43	43	Shell-Thick	792	SLU_ENV	Combination	Min	-43.33	5.58
43	43	Shell-Thick	790	SLV_Ex	Combination		-120.82	-4.65
43	43	Shell-Thick	789	SLV_Ex	Combination		-99.92	-0.46
43	43	Shell-Thick	791	SLV_Ex	Combination		-101.85	-10.15
43	43	Shell-Thick	792	SLV_Ex	Combination		-122.76	-14.33
44	44	Shell-Thick	792	SLU_ENV	Combination	Max	-4.54	24.05
44	44	Shell-Thick	791	SLU_ENV	Combination	Max	-1.16	28.69
44	44	Shell-Thick	793	SLU_ENV	Combination	Max	-0.99	27.54
44	44	Shell-Thick	794	SLU_ENV	Combination	Max	-4.38	22.91
44	44	Shell-Thick	792	SLU_ENV	Combination	Min	-73.37	4.62
44	44	Shell-Thick	791	SLU_ENV	Combination	Min	-50.19	5.3
44	44	Shell-Thick	793	SLU_ENV	Combination	Min	-50.42	6.12
44	44	Shell-Thick	794	SLU_ENV	Combination	Min	-73.6	5.44

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
44	44	Shell-Thick	792	SLV_Ex	Combination		-90.97	-7.97
44	44	Shell-Thick	791	SLV_Ex	Combination		-94.77	-8.73
44	44	Shell-Thick	793	SLV_Ex	Combination		-89.62	17.05
44	44	Shell-Thick	794	SLV_Ex	Combination		-85.81	17.81
45	45	Shell-Thick	794	SLU_ENV	Combination	Max	-3.06	25.15
45	45	Shell-Thick	793	SLU_ENV	Combination	Max	-2.31	26.54
45	45	Shell-Thick	795	SLU_ENV	Combination	Max	-2.17	19.03
45	45	Shell-Thick	796	SLU_ENV	Combination	Max	-2.91	17.64
45	45	Shell-Thick	794	SLU_ENV	Combination	Min	-62.36	5.7
45	45	Shell-Thick	793	SLU_ENV	Combination	Min	-55.44	5.85
45	45	Shell-Thick	795	SLU_ENV	Combination	Min	-56.95	6.57
45	45	Shell-Thick	796	SLU_ENV	Combination	Min	-63.86	6.42
45	45	Shell-Thick	794	SLV_Ex	Combination		-92.52	16.47
45	45	Shell-Thick	793	SLV_Ex	Combination		-87.03	17.56
45	45	Shell-Thick	795	SLV_Ex	Combination		-77.05	67.45
45	45	Shell-Thick	796	SLV_Ex	Combination		-82.55	66.35
46	46	Shell-Thick	61	SLU_ENV	Combination	Max	-17.47	-149.43
46	46	Shell-Thick	60	SLU_ENV	Combination	Max	-17.32	-149.4
46	46	Shell-Thick	87	SLU_ENV	Combination	Max	-17.35	-149.59
46	46	Shell-Thick	88	SLU_ENV	Combination	Max	-17.51	-149.62
46	46	Shell-Thick	61	SLU_ENV	Combination	Min	-56.66	-450.2
46	46	Shell-Thick	60	SLU_ENV	Combination	Min	-52.33	-449.33
46	46	Shell-Thick	87	SLU_ENV	Combination	Min	-49.35	-434.47
46	46	Shell-Thick	88	SLU_ENV	Combination	Min	-53.68	-435.33
46	46	Shell-Thick	61	SLV_Ex	Combination		-47.72	-173.39
46	46	Shell-Thick	60	SLV_Ex	Combination		-28.36	-169.52
46	46	Shell-Thick	87	SLV_Ex	Combination		-28.21	-168.79
46	46	Shell-Thick	88	SLV_Ex	Combination		-47.57	-172.66
47	47	Shell-Thick	88	SLU_ENV	Combination	Max	-17.51	-149.62
47	47	Shell-Thick	87	SLU_ENV	Combination	Max	-17.36	-149.59
47	47	Shell-Thick	114	SLU_ENV	Combination	Max	-17.38	-149.67
47	47	Shell-Thick	141	SLU_ENV	Combination	Max	-17.53	-149.7
47	47	Shell-Thick	88	SLU_ENV	Combination	Min	-55.89	-435.77
47	47	Shell-Thick	87	SLU_ENV	Combination	Min	-51.69	-434.93
47	47	Shell-Thick	114	SLU_ENV	Combination	Min	-48.69	-419.95
47	47	Shell-Thick	141	SLU_ENV	Combination	Min	-52.89	-420.79
47	47	Shell-Thick	88	SLV_Ex	Combination		-47.91	-172.73
47	47	Shell-Thick	87	SLV_Ex	Combination		-28.41	-168.82
47	47	Shell-Thick	114	SLV_Ex	Combination		-28.53	-169.44
47	47	Shell-Thick	141	SLV_Ex	Combination		-48.04	-173.34
48	48	Shell-Thick	141	SLU_ENV	Combination	Max	-17.38	-149.67
48	48	Shell-Thick	114	SLU_ENV	Combination	Max	-17.09	-149.61
48	48	Shell-Thick	167	SLU_ENV	Combination	Max	-17.09	-149.59
48	48	Shell-Thick	168	SLU_ENV	Combination	Max	-17.37	-149.65
48	48	Shell-Thick	141	SLU_ENV	Combination	Min	-54.05	-421.03
48	48	Shell-Thick	114	SLU_ENV	Combination	Min	-49.65	-420.14
48	48	Shell-Thick	167	SLU_ENV	Combination	Min	-46.81	-405.98
48	48	Shell-Thick	168	SLU_ENV	Combination	Min	-51.22	-406.86
48	48	Shell-Thick	141	SLV_Ex	Combination		-47.37	-173.21
48	48	Shell-Thick	114	SLV_Ex	Combination		-28.51	-169.44
48	48	Shell-Thick	167	SLV_Ex	Combination		-28.44	-169.11
48	48	Shell-Thick	168	SLV_Ex	Combination		-47.3	-172.88
49	49	Shell-Thick	168	SLU_ENV	Combination	Max	-17.	-149.57
49	49	Shell-Thick	167	SLU_ENV	Combination	Max	-16.47	-149.46

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
49	49	Shell-Thick	194	SLU_ENV	Combination	Max	-16.46	-149.44
49	49	Shell-Thick	195	SLU_ENV	Combination	Max	-17.	-149.55
49	49	Shell-Thick	168	SLU_ENV	Combination	Min	-51.03	-406.82
49	49	Shell-Thick	167	SLU_ENV	Combination	Min	-46.28	-405.87
49	49	Shell-Thick	194	SLU_ENV	Combination	Min	-43.53	-392.13
49	49	Shell-Thick	195	SLU_ENV	Combination	Min	-48.28	-393.08
49	49	Shell-Thick	168	SLV_Ex	Combination		-46.8	-172.78
49	49	Shell-Thick	167	SLV_Ex	Combination		-26.21	-168.66
49	49	Shell-Thick	194	SLV_Ex	Combination		-27.17	-173.47
49	49	Shell-Thick	195	SLV_Ex	Combination		-47.76	-177.59
50	50	Shell-Thick	195	SLU_ENV	Combination	Max	-16.53	-149.45
50	50	Shell-Thick	194	SLU_ENV	Combination	Max	-15.02	-149.15
50	50	Shell-Thick	221	SLU_ENV	Combination	Max	-15.03	-149.18
50	50	Shell-Thick	222	SLU_ENV	Combination	Max	-16.53	-149.48
50	50	Shell-Thick	195	SLU_ENV	Combination	Min	-47.53	-392.93
50	50	Shell-Thick	194	SLU_ENV	Combination	Min	-40.02	-391.43
50	50	Shell-Thick	221	SLU_ENV	Combination	Min	-37.46	-378.61
50	50	Shell-Thick	222	SLU_ENV	Combination	Min	-44.96	-380.11
50	50	Shell-Thick	195	SLV_Ex	Combination		-40.26	-176.09
50	50	Shell-Thick	194	SLV_Ex	Combination		-22.14	-172.47
50	50	Shell-Thick	221	SLV_Ex	Combination		-23.76	-180.58
50	50	Shell-Thick	222	SLV_Ex	Combination		-41.89	-184.21
51	51	Shell-Thick	222	SLU_ENV	Combination	Max	-15.64	-149.3
51	51	Shell-Thick	221	SLU_ENV	Combination	Max	-12.49	-148.67
51	51	Shell-Thick	248	SLU_ENV	Combination	Max	-12.81	-150.27
51	51	Shell-Thick	249	SLU_ENV	Combination	Max	-15.96	-150.92
51	51	Shell-Thick	222	SLU_ENV	Combination	Min	-42.21	-379.56
51	51	Shell-Thick	221	SLU_ENV	Combination	Min	-31.9	-377.49
51	51	Shell-Thick	248	SLU_ENV	Combination	Min	-29.77	-366.88
51	51	Shell-Thick	249	SLU_ENV	Combination	Min	-40.09	-368.93
51	51	Shell-Thick	222	SLV_Ex	Combination		-29.	-181.63
51	51	Shell-Thick	221	SLV_Ex	Combination		-5.63	-176.96
51	51	Shell-Thick	248	SLV_Ex	Combination		-10.99	-203.72
51	51	Shell-Thick	249	SLV_Ex	Combination		-34.35	-208.39
52	52	Shell-Thick	249	SLU_ENV	Combination	Max	-12.98	-150.32
52	52	Shell-Thick	248	SLU_ENV	Combination	Max	-5.98	-148.92
52	52	Shell-Thick	275	SLU_ENV	Combination	Max	-5.88	-138.22
52	52	Shell-Thick	276	SLU_ENV	Combination	Max	-11.52	-139.35
52	52	Shell-Thick	249	SLU_ENV	Combination	Min	-34.2	-367.75
52	52	Shell-Thick	248	SLU_ENV	Combination	Min	-14.63	-363.84
52	52	Shell-Thick	275	SLU_ENV	Combination	Min	-16.12	-381.5
52	52	Shell-Thick	276	SLU_ENV	Combination	Min	-37.04	-385.69
52	52	Shell-Thick	249	SLV_Ex	Combination		8.15	-199.89
52	52	Shell-Thick	248	SLV_Ex	Combination		-1.87	-201.9
52	52	Shell-Thick	275	SLV_Ex	Combination		2.54	-179.84
52	52	Shell-Thick	276	SLV_Ex	Combination		12.56	-177.84
53	53	Shell-Thick	276	SLU_ENV	Combination	Max	0.9	-137.38
53	53	Shell-Thick	275	SLU_ENV	Combination	Max	-5.19	-138.38
53	53	Shell-Thick	302	SLU_ENV	Combination	Max	-1.23	-111.26
53	53	Shell-Thick	303	SLU_ENV	Combination	Max	4.02	-110.25
53	53	Shell-Thick	276	SLU_ENV	Combination	Min	-2.62	-378.29
53	53	Shell-Thick	275	SLU_ENV	Combination	Min	-12.27	-380.44
53	53	Shell-Thick	302	SLU_ENV	Combination	Min	-8.49	-368.87
53	53	Shell-Thick	303	SLU_ENV	Combination	Min	1.99	-366.73

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
53	53	Shell-Thick	276	SLV_Ex	Combination		16.44	-177.06
53	53	Shell-Thick	275	SLV_Ex	Combination		-9.27	-182.2
53	53	Shell-Thick	302	SLV_Ex	Combination		6.98	-100.93
53	53	Shell-Thick	303	SLV_Ex	Combination		32.69	-95.79
54	54	Shell-Thick	779	SLU_ENV	Combination	Max	-1.96	25.24
54	54	Shell-Thick	806	SLU_ENV	Combination	Max	-0.52	27.56
54	54	Shell-Thick	807	SLU_ENV	Combination	Max	-0.9	26.05
54	54	Shell-Thick	781	SLU_ENV	Combination	Max	-2.35	23.73
54	54	Shell-Thick	779	SLU_ENV	Combination	Min	-55.72	7.63
54	54	Shell-Thick	806	SLU_ENV	Combination	Min	-44.11	7.92
54	54	Shell-Thick	807	SLU_ENV	Combination	Min	-44.41	5.99
54	54	Shell-Thick	781	SLU_ENV	Combination	Min	-56.02	5.7
54	54	Shell-Thick	779	SLV_Ex	Combination		-167.25	-28.3
54	54	Shell-Thick	806	SLV_Ex	Combination		-155.18	-25.89
54	54	Shell-Thick	807	SLV_Ex	Combination		-153.32	-16.61
54	54	Shell-Thick	781	SLV_Ex	Combination		-165.4	-19.02
55	55	Shell-Thick	781	SLU_ENV	Combination	Max	-1.02	24.74
55	55	Shell-Thick	807	SLU_ENV	Combination	Max	-0.4	26.16
55	55	Shell-Thick	808	SLU_ENV	Combination	Max	-0.63	24.38
55	55	Shell-Thick	783	SLU_ENV	Combination	Max	-1.25	22.96
55	55	Shell-Thick	781	SLU_ENV	Combination	Min	-50.98	5.97
55	55	Shell-Thick	807	SLU_ENV	Combination	Min	-43.89	6.09
55	55	Shell-Thick	808	SLU_ENV	Combination	Min	-44.24	4.96
55	55	Shell-Thick	783	SLU_ENV	Combination	Min	-51.34	4.83
55	55	Shell-Thick	781	SLV_Ex	Combination		-157.68	-17.48
55	55	Shell-Thick	807	SLV_Ex	Combination		-149.8	-15.9
55	55	Shell-Thick	808	SLV_Ex	Combination		-147.98	-6.83
55	55	Shell-Thick	783	SLV_Ex	Combination		-155.86	-8.4
56	56	Shell-Thick	783	SLU_ENV	Combination	Max	-1.07	22.96
56	56	Shell-Thick	808	SLU_ENV	Combination	Max	0.12	25.06
56	56	Shell-Thick	809	SLU_ENV	Combination	Max	-8.916E-02	21.26
56	56	Shell-Thick	785	SLU_ENV	Combination	Max	-1.27	19.16
56	56	Shell-Thick	783	SLU_ENV	Combination	Min	-51.33	4.87
56	56	Shell-Thick	808	SLU_ENV	Combination	Min	-40.82	5.11
56	56	Shell-Thick	809	SLU_ENV	Combination	Min	-41.58	4.07
56	56	Shell-Thick	785	SLU_ENV	Combination	Min	-52.09	3.84
56	56	Shell-Thick	783	SLV_Ex	Combination		-155.98	-8.43
56	56	Shell-Thick	808	SLV_Ex	Combination		-136.37	-4.5
56	56	Shell-Thick	809	SLV_Ex	Combination		-135.57	-0.54
56	56	Shell-Thick	785	SLV_Ex	Combination		-155.19	-4.46
57	57	Shell-Thick	785	SLU_ENV	Combination	Max	0.23	21.03
57	57	Shell-Thick	809	SLU_ENV	Combination	Max	5.587E-02	21.31
57	57	Shell-Thick	810	SLU_ENV	Combination	Max	-5.043E-02	18.97
57	57	Shell-Thick	787	SLU_ENV	Combination	Max	0.12	18.69
57	57	Shell-Thick	785	SLU_ENV	Combination	Min	-42.76	4.14
57	57	Shell-Thick	809	SLU_ENV	Combination	Min	-41.34	4.1
57	57	Shell-Thick	810	SLU_ENV	Combination	Min	-41.81	3.57
57	57	Shell-Thick	787	SLU_ENV	Combination	Min	-43.23	3.61
57	57	Shell-Thick	785	SLV_Ex	Combination		-132.61	5.425E-02
57	57	Shell-Thick	809	SLV_Ex	Combination		-126.91	1.19
57	57	Shell-Thick	810	SLV_Ex	Combination		-127.79	-3.2
57	57	Shell-Thick	787	SLV_Ex	Combination		-133.48	-4.34
58	58	Shell-Thick	787	SLU_ENV	Combination	Max	0.12	18.69
58	58	Shell-Thick	810	SLU_ENV	Combination	Max	-5.039E-02	18.97

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
58	58	Shell-Thick	811	SLU_ENV	Combination	Max	5.591E-02	21.31
58	58	Shell-Thick	789	SLU_ENV	Combination	Max	0.23	21.03
58	58	Shell-Thick	787	SLU_ENV	Combination	Min	-43.23	3.61
58	58	Shell-Thick	810	SLU_ENV	Combination	Min	-41.81	3.57
58	58	Shell-Thick	811	SLU_ENV	Combination	Min	-41.34	4.1
58	58	Shell-Thick	789	SLU_ENV	Combination	Min	-42.76	4.14
58	58	Shell-Thick	787	SLV_Ex	Combination		-120.59	-1.76
58	58	Shell-Thick	810	SLV_Ex	Combination		-109.06	0.54
58	58	Shell-Thick	811	SLV_Ex	Combination		-109.9	-3.61
58	58	Shell-Thick	789	SLV_Ex	Combination		-121.42	-5.92
59	59	Shell-Thick	789	SLU_ENV	Combination	Max	-1.27	19.16
59	59	Shell-Thick	811	SLU_ENV	Combination	Max	-8.912E-02	21.27
59	59	Shell-Thick	812	SLU_ENV	Combination	Max	0.12	25.06
59	59	Shell-Thick	791	SLU_ENV	Combination	Max	-1.07	22.96
59	59	Shell-Thick	789	SLU_ENV	Combination	Min	-52.09	3.84
59	59	Shell-Thick	811	SLU_ENV	Combination	Min	-41.58	4.07
59	59	Shell-Thick	812	SLU_ENV	Combination	Min	-40.82	5.11
59	59	Shell-Thick	791	SLU_ENV	Combination	Min	-51.33	4.87
59	59	Shell-Thick	789	SLV_Ex	Combination		-100.16	-1.67
59	59	Shell-Thick	811	SLV_Ex	Combination		-99.08	-1.45
59	59	Shell-Thick	812	SLV_Ex	Combination		-97.54	6.25
59	59	Shell-Thick	791	SLV_Ex	Combination		-98.62	6.04
60	60	Shell-Thick	791	SLU_ENV	Combination	Max	-1.25	22.96
60	60	Shell-Thick	812	SLU_ENV	Combination	Max	-0.62	24.38
60	60	Shell-Thick	813	SLU_ENV	Combination	Max	-0.4	26.15
60	60	Shell-Thick	793	SLU_ENV	Combination	Max	-1.02	24.74
60	60	Shell-Thick	791	SLU_ENV	Combination	Min	-51.34	4.83
60	60	Shell-Thick	812	SLU_ENV	Combination	Min	-44.24	4.96
60	60	Shell-Thick	813	SLU_ENV	Combination	Min	-43.88	6.09
60	60	Shell-Thick	793	SLU_ENV	Combination	Min	-50.98	5.97
60	60	Shell-Thick	791	SLV_Ex	Combination		-91.54	7.45
60	60	Shell-Thick	812	SLV_Ex	Combination		-86.8	8.4
60	60	Shell-Thick	813	SLV_Ex	Combination		-83.21	26.38
60	60	Shell-Thick	793	SLV_Ex	Combination		-87.94	25.43
61	61	Shell-Thick	793	SLU_ENV	Combination	Max	-2.34	23.73
61	61	Shell-Thick	813	SLU_ENV	Combination	Max	-0.9	26.05
61	61	Shell-Thick	814	SLU_ENV	Combination	Max	-0.52	27.56
61	61	Shell-Thick	795	SLU_ENV	Combination	Max	-1.96	25.24
61	61	Shell-Thick	793	SLU_ENV	Combination	Min	-56.	5.7
61	61	Shell-Thick	813	SLU_ENV	Combination	Min	-44.41	5.99
61	61	Shell-Thick	814	SLU_ENV	Combination	Min	-44.1	7.92
61	61	Shell-Thick	795	SLU_ENV	Combination	Min	-55.7	7.63
61	61	Shell-Thick	793	SLV_Ex	Combination		-85.35	25.95
61	61	Shell-Thick	813	SLV_Ex	Combination		-78.55	27.31
61	61	Shell-Thick	814	SLV_Ex	Combination		-71.7	61.55
61	61	Shell-Thick	795	SLV_Ex	Combination		-78.5	60.19
62	62	Shell-Thick	581	SLU_ENV	Combination	Max	0.82	-126.79
62	62	Shell-Thick	580	SLU_ENV	Combination	Max	-0.65	-127.21
62	62	Shell-Thick	562	SLU_ENV	Combination	Max	-1.04	-134.53
62	62	Shell-Thick	563	SLU_ENV	Combination	Max	-0.64	-134.11
62	62	Shell-Thick	581	SLU_ENV	Combination	Min	-2.99	-497.27
62	62	Shell-Thick	580	SLU_ENV	Combination	Min	-1.58	-496.86
62	62	Shell-Thick	562	SLU_ENV	Combination	Min	-4.6	-506.55
62	62	Shell-Thick	563	SLU_ENV	Combination	Min	-4.92	-506.96

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
62	62	Shell-Thick	581	SLV_Ex	Combination		-1.06	-138.1
62	62	Shell-Thick	580	SLV_Ex	Combination		2.78	-137.34
62	62	Shell-Thick	562	SLV_Ex	Combination		-0.45	-153.44
62	62	Shell-Thick	563	SLV_Ex	Combination		-4.28	-154.2
63	63	Shell-Thick	563	SLU_ENV	Combination	Max	-2.09	-134.4
63	63	Shell-Thick	562	SLU_ENV	Combination	Max	-5.06	-134.99
63	63	Shell-Thick	544	SLU_ENV	Combination	Max	-5.16	-135.48
63	63	Shell-Thick	545	SLU_ENV	Combination	Max	-2.19	-134.89
63	63	Shell-Thick	563	SLU_ENV	Combination	Min	-12.14	-508.4
63	63	Shell-Thick	562	SLU_ENV	Combination	Min	-15.09	-508.99
63	63	Shell-Thick	544	SLU_ENV	Combination	Min	-12.62	-496.6
63	63	Shell-Thick	545	SLU_ENV	Combination	Min	-9.66	-496.
63	63	Shell-Thick	563	SLV_Ex	Combination		8.95	-151.56
63	63	Shell-Thick	562	SLV_Ex	Combination		-2.22	-153.79
63	63	Shell-Thick	544	SLV_Ex	Combination		-4.17	-163.54
63	63	Shell-Thick	545	SLV_Ex	Combination		7.	-161.31
64	64	Shell-Thick	545	SLU_ENV	Combination	Max	-8.71	-136.19
64	64	Shell-Thick	544	SLU_ENV	Combination	Max	-7.72	-135.99
64	64	Shell-Thick	117	SLU_ENV	Combination	Max	-7.2	-133.42
64	64	Shell-Thick	118	SLU_ENV	Combination	Max	-8.2	-133.62
64	64	Shell-Thick	545	SLU_ENV	Combination	Min	-34.97	-501.07
64	64	Shell-Thick	544	SLU_ENV	Combination	Min	-22.49	-498.57
64	64	Shell-Thick	117	SLU_ENV	Combination	Min	-18.04	-476.33
64	64	Shell-Thick	118	SLU_ENV	Combination	Min	-30.52	-478.83
64	64	Shell-Thick	545	SLV_Ex	Combination		2.95	-162.12
64	64	Shell-Thick	544	SLV_Ex	Combination		-4.57	-163.62
64	64	Shell-Thick	117	SLV_Ex	Combination		-4.81	-164.85
64	64	Shell-Thick	118	SLV_Ex	Combination		2.71	-163.35
65	65	Shell-Thick	118	SLU_ENV	Combination	Max	-11.21	-134.22
65	65	Shell-Thick	117	SLU_ENV	Combination	Max	-11.15	-134.21
65	65	Shell-Thick	4	SLU_ENV	Combination	Max	-10.81	-132.51
65	65	Shell-Thick	5	SLU_ENV	Combination	Max	-10.87	-132.52
65	65	Shell-Thick	118	SLU_ENV	Combination	Min	-40.86	-480.9
65	65	Shell-Thick	117	SLU_ENV	Combination	Min	-35.3	-479.78
65	65	Shell-Thick	4	SLU_ENV	Combination	Min	-31.1	-458.8
65	65	Shell-Thick	5	SLU_ENV	Combination	Min	-36.66	-459.91
65	65	Shell-Thick	118	SLV_Ex	Combination		-15.44	-166.98
65	65	Shell-Thick	117	SLV_Ex	Combination		-6.02	-165.09
65	65	Shell-Thick	4	SLV_Ex	Combination		-3.96	-154.79
65	65	Shell-Thick	5	SLV_Ex	Combination		-13.38	-156.67
66	66	Shell-Thick	5	SLU_ENV	Combination	Max	-12.89	-132.93
66	66	Shell-Thick	4	SLU_ENV	Combination	Max	-13.03	-132.96
66	66	Shell-Thick	32	SLU_ENV	Combination	Max	-12.89	-132.24
66	66	Shell-Thick	33	SLU_ENV	Combination	Max	-12.75	-132.22
66	66	Shell-Thick	5	SLU_ENV	Combination	Min	-45.93	-461.77
66	66	Shell-Thick	4	SLU_ENV	Combination	Min	-41.99	-460.98
66	66	Shell-Thick	32	SLU_ENV	Combination	Min	-38.04	-441.24
66	66	Shell-Thick	33	SLU_ENV	Combination	Min	-41.99	-442.03
66	66	Shell-Thick	5	SLV_Ex	Combination		-21.88	-158.37
66	66	Shell-Thick	4	SLV_Ex	Combination		-5.73	-155.14
66	66	Shell-Thick	32	SLV_Ex	Combination		-5.45	-153.72
66	66	Shell-Thick	33	SLV_Ex	Combination		-21.59	-156.95
67	67	Shell-Thick	33	SLU_ENV	Combination	Max	-13.6	-132.39
67	67	Shell-Thick	32	SLU_ENV	Combination	Max	-13.97	-132.46

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
67	67	Shell-Thick	59	SLU_ENV	Combination	Max	-13.96	-132.41
67	67	Shell-Thick	60	SLU_ENV	Combination	Max	-13.59	-132.33
67	67	Shell-Thick	33	SLU_ENV	Combination	Min	-47.3	-443.09
67	67	Shell-Thick	32	SLU_ENV	Combination	Min	-44.78	-442.59
67	67	Shell-Thick	59	SLU_ENV	Combination	Min	-41.44	-425.89
67	67	Shell-Thick	60	SLU_ENV	Combination	Min	-43.96	-426.39
67	67	Shell-Thick	33	SLV_Ex	Combination		-25.23	-157.68
67	67	Shell-Thick	32	SLV_Ex	Combination		-6.78	-153.99
67	67	Shell-Thick	59	SLV_Ex	Combination		-6.38	-151.99
67	67	Shell-Thick	60	SLV_Ex	Combination		-24.83	-155.68
68	68	Shell-Thick	60	SLU_ENV	Combination	Max	-13.92	-132.4
68	68	Shell-Thick	59	SLU_ENV	Combination	Max	-14.34	-132.48
68	68	Shell-Thick	86	SLU_ENV	Combination	Max	-14.35	-132.53
68	68	Shell-Thick	87	SLU_ENV	Combination	Max	-13.92	-132.44
68	68	Shell-Thick	60	SLU_ENV	Combination	Min	-47.89	-427.18
68	68	Shell-Thick	59	SLU_ENV	Combination	Min	-45.41	-426.68
68	68	Shell-Thick	86	SLU_ENV	Combination	Min	-42.11	-410.18
68	68	Shell-Thick	87	SLU_ENV	Combination	Min	-44.59	-410.68
68	68	Shell-Thick	60	SLV_Ex	Combination		-25.62	-155.84
68	68	Shell-Thick	59	SLV_Ex	Combination		-7.08	-152.13
68	68	Shell-Thick	86	SLV_Ex	Combination		-7.22	-152.84
68	68	Shell-Thick	87	SLV_Ex	Combination		-25.77	-156.55
69	69	Shell-Thick	87	SLU_ENV	Combination	Max	-13.93	-132.44
69	69	Shell-Thick	86	SLU_ENV	Combination	Max	-14.37	-132.53
69	69	Shell-Thick	113	SLU_ENV	Combination	Max	-14.39	-132.65
69	69	Shell-Thick	114	SLU_ENV	Combination	Max	-13.96	-132.57
69	69	Shell-Thick	87	SLU_ENV	Combination	Min	-46.93	-411.14
69	69	Shell-Thick	86	SLU_ENV	Combination	Min	-44.51	-410.66
69	69	Shell-Thick	113	SLU_ENV	Combination	Min	-41.53	-395.76
69	69	Shell-Thick	114	SLU_ENV	Combination	Min	-43.95	-396.24
69	69	Shell-Thick	87	SLV_Ex	Combination		-25.96	-156.59
69	69	Shell-Thick	86	SLV_Ex	Combination		-7.41	-152.88
69	69	Shell-Thick	113	SLV_Ex	Combination		-7.26	-152.12
69	69	Shell-Thick	114	SLV_Ex	Combination		-25.81	-155.83
70	70	Shell-Thick	806	SLU_ENV	Combination	Max	-0.48	31.93
70	70	Shell-Thick	821	SLU_ENV	Combination	Max	-3.995E-02	33.18
70	70	Shell-Thick	822	SLU_ENV	Combination	Max	-0.44	26.73
70	70	Shell-Thick	807	SLU_ENV	Combination	Max	-0.88	25.49
70	70	Shell-Thick	806	SLU_ENV	Combination	Min	-43.23	8.12
70	70	Shell-Thick	821	SLU_ENV	Combination	Min	-37.01	8.21
70	70	Shell-Thick	822	SLU_ENV	Combination	Min	-38.3	6.21
70	70	Shell-Thick	807	SLU_ENV	Combination	Min	-44.52	6.12
70	70	Shell-Thick	806	SLV_Ex	Combination		-155.13	-25.66
70	70	Shell-Thick	821	SLV_Ex	Combination		-152.58	-25.15
70	70	Shell-Thick	822	SLV_Ex	Combination		-152.04	-22.42
70	70	Shell-Thick	807	SLV_Ex	Combination		-154.59	-22.93
71	71	Shell-Thick	807	SLU_ENV	Combination	Max	-0.37	25.59
71	71	Shell-Thick	822	SLU_ENV	Combination	Max	0.28	27.28
71	71	Shell-Thick	823	SLU_ENV	Combination	Max	6.010E-02	24.14
71	71	Shell-Thick	808	SLU_ENV	Combination	Max	-0.6	22.45
71	71	Shell-Thick	807	SLU_ENV	Combination	Min	-44.	6.22
71	71	Shell-Thick	822	SLU_ENV	Combination	Min	-35.55	6.35
71	71	Shell-Thick	823	SLU_ENV	Combination	Min	-36.18	5.23
71	71	Shell-Thick	808	SLU_ENV	Combination	Min	-44.63	5.1

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
71	71	Shell-Thick	807	SLV_Ex	Combination		-151.07	-22.23
71	71	Shell-Thick	822	SLV_Ex	Combination		-141.67	-20.35
71	71	Shell-Thick	823	SLV_Ex	Combination		-140.09	-12.45
71	71	Shell-Thick	808	SLV_Ex	Combination		-149.49	-14.33
72	72	Shell-Thick	808	SLU_ENV	Combination	Max	0.15	23.14
72	72	Shell-Thick	823	SLU_ENV	Combination	Max	0.38	24.24
72	72	Shell-Thick	824	SLU_ENV	Combination	Max	0.24	22.38
72	72	Shell-Thick	809	SLU_ENV	Combination	Max	7.309E-03	21.28
72	72	Shell-Thick	808	SLU_ENV	Combination	Min	-41.2	5.25
72	72	Shell-Thick	823	SLU_ENV	Combination	Min	-35.67	5.3
72	72	Shell-Thick	824	SLU_ENV	Combination	Min	-36.04	4.6
72	72	Shell-Thick	809	SLU_ENV	Combination	Min	-41.57	4.56
72	72	Shell-Thick	808	SLV_Ex	Combination		-137.87	-12.01
72	72	Shell-Thick	823	SLV_Ex	Combination		-132.72	-10.98
72	72	Shell-Thick	824	SLV_Ex	Combination		-132.05	-7.64
72	72	Shell-Thick	809	SLV_Ex	Combination		-137.2	-8.67
73	73	Shell-Thick	809	SLU_ENV	Combination	Max	0.15	21.33
73	73	Shell-Thick	824	SLU_ENV	Combination	Max	0.51	22.59
73	73	Shell-Thick	825	SLU_ENV	Combination	Max	0.46	21.64
73	73	Shell-Thick	810	SLU_ENV	Combination	Max	0.1	20.37
73	73	Shell-Thick	809	SLU_ENV	Combination	Min	-41.34	4.58
73	73	Shell-Thick	824	SLU_ENV	Combination	Min	-35.01	4.66
73	73	Shell-Thick	825	SLU_ENV	Combination	Min	-35.2	4.4
73	73	Shell-Thick	810	SLU_ENV	Combination	Min	-41.53	4.33
73	73	Shell-Thick	809	SLV_Ex	Combination		-128.53	-6.94
73	73	Shell-Thick	824	SLV_Ex	Combination		-118.15	-4.86
73	73	Shell-Thick	825	SLV_Ex	Combination		-117.73	-2.76
73	73	Shell-Thick	810	SLV_Ex	Combination		-128.11	-4.83
74	74	Shell-Thick	810	SLU_ENV	Combination	Max	0.1	20.37
74	74	Shell-Thick	825	SLU_ENV	Combination	Max	0.46	21.64
74	74	Shell-Thick	826	SLU_ENV	Combination	Max	0.51	22.59
74	74	Shell-Thick	811	SLU_ENV	Combination	Max	0.15	21.33
74	74	Shell-Thick	810	SLU_ENV	Combination	Min	-41.53	4.33
74	74	Shell-Thick	825	SLU_ENV	Combination	Min	-35.2	4.4
74	74	Shell-Thick	826	SLU_ENV	Combination	Min	-35.01	4.66
74	74	Shell-Thick	811	SLU_ENV	Combination	Min	-41.34	4.58
74	74	Shell-Thick	810	SLV_Ex	Combination		-109.39	-1.09
74	74	Shell-Thick	825	SLV_Ex	Combination		-108.02	-0.81
74	74	Shell-Thick	826	SLV_Ex	Combination		-107.21	3.22
74	74	Shell-Thick	811	SLV_Ex	Combination		-108.58	2.94
75	75	Shell-Thick	811	SLU_ENV	Combination	Max	7.335E-03	21.28
75	75	Shell-Thick	826	SLU_ENV	Combination	Max	0.24	22.38
75	75	Shell-Thick	827	SLU_ENV	Combination	Max	0.38	24.24
75	75	Shell-Thick	812	SLU_ENV	Combination	Max	0.15	23.13
75	75	Shell-Thick	811	SLU_ENV	Combination	Min	-41.57	4.56
75	75	Shell-Thick	826	SLU_ENV	Combination	Min	-36.04	4.6
75	75	Shell-Thick	827	SLU_ENV	Combination	Min	-35.67	5.3
75	75	Shell-Thick	812	SLU_ENV	Combination	Min	-41.2	5.25
75	75	Shell-Thick	811	SLV_Ex	Combination		-97.77	5.11
75	75	Shell-Thick	826	SLV_Ex	Combination		-94.23	5.81
75	75	Shell-Thick	827	SLV_Ex	Combination		-92.61	13.9
75	75	Shell-Thick	812	SLV_Ex	Combination		-96.16	13.19
76	76	Shell-Thick	812	SLU_ENV	Combination	Max	-0.6	22.45
76	76	Shell-Thick	827	SLU_ENV	Combination	Max	6.014E-02	24.14

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
76	76	Shell-Thick	828	SLU_ENV	Combination	Max	0.28	27.28
76	76	Shell-Thick	813	SLU_ENV	Combination	Max	-0.37	25.59
76	76	Shell-Thick	812	SLU_ENV	Combination	Min	-44.63	5.1
76	76	Shell-Thick	827	SLU_ENV	Combination	Min	-36.18	5.23
76	76	Shell-Thick	828	SLU_ENV	Combination	Min	-35.55	6.35
76	76	Shell-Thick	813	SLU_ENV	Combination	Min	-44.	6.22
76	76	Shell-Thick	812	SLV_Ex	Combination		-85.42	15.34
76	76	Shell-Thick	827	SLV_Ex	Combination		-85.49	15.33
76	76	Shell-Thick	828	SLV_Ex	Combination		-81.96	33.01
76	76	Shell-Thick	813	SLV_Ex	Combination		-81.88	33.02
77	77	Shell-Thick	813	SLU_ENV	Combination	Max	-0.88	25.49
77	77	Shell-Thick	828	SLU_ENV	Combination	Max	-0.44	26.73
77	77	Shell-Thick	829	SLU_ENV	Combination	Max	-4.030E-02	33.17
77	77	Shell-Thick	814	SLU_ENV	Combination	Max	-0.48	31.93
77	77	Shell-Thick	813	SLU_ENV	Combination	Min	-44.52	6.12
77	77	Shell-Thick	828	SLU_ENV	Combination	Min	-38.3	6.21
77	77	Shell-Thick	829	SLU_ENV	Combination	Min	-37.01	8.21
77	77	Shell-Thick	814	SLU_ENV	Combination	Min	-43.23	8.12
77	77	Shell-Thick	813	SLV_Ex	Combination		-77.22	33.95
77	77	Shell-Thick	828	SLV_Ex	Combination		-75.68	34.26
77	77	Shell-Thick	829	SLV_Ex	Combination		-70.81	58.62
77	77	Shell-Thick	814	SLV_Ex	Combination		-72.35	58.31
78	78	Shell-Thick	114	SLU_ENV	Combination	Max	-13.67	-132.51
78	78	Shell-Thick	113	SLU_ENV	Combination	Max	-14.11	-132.6
78	78	Shell-Thick	166	SLU_ENV	Combination	Max	-14.12	-132.66
78	78	Shell-Thick	167	SLU_ENV	Combination	Max	-13.68	-132.57
78	78	Shell-Thick	114	SLU_ENV	Combination	Min	-44.9	-396.43
78	78	Shell-Thick	113	SLU_ENV	Combination	Min	-42.63	-395.97
78	78	Shell-Thick	166	SLU_ENV	Combination	Min	-39.71	-381.42
78	78	Shell-Thick	167	SLU_ENV	Combination	Min	-41.99	-381.87
78	78	Shell-Thick	114	SLV_Ex	Combination		-25.79	-155.83
78	78	Shell-Thick	113	SLV_Ex	Combination		-7.	-152.07
78	78	Shell-Thick	166	SLV_Ex	Combination		-7.33	-153.72
78	78	Shell-Thick	167	SLV_Ex	Combination		-26.12	-157.48
79	79	Shell-Thick	167	SLU_ENV	Combination	Max	-13.06	-132.44
79	79	Shell-Thick	166	SLU_ENV	Combination	Max	-13.35	-132.5
79	79	Shell-Thick	193	SLU_ENV	Combination	Max	-13.43	-132.88
79	79	Shell-Thick	194	SLU_ENV	Combination	Max	-13.14	-132.82
79	79	Shell-Thick	167	SLU_ENV	Combination	Min	-41.46	-381.77
79	79	Shell-Thick	166	SLU_ENV	Combination	Min	-39.03	-381.28
79	79	Shell-Thick	193	SLU_ENV	Combination	Min	-36.62	-369.22
79	79	Shell-Thick	194	SLU_ENV	Combination	Min	-39.05	-369.7
79	79	Shell-Thick	167	SLV_Ex	Combination		-23.88	-157.03
79	79	Shell-Thick	166	SLV_Ex	Combination		-6.63	-153.58
79	79	Shell-Thick	193	SLV_Ex	Combination		-6.63	-153.59
79	79	Shell-Thick	194	SLV_Ex	Combination		-23.88	-157.04
80	80	Shell-Thick	194	SLU_ENV	Combination	Max	-11.7	-132.53
80	80	Shell-Thick	193	SLU_ENV	Combination	Max	-11.84	-132.56
80	80	Shell-Thick	220	SLU_ENV	Combination	Max	-12.06	-133.63
80	80	Shell-Thick	221	SLU_ENV	Combination	Max	-11.91	-133.6
80	80	Shell-Thick	194	SLU_ENV	Combination	Min	-35.54	-369.
80	80	Shell-Thick	193	SLU_ENV	Combination	Min	-33.15	-368.52
80	80	Shell-Thick	220	SLU_ENV	Combination	Min	-31.11	-358.31
80	80	Shell-Thick	221	SLU_ENV	Combination	Min	-33.49	-358.79

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
80	80	Shell-Thick	194	SLV_Ex	Combination		-18.85	-156.03
80	80	Shell-Thick	193	SLV_Ex	Combination		-5.33	-153.33
80	80	Shell-Thick	220	SLV_Ex	Combination		-7.14	-162.34
80	80	Shell-Thick	221	SLV_Ex	Combination		-20.65	-165.05
81	81	Shell-Thick	221	SLU_ENV	Combination	Max	-9.37	-133.09
81	81	Shell-Thick	220	SLU_ENV	Combination	Max	-8.21	-132.86
81	81	Shell-Thick	247	SLU_ENV	Combination	Max	-8.48	-134.62
81	81	Shell-Thick	248	SLU_ENV	Combination	Max	-9.88	-134.9
81	81	Shell-Thick	221	SLU_ENV	Combination	Min	-27.93	-357.67
81	81	Shell-Thick	220	SLU_ENV	Combination	Min	-21.61	-356.41
81	81	Shell-Thick	247	SLU_ENV	Combination	Min	-20.61	-350.96
81	81	Shell-Thick	248	SLU_ENV	Combination	Min	-26.69	-352.18
81	81	Shell-Thick	221	SLV_Ex	Combination		-2.53	-161.42
81	81	Shell-Thick	220	SLV_Ex	Combination		-5.66	-162.05
81	81	Shell-Thick	247	SLV_Ex	Combination		-6.34	-165.43
81	81	Shell-Thick	248	SLV_Ex	Combination		-3.21	-164.81
82	82	Shell-Thick	248	SLU_ENV	Combination	Max	-3.1	-133.93
82	82	Shell-Thick	247	SLU_ENV	Combination	Max	-5.58	-134.34
82	82	Shell-Thick	274	SLU_ENV	Combination	Max	-3.97	-118.77
82	82	Shell-Thick	275	SLU_ENV	Combination	Max	-1.9	-118.36
82	82	Shell-Thick	248	SLU_ENV	Combination	Min	-11.49	-348.75
82	82	Shell-Thick	247	SLU_ENV	Combination	Min	-14.08	-349.35
82	82	Shell-Thick	274	SLU_ENV	Combination	Min	-12.75	-350.24
82	82	Shell-Thick	275	SLU_ENV	Combination	Min	-9.75	-349.64
82	82	Shell-Thick	248	SLV_Ex	Combination		5.91	-162.98
82	82	Shell-Thick	247	SLV_Ex	Combination		-5.	-165.17
82	82	Shell-Thick	274	SLV_Ex	Combination		-3.42	-157.27
82	82	Shell-Thick	275	SLV_Ex	Combination		7.49	-155.09
83	83	Shell-Thick	275	SLU_ENV	Combination	Max	-0.92	-118.51
83	83	Shell-Thick	274	SLU_ENV	Combination	Max	-2.95	-118.82
83	83	Shell-Thick	301	SLU_ENV	Combination	Max	0.83	-94.75
83	83	Shell-Thick	302	SLU_ENV	Combination	Max	2.13	-94.44
83	83	Shell-Thick	275	SLU_ENV	Combination	Min	-6.19	-348.57
83	83	Shell-Thick	274	SLU_ENV	Combination	Min	-6.19	-348.67
83	83	Shell-Thick	301	SLU_ENV	Combination	Min	-1.45	-330.11
83	83	Shell-Thick	302	SLU_ENV	Combination	Min	-0.72	-330.02
83	83	Shell-Thick	275	SLV_Ex	Combination		-4.32	-157.45
83	83	Shell-Thick	274	SLV_Ex	Combination		-0.84	-156.75
83	83	Shell-Thick	301	SLV_Ex	Combination		2.68	-139.14
83	83	Shell-Thick	302	SLV_Ex	Combination		-0.8	-139.83
84	84	Shell-Thick	580	SLU_ENV	Combination	Max	5.21	-109.25
84	84	Shell-Thick	579	SLU_ENV	Combination	Max	-2.29	-110.17
84	84	Shell-Thick	561	SLU_ENV	Combination	Max	-3.57	-116.58
84	84	Shell-Thick	562	SLU_ENV	Combination	Max	2.62	-115.66
84	84	Shell-Thick	580	SLU_ENV	Combination	Min	2.3	-466.12
84	84	Shell-Thick	579	SLU_ENV	Combination	Min	-7.48	-468.66
84	84	Shell-Thick	561	SLU_ENV	Combination	Min	-10.46	-483.53
84	84	Shell-Thick	562	SLU_ENV	Combination	Min	0.63	-480.99
84	84	Shell-Thick	580	SLV_Ex	Combination		-2.09	-161.64
84	84	Shell-Thick	579	SLV_Ex	Combination		-1.08	-161.44
84	84	Shell-Thick	561	SLV_Ex	Combination		2.61	-143.01
84	84	Shell-Thick	562	SLV_Ex	Combination		1.6	-143.21
85	85	Shell-Thick	562	SLU_ENV	Combination	Max	-1.29	-116.12
85	85	Shell-Thick	561	SLU_ENV	Combination	Max	-3.66	-116.59

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
85	85	Shell-Thick	543	SLU_ENV	Combination	Max	-2.63	-117.42
85	85	Shell-Thick	544	SLU_ENV	Combination	Max	-1.45	-116.94
85	85	Shell-Thick	562	SLU_ENV	Combination	Min	-9.98	-483.43
85	85	Shell-Thick	561	SLU_ENV	Combination	Min	-7.84	-483.01
85	85	Shell-Thick	543	SLU_ENV	Combination	Min	-7.27	-474.2
85	85	Shell-Thick	544	SLU_ENV	Combination	Min	-8.22	-474.63
85	85	Shell-Thick	562	SLV_Ex	Combination		-0.18	-143.57
85	85	Shell-Thick	561	SLV_Ex	Combination		-8.9	-145.31
85	85	Shell-Thick	543	SLV_Ex	Combination		-6.64	-134.02
85	85	Shell-Thick	544	SLV_Ex	Combination		2.08	-132.28
86	86	Shell-Thick	821	SLU_ENV	Combination	Max	-8.190E-02	35.23
86	86	Shell-Thick	836	SLU_ENV	Combination	Max	0.17	36.3
86	86	Shell-Thick	837	SLU_ENV	Combination	Max	-0.15	28.05
86	86	Shell-Thick	822	SLU_ENV	Combination	Max	-0.4	26.98
86	86	Shell-Thick	821	SLU_ENV	Combination	Min	-36.6	8.
86	86	Shell-Thick	836	SLU_ENV	Combination	Min	-31.23	8.05
86	86	Shell-Thick	837	SLU_ENV	Combination	Min	-32.88	6.46
86	86	Shell-Thick	822	SLU_ENV	Combination	Min	-38.25	6.4
86	86	Shell-Thick	821	SLV_Ex	Combination		-153.68	-30.64
86	86	Shell-Thick	836	SLV_Ex	Combination		-150.8	-30.07
86	86	Shell-Thick	837	SLV_Ex	Combination		-149.41	-23.14
86	86	Shell-Thick	822	SLV_Ex	Combination		-152.3	-23.72
87	87	Shell-Thick	822	SLU_ENV	Combination	Max	0.32	27.53
87	87	Shell-Thick	837	SLU_ENV	Combination	Max	0.44	28.52
87	87	Shell-Thick	838	SLU_ENV	Combination	Max	0.23	24.45
87	87	Shell-Thick	823	SLU_ENV	Combination	Max	0.11	23.45
87	87	Shell-Thick	822	SLU_ENV	Combination	Min	-35.5	6.55
87	87	Shell-Thick	837	SLU_ENV	Combination	Min	-30.53	6.57
87	87	Shell-Thick	838	SLU_ENV	Combination	Min	-31.34	5.5
87	87	Shell-Thick	823	SLU_ENV	Combination	Min	-36.31	5.47
87	87	Shell-Thick	822	SLV_Ex	Combination		-141.93	-21.65
87	87	Shell-Thick	837	SLV_Ex	Combination		-140.53	-21.37
87	87	Shell-Thick	838	SLV_Ex	Combination		-139.62	-16.81
87	87	Shell-Thick	823	SLV_Ex	Combination		-141.01	-17.09
88	88	Shell-Thick	823	SLU_ENV	Combination	Max	0.43	23.55
88	88	Shell-Thick	838	SLU_ENV	Combination	Max	0.69	24.79
88	88	Shell-Thick	839	SLU_ENV	Combination	Max	0.56	22.44
88	88	Shell-Thick	824	SLU_ENV	Combination	Max	0.3	21.21
88	88	Shell-Thick	823	SLU_ENV	Combination	Min	-35.81	5.54
88	88	Shell-Thick	838	SLU_ENV	Combination	Min	-29.65	5.59
88	88	Shell-Thick	839	SLU_ENV	Combination	Min	-30.12	4.95
88	88	Shell-Thick	824	SLU_ENV	Combination	Min	-36.27	4.89
88	88	Shell-Thick	823	SLV_Ex	Combination		-133.64	-15.61
88	88	Shell-Thick	838	SLV_Ex	Combination		-127.49	-14.38
88	88	Shell-Thick	839	SLV_Ex	Combination		-126.43	-9.1
88	88	Shell-Thick	824	SLV_Ex	Combination		-132.59	-10.33
89	89	Shell-Thick	824	SLU_ENV	Combination	Max	0.57	21.42
89	89	Shell-Thick	839	SLU_ENV	Combination	Max	0.75	22.53
89	89	Shell-Thick	840	SLU_ENV	Combination	Max	0.71	21.92
89	89	Shell-Thick	825	SLU_ENV	Combination	Max	0.53	20.8
89	89	Shell-Thick	824	SLU_ENV	Combination	Min	-35.24	4.95
89	89	Shell-Thick	839	SLU_ENV	Combination	Min	-29.65	4.98
89	89	Shell-Thick	840	SLU_ENV	Combination	Min	-29.78	4.77
89	89	Shell-Thick	825	SLU_ENV	Combination	Min	-35.37	4.74

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
89	89	Shell-Thick	824	SLV_Ex	Combination		-118.69	-7.55
89	89	Shell-Thick	839	SLV_Ex	Combination		-117.41	-7.29
89	89	Shell-Thick	840	SLV_Ex	Combination		-116.43	-2.38
89	89	Shell-Thick	825	SLV_Ex	Combination		-117.7	-2.63
90	90	Shell-Thick	825	SLU_ENV	Combination	Max	0.53	20.8
90	90	Shell-Thick	840	SLU_ENV	Combination	Max	0.71	21.92
90	90	Shell-Thick	841	SLU_ENV	Combination	Max	0.75	22.53
90	90	Shell-Thick	826	SLU_ENV	Combination	Max	0.57	21.41
90	90	Shell-Thick	825	SLU_ENV	Combination	Min	-35.37	4.74
90	90	Shell-Thick	840	SLU_ENV	Combination	Min	-29.78	4.77
90	90	Shell-Thick	841	SLU_ENV	Combination	Min	-29.65	4.98
90	90	Shell-Thick	826	SLU_ENV	Combination	Min	-35.24	4.95
90	90	Shell-Thick	825	SLV_Ex	Combination		-108.	-0.69
90	90	Shell-Thick	840	SLV_Ex	Combination		-103.77	0.15
90	90	Shell-Thick	841	SLV_Ex	Combination		-102.45	6.76
90	90	Shell-Thick	826	SLV_Ex	Combination		-106.68	5.91
91	91	Shell-Thick	826	SLU_ENV	Combination	Max	0.3	21.21
91	91	Shell-Thick	841	SLU_ENV	Combination	Max	0.56	22.44
91	91	Shell-Thick	842	SLU_ENV	Combination	Max	0.69	24.79
91	91	Shell-Thick	827	SLU_ENV	Combination	Max	0.43	23.55
91	91	Shell-Thick	826	SLU_ENV	Combination	Min	-36.27	4.89
91	91	Shell-Thick	841	SLU_ENV	Combination	Min	-30.12	4.95
91	91	Shell-Thick	842	SLU_ENV	Combination	Min	-29.65	5.59
91	91	Shell-Thick	827	SLU_ENV	Combination	Min	-35.8	5.54
91	91	Shell-Thick	826	SLV_Ex	Combination		-93.69	8.51
91	91	Shell-Thick	841	SLV_Ex	Combination		-94.55	8.34
91	91	Shell-Thick	842	SLV_Ex	Combination		-92.31	19.52
91	91	Shell-Thick	827	SLV_Ex	Combination		-91.46	19.69
92	92	Shell-Thick	827	SLU_ENV	Combination	Max	0.11	23.45
92	92	Shell-Thick	842	SLU_ENV	Combination	Max	0.23	24.45
92	92	Shell-Thick	843	SLU_ENV	Combination	Max	0.44	28.52
92	92	Shell-Thick	828	SLU_ENV	Combination	Max	0.32	27.53
92	92	Shell-Thick	827	SLU_ENV	Combination	Min	-36.31	5.47
92	92	Shell-Thick	842	SLU_ENV	Combination	Min	-31.34	5.5
92	92	Shell-Thick	843	SLU_ENV	Combination	Min	-30.53	6.57
92	92	Shell-Thick	828	SLU_ENV	Combination	Min	-35.5	6.55
92	92	Shell-Thick	827	SLV_Ex	Combination		-84.34	21.11
92	92	Shell-Thick	842	SLV_Ex	Combination		-83.59	21.26
92	92	Shell-Thick	843	SLV_Ex	Combination		-80.66	35.89
92	92	Shell-Thick	828	SLV_Ex	Combination		-81.41	35.74
93	93	Shell-Thick	828	SLU_ENV	Combination	Max	-0.4	26.97
93	93	Shell-Thick	843	SLU_ENV	Combination	Max	-0.15	28.05
93	93	Shell-Thick	844	SLU_ENV	Combination	Max	0.17	36.3
93	93	Shell-Thick	829	SLU_ENV	Combination	Max	-8.211E-02	35.22
93	93	Shell-Thick	828	SLU_ENV	Combination	Min	-38.25	6.4
93	93	Shell-Thick	843	SLU_ENV	Combination	Min	-32.88	6.46
93	93	Shell-Thick	844	SLU_ENV	Combination	Min	-31.23	8.05
93	93	Shell-Thick	829	SLU_ENV	Combination	Min	-36.6	8.
93	93	Shell-Thick	828	SLV_Ex	Combination		-75.14	36.99
93	93	Shell-Thick	843	SLV_Ex	Combination		-75.5	36.92
93	93	Shell-Thick	844	SLV_Ex	Combination		-71.12	58.82
93	93	Shell-Thick	829	SLV_Ex	Combination		-70.76	58.89
94	94	Shell-Thick	544	SLU_ENV	Combination	Max	-4.01	-117.46
94	94	Shell-Thick	543	SLU_ENV	Combination	Max	-7.73	-118.2

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
94	94	Shell-Thick	116	SLU_ENV	Combination	Max	-7.45	-116.82
94	94	Shell-Thick	117	SLU_ENV	Combination	Max	-3.73	-116.07
94	94	Shell-Thick	544	SLU_ENV	Combination	Min	-18.1	-476.61
94	94	Shell-Thick	543	SLU_ENV	Combination	Min	-25.41	-478.07
94	94	Shell-Thick	116	SLU_ENV	Combination	Min	-21.92	-460.6
94	94	Shell-Thick	117	SLU_ENV	Combination	Min	-14.6	-459.14
94	94	Shell-Thick	544	SLV_Ex	Combination		1.69	-132.36
94	94	Shell-Thick	543	SLV_Ex	Combination		-3.97	-133.49
94	94	Shell-Thick	116	SLV_Ex	Combination		-3.6	-131.62
94	94	Shell-Thick	117	SLV_Ex	Combination		2.06	-130.49
95	95	Shell-Thick	117	SLU_ENV	Combination	Max	-7.68	-116.86
95	95	Shell-Thick	116	SLU_ENV	Combination	Max	-9.77	-117.28
95	95	Shell-Thick	3	SLU_ENV	Combination	Max	-9.4	-115.41
95	95	Shell-Thick	4	SLU_ENV	Combination	Max	-7.31	-114.99
95	95	Shell-Thick	117	SLU_ENV	Combination	Min	-31.86	-462.59
95	95	Shell-Thick	116	SLU_ENV	Combination	Min	-35.19	-463.25
95	95	Shell-Thick	3	SLU_ENV	Combination	Min	-29.97	-437.16
95	95	Shell-Thick	4	SLU_ENV	Combination	Min	-26.64	-436.49
95	95	Shell-Thick	117	SLV_Ex	Combination		0.85	-130.73
95	95	Shell-Thick	116	SLV_Ex	Combination		10.49	-128.8
95	95	Shell-Thick	3	SLV_Ex	Combination		9.01	-136.18
95	95	Shell-Thick	4	SLV_Ex	Combination		-0.62	-138.11
96	96	Shell-Thick	4	SLU_ENV	Combination	Max	-9.53	-115.43
96	96	Shell-Thick	3	SLU_ENV	Combination	Max	-10.94	-115.71
96	96	Shell-Thick	31	SLU_ENV	Combination	Max	-10.85	-115.24
96	96	Shell-Thick	32	SLU_ENV	Combination	Max	-9.43	-114.96
96	96	Shell-Thick	4	SLU_ENV	Combination	Min	-37.53	-438.67
96	96	Shell-Thick	3	SLU_ENV	Combination	Min	-38.52	-438.87
96	96	Shell-Thick	31	SLU_ENV	Combination	Min	-34.64	-419.48
96	96	Shell-Thick	32	SLU_ENV	Combination	Min	-33.65	-419.28
96	96	Shell-Thick	4	SLV_Ex	Combination		-2.4	-138.46
96	96	Shell-Thick	3	SLV_Ex	Combination		13.1	-135.36
96	96	Shell-Thick	31	SLV_Ex	Combination		13.24	-134.66
96	96	Shell-Thick	32	SLV_Ex	Combination		-2.26	-137.76
97	97	Shell-Thick	32	SLU_ENV	Combination	Max	-10.51	-115.17
97	97	Shell-Thick	31	SLU_ENV	Combination	Max	-11.59	-115.39
97	97	Shell-Thick	58	SLU_ENV	Combination	Max	-11.55	-115.17
97	97	Shell-Thick	59	SLU_ENV	Combination	Max	-10.47	-114.95
97	97	Shell-Thick	32	SLU_ENV	Combination	Min	-40.39	-420.63
97	97	Shell-Thick	31	SLU_ENV	Combination	Min	-40.23	-420.59
97	97	Shell-Thick	58	SLU_ENV	Combination	Min	-36.38	-401.34
97	97	Shell-Thick	59	SLU_ENV	Combination	Min	-36.54	-401.37
97	97	Shell-Thick	32	SLV_Ex	Combination		-3.59	-138.03
97	97	Shell-Thick	31	SLV_Ex	Combination		14.04	-134.5
97	97	Shell-Thick	58	SLV_Ex	Combination		13.79	-135.77
97	97	Shell-Thick	59	SLV_Ex	Combination		-3.85	-139.3
98	98	Shell-Thick	59	SLU_ENV	Combination	Max	-10.85	-115.03
98	98	Shell-Thick	58	SLU_ENV	Combination	Max	-11.85	-115.23
98	98	Shell-Thick	85	SLU_ENV	Combination	Max	-11.87	-115.33
98	98	Shell-Thick	86	SLU_ENV	Combination	Max	-10.87	-115.13
98	98	Shell-Thick	59	SLU_ENV	Combination	Min	-40.5	-402.16
98	98	Shell-Thick	58	SLU_ENV	Combination	Min	-39.67	-402.
98	98	Shell-Thick	85	SLU_ENV	Combination	Min	-36.41	-385.68
98	98	Shell-Thick	86	SLU_ENV	Combination	Min	-37.24	-385.84

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
98	98	Shell-Thick	59	SLV_Ex	Combination		-4.54	-139.44
98	98	Shell-Thick	58	SLV_Ex	Combination		13.33	-135.86
98	98	Shell-Thick	85	SLV_Ex	Combination		13.46	-135.22
98	98	Shell-Thick	86	SLV_Ex	Combination		-4.41	-138.79
99	99	Shell-Thick	86	SLU_ENV	Combination	Max	-10.89	-115.13
99	99	Shell-Thick	85	SLU_ENV	Combination	Max	-11.89	-115.33
99	99	Shell-Thick	112	SLU_ENV	Combination	Max	-11.89	-115.32
99	99	Shell-Thick	113	SLU_ENV	Combination	Max	-10.89	-115.12
99	99	Shell-Thick	86	SLU_ENV	Combination	Min	-39.65	-386.33
99	99	Shell-Thick	85	SLU_ENV	Combination	Min	-38.31	-386.06
99	99	Shell-Thick	112	SLU_ENV	Combination	Min	-35.11	-370.04
99	99	Shell-Thick	113	SLU_ENV	Combination	Min	-36.44	-370.31
99	99	Shell-Thick	86	SLV_Ex	Combination		-4.6	-138.83
99	99	Shell-Thick	85	SLV_Ex	Combination		13.28	-135.25
99	99	Shell-Thick	112	SLV_Ex	Combination		13.09	-136.21
99	99	Shell-Thick	113	SLV_Ex	Combination		-4.79	-139.78
100	100	Shell-Thick	113	SLU_ENV	Combination	Max	-10.6	-115.06
100	100	Shell-Thick	112	SLU_ENV	Combination	Max	-11.67	-115.28
100	100	Shell-Thick	165	SLU_ENV	Combination	Max	-11.7	-115.46
100	100	Shell-Thick	166	SLU_ENV	Combination	Max	-10.64	-115.24
100	100	Shell-Thick	113	SLU_ENV	Combination	Min	-37.54	-370.53
100	100	Shell-Thick	112	SLU_ENV	Combination	Min	-36.31	-370.28
100	100	Shell-Thick	165	SLU_ENV	Combination	Min	-33.51	-356.27
100	100	Shell-Thick	166	SLU_ENV	Combination	Min	-34.73	-356.51
100	100	Shell-Thick	113	SLV_Ex	Combination		-4.53	-139.73
100	100	Shell-Thick	112	SLV_Ex	Combination		13.4	-136.14
100	100	Shell-Thick	165	SLV_Ex	Combination		13.64	-134.93
100	100	Shell-Thick	166	SLV_Ex	Combination		-4.29	-138.52
101	101	Shell-Thick	166	SLU_ENV	Combination	Max	-9.87	-115.09
101	101	Shell-Thick	165	SLU_ENV	Combination	Max	-11.14	-115.34
101	101	Shell-Thick	192	SLU_ENV	Combination	Max	-11.18	-115.54
101	101	Shell-Thick	193	SLU_ENV	Combination	Max	-9.91	-115.28
101	101	Shell-Thick	166	SLU_ENV	Combination	Min	-34.05	-356.38
101	101	Shell-Thick	165	SLU_ENV	Combination	Min	-33.87	-356.34
101	101	Shell-Thick	192	SLU_ENV	Combination	Min	-31.21	-343.02
101	101	Shell-Thick	193	SLU_ENV	Combination	Min	-31.38	-343.05
101	101	Shell-Thick	166	SLV_Ex	Combination		-3.59	-138.38
101	101	Shell-Thick	165	SLV_Ex	Combination		13.04	-135.05
101	101	Shell-Thick	192	SLV_Ex	Combination		12.79	-136.3
101	101	Shell-Thick	193	SLV_Ex	Combination		-3.83	-139.62
102	102	Shell-Thick	836	SLU_ENV	Combination	Max	0.14	36.68
102	102	Shell-Thick	851	SLU_ENV	Combination	Max	0.19	37.36
102	102	Shell-Thick	852	SLU_ENV	Combination	Max	-7.866E-02	28.84
102	102	Shell-Thick	837	SLU_ENV	Combination	Max	-0.13	28.16
102	102	Shell-Thick	836	SLU_ENV	Combination	Min	-31.15	7.9
102	102	Shell-Thick	851	SLU_ENV	Combination	Min	-27.76	7.91
102	102	Shell-Thick	852	SLU_ENV	Combination	Min	-29.47	6.57
102	102	Shell-Thick	837	SLU_ENV	Combination	Min	-32.86	6.56
102	102	Shell-Thick	836	SLV_Ex	Combination		-151.3	-32.55
102	102	Shell-Thick	851	SLV_Ex	Combination		-151.13	-32.52
102	102	Shell-Thick	852	SLV_Ex	Combination		-149.61	-24.91
102	102	Shell-Thick	837	SLV_Ex	Combination		-149.77	-24.95
103	103	Shell-Thick	837	SLU_ENV	Combination	Max	0.46	28.63
103	103	Shell-Thick	852	SLU_ENV	Combination	Max	0.56	29.52

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
103	103	Shell-Thick	853	SLU_ENV	Combination	Max	0.36	24.52
103	103	Shell-Thick	838	SLU_ENV	Combination	Max	0.26	23.63
103	103	Shell-Thick	837	SLU_ENV	Combination	Min	-30.5	6.68
103	103	Shell-Thick	852	SLU_ENV	Combination	Min	-26.06	6.7
103	103	Shell-Thick	853	SLU_ENV	Combination	Min	-27.05	5.68
103	103	Shell-Thick	838	SLU_ENV	Combination	Min	-31.5	5.66
103	103	Shell-Thick	837	SLV_Ex	Combination		-140.89	-23.17
103	103	Shell-Thick	852	SLV_Ex	Combination		-138.28	-22.65
103	103	Shell-Thick	853	SLV_Ex	Combination		-137.18	-17.15
103	103	Shell-Thick	838	SLV_Ex	Combination		-139.79	-17.67
104	104	Shell-Thick	838	SLU_ENV	Combination	Max	0.72	23.97
104	104	Shell-Thick	853	SLU_ENV	Combination	Max	0.76	24.85
104	104	Shell-Thick	854	SLU_ENV	Combination	Max	0.63	22.06
104	104	Shell-Thick	839	SLU_ENV	Combination	Max	0.6	21.18
104	104	Shell-Thick	838	SLU_ENV	Combination	Min	-29.81	5.75
104	104	Shell-Thick	853	SLU_ENV	Combination	Min	-25.42	5.76
104	104	Shell-Thick	854	SLU_ENV	Combination	Min	-25.98	5.12
104	104	Shell-Thick	839	SLU_ENV	Combination	Min	-30.37	5.11
104	104	Shell-Thick	838	SLV_Ex	Combination		-127.66	-15.24
104	104	Shell-Thick	853	SLV_Ex	Combination		-127.86	-15.28
104	104	Shell-Thick	854	SLV_Ex	Combination		-126.83	-10.14
104	104	Shell-Thick	839	SLV_Ex	Combination		-126.63	-10.1
105	105	Shell-Thick	839	SLU_ENV	Combination	Max	0.78	21.28
105	105	Shell-Thick	854	SLU_ENV	Combination	Max	0.89	22.26
105	105	Shell-Thick	855	SLU_ENV	Combination	Max	0.84	21.31
105	105	Shell-Thick	840	SLU_ENV	Combination	Max	0.74	20.32
105	105	Shell-Thick	839	SLU_ENV	Combination	Min	-29.9	5.15
105	105	Shell-Thick	854	SLU_ENV	Combination	Min	-24.99	5.17
105	105	Shell-Thick	855	SLU_ENV	Combination	Min	-25.18	4.96
105	105	Shell-Thick	840	SLU_ENV	Combination	Min	-30.09	4.94
105	105	Shell-Thick	839	SLV_Ex	Combination		-117.61	-8.29
105	105	Shell-Thick	854	SLV_Ex	Combination		-114.17	-7.61
105	105	Shell-Thick	855	SLV_Ex	Combination		-112.92	-1.36
105	105	Shell-Thick	840	SLV_Ex	Combination		-116.36	-2.05
106	106	Shell-Thick	840	SLU_ENV	Combination	Max	0.74	20.32
106	106	Shell-Thick	855	SLU_ENV	Combination	Max	0.84	21.31
106	106	Shell-Thick	856	SLU_ENV	Combination	Max	0.89	22.26
106	106	Shell-Thick	841	SLU_ENV	Combination	Max	0.78	21.28
106	106	Shell-Thick	840	SLU_ENV	Combination	Min	-30.09	4.94
106	106	Shell-Thick	855	SLU_ENV	Combination	Min	-25.18	4.96
106	106	Shell-Thick	856	SLU_ENV	Combination	Min	-24.99	5.17
106	106	Shell-Thick	841	SLU_ENV	Combination	Min	-29.9	5.15
106	106	Shell-Thick	840	SLV_Ex	Combination		-103.7	0.49
106	106	Shell-Thick	855	SLV_Ex	Combination		-104.55	0.32
106	106	Shell-Thick	856	SLV_Ex	Combination		-102.87	8.7
106	106	Shell-Thick	841	SLV_Ex	Combination		-102.02	8.87
107	107	Shell-Thick	841	SLU_ENV	Combination	Max	0.6	21.18
107	107	Shell-Thick	856	SLU_ENV	Combination	Max	0.63	22.06
107	107	Shell-Thick	857	SLU_ENV	Combination	Max	0.76	24.85
107	107	Shell-Thick	842	SLU_ENV	Combination	Max	0.72	23.97
107	107	Shell-Thick	841	SLU_ENV	Combination	Min	-30.37	5.11
107	107	Shell-Thick	856	SLU_ENV	Combination	Min	-25.98	5.12
107	107	Shell-Thick	857	SLU_ENV	Combination	Min	-25.42	5.76
107	107	Shell-Thick	842	SLU_ENV	Combination	Min	-29.81	5.75

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
107	107	Shell-Thick	841	SLV_Ex	Combination		-94.12	10.45
107	107	Shell-Thick	856	SLV_Ex	Combination		-92.47	10.78
107	107	Shell-Thick	857	SLV_Ex	Combination		-90.21	22.06
107	107	Shell-Thick	842	SLV_Ex	Combination		-91.87	21.73
108	108	Shell-Thick	842	SLU_ENV	Combination	Max	0.26	23.63
108	108	Shell-Thick	857	SLU_ENV	Combination	Max	0.36	24.52
108	108	Shell-Thick	858	SLU_ENV	Combination	Max	0.56	29.52
108	108	Shell-Thick	843	SLU_ENV	Combination	Max	0.46	28.63
108	108	Shell-Thick	842	SLU_ENV	Combination	Min	-31.5	5.66
108	108	Shell-Thick	857	SLU_ENV	Combination	Min	-27.05	5.68
108	108	Shell-Thick	858	SLU_ENV	Combination	Min	-26.06	6.7
108	108	Shell-Thick	843	SLU_ENV	Combination	Min	-30.5	6.68
108	108	Shell-Thick	842	SLV_Ex	Combination		-83.14	23.47
108	108	Shell-Thick	857	SLV_Ex	Combination		-84.24	23.25
108	108	Shell-Thick	858	SLV_Ex	Combination		-81.28	38.05
108	108	Shell-Thick	843	SLV_Ex	Combination		-80.19	38.26
109	109	Shell-Thick	843	SLU_ENV	Combination	Max	-0.13	28.16
109	109	Shell-Thick	858	SLU_ENV	Combination	Max	-7.869E-02	28.84
109	109	Shell-Thick	859	SLU_ENV	Combination	Max	0.19	37.36
109	109	Shell-Thick	844	SLU_ENV	Combination	Max	0.14	36.68
109	109	Shell-Thick	843	SLU_ENV	Combination	Min	-32.86	6.56
109	109	Shell-Thick	858	SLU_ENV	Combination	Min	-29.47	6.57
109	109	Shell-Thick	859	SLU_ENV	Combination	Min	-27.76	7.91
109	109	Shell-Thick	844	SLU_ENV	Combination	Min	-31.15	7.9
109	109	Shell-Thick	843	SLV_Ex	Combination		-75.02	39.3
109	109	Shell-Thick	858	SLV_Ex	Combination		-74.86	39.33
109	109	Shell-Thick	859	SLV_Ex	Combination		-71.12	58.
109	109	Shell-Thick	844	SLV_Ex	Combination		-71.29	57.97
110	110	Shell-Thick	193	SLU_ENV	Combination	Max	-8.32	-114.97
110	110	Shell-Thick	192	SLU_ENV	Combination	Max	-10.03	-115.31
110	110	Shell-Thick	219	SLU_ENV	Combination	Max	-10.31	-116.73
110	110	Shell-Thick	220	SLU_ENV	Combination	Max	-8.61	-116.39
110	110	Shell-Thick	193	SLU_ENV	Combination	Min	-27.92	-342.36
110	110	Shell-Thick	192	SLU_ENV	Combination	Min	-29.77	-342.73
110	110	Shell-Thick	219	SLU_ENV	Combination	Min	-28.27	-335.25
110	110	Shell-Thick	220	SLU_ENV	Combination	Min	-26.42	-334.88
110	110	Shell-Thick	193	SLV_Ex	Combination		-2.54	-139.36
110	110	Shell-Thick	192	SLV_Ex	Combination		10.77	-136.7
110	110	Shell-Thick	219	SLV_Ex	Combination		12.04	-130.32
110	110	Shell-Thick	220	SLV_Ex	Combination		-1.26	-132.98
111	111	Shell-Thick	220	SLU_ENV	Combination	Max	-4.77	-115.62
111	111	Shell-Thick	219	SLU_ENV	Combination	Max	-8.17	-116.3
111	111	Shell-Thick	246	SLU_ENV	Combination	Max	-7.03	-117.59
111	111	Shell-Thick	247	SLU_ENV	Combination	Max	-4.99	-117.19
111	111	Shell-Thick	220	SLU_ENV	Combination	Min	-16.92	-332.98
111	111	Shell-Thick	219	SLU_ENV	Combination	Min	-22.17	-334.03
111	111	Shell-Thick	246	SLU_ENV	Combination	Min	-22.37	-328.07
111	111	Shell-Thick	247	SLU_ENV	Combination	Min	-15.76	-326.75
111	111	Shell-Thick	220	SLV_Ex	Combination		0.21	-132.69
111	111	Shell-Thick	219	SLV_Ex	Combination		-1.89	-133.11
111	111	Shell-Thick	246	SLV_Ex	Combination		-1.87	-133.02
111	111	Shell-Thick	247	SLV_Ex	Combination		0.23	-132.6
112	112	Shell-Thick	247	SLU_ENV	Combination	Max	-1.95	-116.85
112	112	Shell-Thick	246	SLU_ENV	Combination	Max	-4.26	-117.11

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
112	112	Shell-Thick	273	SLU_ENV	Combination	Max	-1.74	-102.77
112	112	Shell-Thick	274	SLU_ENV	Combination	Max	-0.73	-102.57
112	112	Shell-Thick	247	SLU_ENV	Combination	Min	-9.38	-325.2
112	112	Shell-Thick	246	SLU_ENV	Combination	Min	-9.3	-325.39
112	112	Shell-Thick	273	SLU_ENV	Combination	Min	-8.87	-324.96
112	112	Shell-Thick	274	SLU_ENV	Combination	Min	-7.64	-324.71
112	112	Shell-Thick	247	SLV_Ex	Combination		1.56	-132.33
112	112	Shell-Thick	246	SLV_Ex	Combination		-7.19	-134.09
112	112	Shell-Thick	273	SLV_Ex	Combination		-9.81	-147.14
112	112	Shell-Thick	274	SLV_Ex	Combination		-1.05	-145.39
113	113	Shell-Thick	274	SLU_ENV	Combination	Max	0.82	-102.62
113	113	Shell-Thick	273	SLU_ENV	Combination	Max	-3.7	-103.29
113	113	Shell-Thick	300	SLU_ENV	Combination	Max	-0.2	-82.52
113	113	Shell-Thick	301	SLU_ENV	Combination	Max	4.96	-81.84
113	113	Shell-Thick	274	SLU_ENV	Combination	Min	-1.62	-323.15
113	113	Shell-Thick	273	SLU_ENV	Combination	Min	-9.29	-324.91
113	113	Shell-Thick	300	SLU_ENV	Combination	Min	-4.87	-306.11
113	113	Shell-Thick	301	SLU_ENV	Combination	Min	2.16	-304.34
113	113	Shell-Thick	274	SLV_Ex	Combination		1.53	-144.88
113	113	Shell-Thick	273	SLV_Ex	Combination		2.51	-144.68
113	113	Shell-Thick	300	SLV_Ex	Combination		-1.96	-167.
113	113	Shell-Thick	301	SLV_Ex	Combination		-2.93	-167.2
114	114	Shell-Thick	579	SLU_ENV	Combination	Max	0.7	-95.21
114	114	Shell-Thick	597	SLU_ENV	Combination	Max	10.85	-95.37
114	114	Shell-Thick	596	SLU_ENV	Combination	Max	6.71	-100.26
114	114	Shell-Thick	561	SLU_ENV	Combination	Max	-0.28	-100.1
114	114	Shell-Thick	579	SLU_ENV	Combination	Min	-3.23	-447.41
114	114	Shell-Thick	597	SLU_ENV	Combination	Min	-9.559E-02	-444.59
114	114	Shell-Thick	596	SLU_ENV	Combination	Min	-1.07	-465.29
114	114	Shell-Thick	561	SLU_ENV	Combination	Min	-7.37	-468.1
114	114	Shell-Thick	579	SLV_Ex	Combination		-8.73	-199.71
114	114	Shell-Thick	597	SLV_Ex	Combination		-27.68	-203.5
114	114	Shell-Thick	596	SLV_Ex	Combination		-11.99	-125.06
114	114	Shell-Thick	561	SLV_Ex	Combination		6.96	-121.27
115	115	Shell-Thick	561	SLU_ENV	Combination	Max	-0.36	-100.11
115	115	Shell-Thick	596	SLU_ENV	Combination	Max	-8.28	-101.7
115	115	Shell-Thick	595	SLU_ENV	Combination	Max	-7.84	-99.49
115	115	Shell-Thick	543	SLU_ENV	Combination	Max	0.92	-97.9
115	115	Shell-Thick	561	SLU_ENV	Combination	Min	-4.75	-467.58
115	115	Shell-Thick	596	SLU_ENV	Combination	Min	-33.2	-473.27
115	115	Shell-Thick	595	SLU_ENV	Combination	Min	-29.58	-455.19
115	115	Shell-Thick	543	SLU_ENV	Combination	Min	-1.98	-449.5
115	115	Shell-Thick	561	SLV_Ex	Combination		-4.55	-123.57
115	115	Shell-Thick	596	SLV_Ex	Combination		-12.95	-125.25
115	115	Shell-Thick	595	SLV_Ex	Combination		-7.27	-96.87
115	115	Shell-Thick	543	SLV_Ex	Combination		1.12	-95.19
116	116	Shell-Thick	543	SLU_ENV	Combination	Max	-3.83	-98.69
116	116	Shell-Thick	595	SLU_ENV	Combination	Max	-9.74	-99.87
116	116	Shell-Thick	115	SLU_ENV	Combination	Max	-9.36	-97.98
116	116	Shell-Thick	116	SLU_ENV	Combination	Max	-3.45	-96.79
116	116	Shell-Thick	543	SLU_ENV	Combination	Min	-20.47	-453.37
116	116	Shell-Thick	595	SLU_ENV	Combination	Min	-44.07	-458.09
116	116	Shell-Thick	115	SLU_ENV	Combination	Min	-39.21	-433.79
116	116	Shell-Thick	116	SLU_ENV	Combination	Min	-15.61	-429.07

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
116	116	Shell-Thick	543	SLV_Ex	Combination		3.8	-94.65
116	116	Shell-Thick	595	SLV_Ex	Combination		28.	-89.81
116	116	Shell-Thick	115	SLV_Ex	Combination		24.33	-108.18
116	116	Shell-Thick	116	SLV_Ex	Combination		0.12	-113.03
117	117	Shell-Thick	116	SLU_ENV	Combination	Max	-5.77	-97.26
117	117	Shell-Thick	115	SLU_ENV	Combination	Max	-9.28	-97.96
117	117	Shell-Thick	2	SLU_ENV	Combination	Max	-9.26	-97.89
117	117	Shell-Thick	3	SLU_ENV	Combination	Max	-5.75	-97.18
117	117	Shell-Thick	116	SLU_ENV	Combination	Min	-28.88	-431.72
117	117	Shell-Thick	115	SLU_ENV	Combination	Min	-38.69	-433.69
117	117	Shell-Thick	2	SLU_ENV	Combination	Min	-35.14	-415.93
117	117	Shell-Thick	3	SLU_ENV	Combination	Min	-25.33	-413.97
117	117	Shell-Thick	116	SLV_Ex	Combination		14.2	-110.21
117	117	Shell-Thick	115	SLV_Ex	Combination		31.82	-106.69
117	117	Shell-Thick	2	SLV_Ex	Combination		30.48	-113.37
117	117	Shell-Thick	3	SLV_Ex	Combination		12.87	-116.89
118	118	Shell-Thick	851	SLU_ENV	Combination	Max	0.19	36.88
118	118	Shell-Thick	866	SLU_ENV	Combination	Max	0.21	37.57
118	118	Shell-Thick	867	SLU_ENV	Combination	Max	-5.689E-02	29.
118	118	Shell-Thick	852	SLU_ENV	Combination	Max	-7.510E-02	28.32
118	118	Shell-Thick	851	SLU_ENV	Combination	Min	-27.86	7.9
118	118	Shell-Thick	866	SLU_ENV	Combination	Min	-24.42	7.9
118	118	Shell-Thick	867	SLU_ENV	Combination	Min	-26.14	6.59
118	118	Shell-Thick	852	SLU_ENV	Combination	Min	-29.57	6.59
118	118	Shell-Thick	851	SLV_Ex	Combination		-151.17	-32.73
118	118	Shell-Thick	866	SLV_Ex	Combination		-150.29	-32.55
118	118	Shell-Thick	867	SLV_Ex	Combination		-148.78	-24.99
118	118	Shell-Thick	852	SLV_Ex	Combination		-149.66	-25.17
119	119	Shell-Thick	852	SLU_ENV	Combination	Max	0.56	29.
119	119	Shell-Thick	867	SLU_ENV	Combination	Max	0.51	29.63
119	119	Shell-Thick	868	SLU_ENV	Combination	Max	0.31	24.
119	119	Shell-Thick	853	SLU_ENV	Combination	Max	0.36	23.37
119	119	Shell-Thick	852	SLU_ENV	Combination	Min	-26.16	6.71
119	119	Shell-Thick	867	SLU_ENV	Combination	Min	-23.02	6.7
119	119	Shell-Thick	868	SLU_ENV	Combination	Min	-24.15	5.7
119	119	Shell-Thick	853	SLU_ENV	Combination	Min	-27.29	5.71
119	119	Shell-Thick	852	SLV_Ex	Combination		-138.33	-22.91
119	119	Shell-Thick	867	SLV_Ex	Combination		-139.57	-23.15
119	119	Shell-Thick	868	SLV_Ex	Combination		-138.42	-17.41
119	119	Shell-Thick	853	SLV_Ex	Combination		-137.18	-17.17
120	120	Shell-Thick	853	SLU_ENV	Combination	Max	0.77	23.7
120	120	Shell-Thick	868	SLU_ENV	Combination	Max	0.8	24.46
120	120	Shell-Thick	869	SLU_ENV	Combination	Max	0.67	21.22
120	120	Shell-Thick	854	SLU_ENV	Combination	Max	0.64	20.46
120	120	Shell-Thick	853	SLU_ENV	Combination	Min	-25.65	5.79
120	120	Shell-Thick	868	SLU_ENV	Combination	Min	-21.85	5.79
120	120	Shell-Thick	869	SLU_ENV	Combination	Min	-22.49	5.16
120	120	Shell-Thick	854	SLU_ENV	Combination	Min	-26.3	5.15
120	120	Shell-Thick	853	SLV_Ex	Combination		-127.87	-15.3
120	120	Shell-Thick	868	SLV_Ex	Combination		-125.87	-14.9
120	120	Shell-Thick	869	SLV_Ex	Combination		-124.85	-9.83
120	120	Shell-Thick	854	SLV_Ex	Combination		-126.85	-10.23
121	121	Shell-Thick	854	SLU_ENV	Combination	Max	0.89	20.65
121	121	Shell-Thick	869	SLU_ENV	Combination	Max	0.86	21.37

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
121	121	Shell-Thick	870	SLU_ENV	Combination	Max	0.81	20.3
121	121	Shell-Thick	855	SLU_ENV	Combination	Max	0.85	19.58
121	121	Shell-Thick	854	SLU_ENV	Combination	Min	-25.31	5.2
121	121	Shell-Thick	869	SLU_ENV	Combination	Min	-21.74	5.19
121	121	Shell-Thick	870	SLU_ENV	Combination	Min	-21.95	4.97
121	121	Shell-Thick	855	SLU_ENV	Combination	Min	-25.53	4.98
121	121	Shell-Thick	854	SLV_Ex	Combination		-114.19	-7.7
121	121	Shell-Thick	869	SLV_Ex	Combination		-115.98	-8.05
121	121	Shell-Thick	870	SLV_Ex	Combination		-114.68	-1.53
121	121	Shell-Thick	855	SLV_Ex	Combination		-112.88	-1.17
122	122	Shell-Thick	855	SLU_ENV	Combination	Max	0.85	19.58
122	122	Shell-Thick	870	SLU_ENV	Combination	Max	0.81	20.3
122	122	Shell-Thick	871	SLU_ENV	Combination	Max	0.86	21.37
122	122	Shell-Thick	856	SLU_ENV	Combination	Max	0.89	20.65
122	122	Shell-Thick	855	SLU_ENV	Combination	Min	-25.53	4.98
122	122	Shell-Thick	870	SLU_ENV	Combination	Min	-21.95	4.97
122	122	Shell-Thick	871	SLU_ENV	Combination	Min	-21.74	5.19
122	122	Shell-Thick	856	SLU_ENV	Combination	Min	-25.31	5.2
122	122	Shell-Thick	855	SLV_Ex	Combination		-104.51	0.51
122	122	Shell-Thick	870	SLV_Ex	Combination		-102.35	0.94
122	122	Shell-Thick	871	SLV_Ex	Combination		-100.59	9.74
122	122	Shell-Thick	856	SLV_Ex	Combination		-102.75	9.31
123	123	Shell-Thick	856	SLU_ENV	Combination	Max	0.64	20.46
123	123	Shell-Thick	871	SLU_ENV	Combination	Max	0.67	21.22
123	123	Shell-Thick	872	SLU_ENV	Combination	Max	0.8	24.46
123	123	Shell-Thick	857	SLU_ENV	Combination	Max	0.77	23.7
123	123	Shell-Thick	856	SLU_ENV	Combination	Min	-26.3	5.15
123	123	Shell-Thick	871	SLU_ENV	Combination	Min	-22.49	5.16
123	123	Shell-Thick	872	SLU_ENV	Combination	Min	-21.85	5.79
123	123	Shell-Thick	857	SLU_ENV	Combination	Min	-25.65	5.79
123	123	Shell-Thick	856	SLV_Ex	Combination		-92.35	11.39
123	123	Shell-Thick	871	SLV_Ex	Combination		-93.46	11.17
123	123	Shell-Thick	872	SLV_Ex	Combination		-91.2	22.46
123	123	Shell-Thick	857	SLV_Ex	Combination		-90.09	22.69
124	124	Shell-Thick	857	SLU_ENV	Combination	Max	0.36	23.37
124	124	Shell-Thick	872	SLU_ENV	Combination	Max	0.31	24.
124	124	Shell-Thick	873	SLU_ENV	Combination	Max	0.51	29.63
124	124	Shell-Thick	858	SLU_ENV	Combination	Max	0.56	29.
124	124	Shell-Thick	857	SLU_ENV	Combination	Min	-27.29	5.71
124	124	Shell-Thick	872	SLU_ENV	Combination	Min	-24.15	5.7
124	124	Shell-Thick	873	SLU_ENV	Combination	Min	-23.02	6.7
124	124	Shell-Thick	858	SLU_ENV	Combination	Min	-26.16	6.71
124	124	Shell-Thick	857	SLV_Ex	Combination		-84.12	23.88
124	124	Shell-Thick	872	SLV_Ex	Combination		-83.01	24.1
124	124	Shell-Thick	873	SLV_Ex	Combination		-80.05	38.89
124	124	Shell-Thick	858	SLV_Ex	Combination		-81.16	38.67
125	125	Shell-Thick	858	SLU_ENV	Combination	Max	-7.513E-02	28.32
125	125	Shell-Thick	873	SLU_ENV	Combination	Max	-5.675E-02	29.
125	125	Shell-Thick	874	SLU_ENV	Combination	Max	0.21	37.57
125	125	Shell-Thick	859	SLU_ENV	Combination	Max	0.19	36.88
125	125	Shell-Thick	858	SLU_ENV	Combination	Min	-29.57	6.59
125	125	Shell-Thick	873	SLU_ENV	Combination	Min	-26.14	6.59
125	125	Shell-Thick	874	SLU_ENV	Combination	Min	-24.42	7.9
125	125	Shell-Thick	859	SLU_ENV	Combination	Min	-27.86	7.9

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
125	125	Shell-Thick	858	SLV_Ex	Combination		-74.73	39.96
125	125	Shell-Thick	873	SLV_Ex	Combination		-75.08	39.89
125	125	Shell-Thick	874	SLV_Ex	Combination		-71.6	57.29
125	125	Shell-Thick	859	SLV_Ex	Combination		-71.25	57.36
126	126	Shell-Thick	3	SLU_ENV	Combination	Max	-7.3	-97.49
126	126	Shell-Thick	2	SLU_ENV	Combination	Max	-9.47	-97.93
126	126	Shell-Thick	30	SLU_ENV	Combination	Max	-9.41	-97.6
126	126	Shell-Thick	31	SLU_ENV	Combination	Max	-7.23	-97.17
126	126	Shell-Thick	3	SLU_ENV	Combination	Min	-33.88	-415.68
126	126	Shell-Thick	2	SLU_ENV	Combination	Min	-38.52	-416.61
126	126	Shell-Thick	30	SLU_ENV	Combination	Min	-34.07	-394.38
126	126	Shell-Thick	31	SLU_ENV	Combination	Min	-29.44	-393.45
126	126	Shell-Thick	3	SLV_Ex	Combination		16.96	-116.08
126	126	Shell-Thick	2	SLV_Ex	Combination		34.7	-112.53
126	126	Shell-Thick	30	SLV_Ex	Combination		33.76	-117.27
126	126	Shell-Thick	31	SLV_Ex	Combination		16.01	-120.81
127	127	Shell-Thick	31	SLU_ENV	Combination	Max	-7.97	-97.32
127	127	Shell-Thick	30	SLU_ENV	Combination	Max	-9.63	-97.65
127	127	Shell-Thick	57	SLU_ENV	Combination	Max	-9.66	-97.79
127	127	Shell-Thick	58	SLU_ENV	Combination	Max	-8.	-97.46
127	127	Shell-Thick	31	SLU_ENV	Combination	Min	-35.03	-394.57
127	127	Shell-Thick	30	SLU_ENV	Combination	Min	-36.74	-394.91
127	127	Shell-Thick	57	SLU_ENV	Combination	Min	-33.09	-376.64
127	127	Shell-Thick	58	SLU_ENV	Combination	Min	-31.37	-376.29
127	127	Shell-Thick	31	SLV_Ex	Combination		16.81	-120.65
127	127	Shell-Thick	30	SLV_Ex	Combination		33.55	-117.31
127	127	Shell-Thick	57	SLV_Ex	Combination		33.47	-117.67
127	127	Shell-Thick	58	SLV_Ex	Combination		16.74	-121.02
128	128	Shell-Thick	58	SLU_ENV	Combination	Max	-8.31	-97.52
128	128	Shell-Thick	57	SLU_ENV	Combination	Max	-9.83	-97.83
128	128	Shell-Thick	84	SLU_ENV	Combination	Max	-9.83	-97.82
128	128	Shell-Thick	85	SLU_ENV	Combination	Max	-8.31	-97.51
128	128	Shell-Thick	58	SLU_ENV	Combination	Min	-34.66	-376.95
128	128	Shell-Thick	57	SLU_ENV	Combination	Min	-34.55	-376.93
128	128	Shell-Thick	84	SLU_ENV	Combination	Min	-31.12	-359.76
128	128	Shell-Thick	85	SLU_ENV	Combination	Min	-31.23	-359.78
128	128	Shell-Thick	58	SLV_Ex	Combination		16.28	-121.11
128	128	Shell-Thick	57	SLV_Ex	Combination		33.43	-117.68
128	128	Shell-Thick	84	SLV_Ex	Combination		33.22	-118.73
128	128	Shell-Thick	85	SLV_Ex	Combination		16.07	-122.16
129	129	Shell-Thick	85	SLU_ENV	Combination	Max	-8.33	-97.52
129	129	Shell-Thick	84	SLU_ENV	Combination	Max	-9.84	-97.82
129	129	Shell-Thick	111	SLU_ENV	Combination	Max	-9.86	-97.89
129	129	Shell-Thick	112	SLU_ENV	Combination	Max	-8.34	-97.59
129	129	Shell-Thick	85	SLU_ENV	Combination	Min	-33.13	-360.16
129	129	Shell-Thick	84	SLU_ENV	Combination	Min	-31.93	-359.92
129	129	Shell-Thick	111	SLU_ENV	Combination	Min	-28.87	-344.63
129	129	Shell-Thick	112	SLU_ENV	Combination	Min	-30.07	-344.87
129	129	Shell-Thick	85	SLV_Ex	Combination		15.9	-122.19
129	129	Shell-Thick	84	SLV_Ex	Combination		33.04	-118.76
129	129	Shell-Thick	111	SLV_Ex	Combination		33.15	-118.22
129	129	Shell-Thick	112	SLV_Ex	Combination		16.01	-121.65
130	130	Shell-Thick	112	SLU_ENV	Combination	Max	-8.12	-97.55
130	130	Shell-Thick	111	SLU_ENV	Combination	Max	-9.7	-97.86

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
130	130	Shell-Thick	164	SLU_ENV	Combination	Max	-8.62	-97.72
130	130	Shell-Thick	165	SLU_ENV	Combination	Max	-8.09	-97.4
130	130	Shell-Thick	112	SLU_ENV	Combination	Min	-31.27	-345.11
130	130	Shell-Thick	111	SLU_ENV	Combination	Min	-30.04	-344.86
130	130	Shell-Thick	164	SLU_ENV	Combination	Min	-27.94	-329.12
130	130	Shell-Thick	165	SLU_ENV	Combination	Min	-28.12	-329.36
130	130	Shell-Thick	112	SLV_Ex	Combination		16.31	-121.59
130	130	Shell-Thick	111	SLV_Ex	Combination		32.77	-118.29
130	130	Shell-Thick	164	SLV_Ex	Combination		32.7	-118.65
130	130	Shell-Thick	165	SLV_Ex	Combination		16.24	-121.95
131	131	Shell-Thick	165	SLU_ENV	Combination	Max	-7.53	-97.29
131	131	Shell-Thick	164	SLU_ENV	Combination	Max	-9.47	-97.68
131	131	Shell-Thick	191	SLU_ENV	Combination	Max	-7.98	-97.92
131	131	Shell-Thick	192	SLU_ENV	Combination	Max	-7.58	-97.54
131	131	Shell-Thick	165	SLU_ENV	Combination	Min	-28.49	-329.44
131	131	Shell-Thick	164	SLU_ENV	Combination	Min	-28.8	-329.5
131	131	Shell-Thick	191	SLU_ENV	Combination	Min	-27.73	-316.44
131	131	Shell-Thick	192	SLU_ENV	Combination	Min	-25.88	-316.38
131	131	Shell-Thick	165	SLV_Ex	Combination		15.64	-122.07
131	131	Shell-Thick	164	SLV_Ex	Combination		33.39	-118.52
131	131	Shell-Thick	191	SLV_Ex	Combination		34.12	-114.86
131	131	Shell-Thick	192	SLV_Ex	Combination		16.37	-118.41
132	132	Shell-Thick	192	SLU_ENV	Combination	Max	-6.43	-97.31
132	132	Shell-Thick	191	SLU_ENV	Combination	Max	-9.2	-97.86
132	132	Shell-Thick	218	SLU_ENV	Combination	Max	-7.93	-97.71
132	132	Shell-Thick	219	SLU_ENV	Combination	Max	-6.4	-97.15
132	132	Shell-Thick	192	SLU_ENV	Combination	Min	-24.44	-316.09
132	132	Shell-Thick	191	SLU_ENV	Combination	Min	-27.94	-316.79
132	132	Shell-Thick	218	SLU_ENV	Combination	Min	-26.72	-304.52
132	132	Shell-Thick	219	SLU_ENV	Combination	Min	-21.99	-303.82
132	132	Shell-Thick	192	SLV_Ex	Combination		14.34	-118.82
132	132	Shell-Thick	191	SLV_Ex	Combination		30.92	-115.5
132	132	Shell-Thick	218	SLV_Ex	Combination		31.86	-110.81
132	132	Shell-Thick	219	SLV_Ex	Combination		15.28	-114.13
133	133	Shell-Thick	219	SLU_ENV	Combination	Max	-4.25	-96.72
133	133	Shell-Thick	218	SLU_ENV	Combination	Max	-9.46	-97.76
133	133	Shell-Thick	245	SLU_ENV	Combination	Max	-8.15	-99.41
133	133	Shell-Thick	246	SLU_ENV	Combination	Max	-3.55	-98.37
133	133	Shell-Thick	219	SLU_ENV	Combination	Min	-15.88	-302.6
133	133	Shell-Thick	218	SLU_ENV	Combination	Min	-28.54	-305.13
133	133	Shell-Thick	245	SLU_ENV	Combination	Min	-29.88	-303.62
133	133	Shell-Thick	246	SLU_ENV	Combination	Min	-16.61	-301.09
133	133	Shell-Thick	219	SLV_Ex	Combination		1.35	-116.92
133	133	Shell-Thick	218	SLV_Ex	Combination		26.99	-111.79
133	133	Shell-Thick	245	SLV_Ex	Combination		31.	-91.74
133	133	Shell-Thick	246	SLV_Ex	Combination		5.36	-96.87
134	134	Shell-Thick	866	SLU_ENV	Combination	Max	0.23	37.2
134	134	Shell-Thick	881	SLU_ENV	Combination	Max	3.714E-02	37.67
134	134	Shell-Thick	882	SLU_ENV	Combination	Max	-0.26	28.04
134	134	Shell-Thick	867	SLU_ENV	Combination	Max	-6.797E-02	27.57
134	134	Shell-Thick	866	SLU_ENV	Combination	Min	-24.5	8.04
134	134	Shell-Thick	881	SLU_ENV	Combination	Min	-22.19	8.
134	134	Shell-Thick	882	SLU_ENV	Combination	Min	-24.11	6.5
134	134	Shell-Thick	867	SLU_ENV	Combination	Min	-26.42	6.53

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
134	134	Shell-Thick	866	SLV_Ex	Combination		-149.95	-30.84
134	134	Shell-Thick	881	SLV_Ex	Combination		-151.76	-31.21
134	134	Shell-Thick	882	SLV_Ex	Combination		-150.23	-23.55
134	134	Shell-Thick	867	SLV_Ex	Combination		-148.41	-23.18
135	135	Shell-Thick	867	SLU_ENV	Combination	Max	0.5	28.2
135	135	Shell-Thick	882	SLU_ENV	Combination	Max	0.5	28.82
135	135	Shell-Thick	883	SLU_ENV	Combination	Max	0.29	22.87
135	135	Shell-Thick	868	SLU_ENV	Combination	Max	0.29	22.25
135	135	Shell-Thick	867	SLU_ENV	Combination	Min	-23.31	6.65
135	135	Shell-Thick	882	SLU_ENV	Combination	Min	-20.21	6.65
135	135	Shell-Thick	883	SLU_ENV	Combination	Min	-21.4	5.58
135	135	Shell-Thick	868	SLU_ENV	Combination	Min	-24.5	5.58
135	135	Shell-Thick	867	SLV_Ex	Combination		-139.2	-21.34
135	135	Shell-Thick	882	SLV_Ex	Combination		-138.57	-21.21
135	135	Shell-Thick	883	SLV_Ex	Combination		-137.75	-17.12
135	135	Shell-Thick	868	SLV_Ex	Combination		-138.39	-17.25
136	136	Shell-Thick	868	SLU_ENV	Combination	Max	0.78	22.71
136	136	Shell-Thick	883	SLU_ENV	Combination	Max	0.57	23.13
136	136	Shell-Thick	884	SLU_ENV	Combination	Max	0.44	19.67
136	136	Shell-Thick	869	SLU_ENV	Combination	Max	0.65	19.26
136	136	Shell-Thick	868	SLU_ENV	Combination	Min	-22.2	5.68
136	136	Shell-Thick	883	SLU_ENV	Combination	Min	-20.11	5.64
136	136	Shell-Thick	884	SLU_ENV	Combination	Min	-20.8	4.98
136	136	Shell-Thick	869	SLU_ENV	Combination	Min	-22.89	5.02
136	136	Shell-Thick	868	SLV_Ex	Combination		-125.84	-14.74
136	136	Shell-Thick	883	SLV_Ex	Combination		-129.81	-15.53
136	136	Shell-Thick	884	SLV_Ex	Combination		-128.69	-9.91
136	136	Shell-Thick	869	SLV_Ex	Combination		-124.71	-9.12
137	137	Shell-Thick	869	SLU_ENV	Combination	Max	0.83	19.41
137	137	Shell-Thick	884	SLU_ENV	Combination	Max	0.73	19.91
137	137	Shell-Thick	885	SLU_ENV	Combination	Max	0.69	18.92
137	137	Shell-Thick	870	SLU_ENV	Combination	Max	0.79	18.43
137	137	Shell-Thick	869	SLU_ENV	Combination	Min	-22.13	5.06
137	137	Shell-Thick	884	SLU_ENV	Combination	Min	-19.64	5.04
137	137	Shell-Thick	885	SLU_ENV	Combination	Min	-19.84	4.85
137	137	Shell-Thick	870	SLU_ENV	Combination	Min	-22.33	4.87
137	137	Shell-Thick	869	SLV_Ex	Combination		-115.84	-7.34
137	137	Shell-Thick	884	SLV_Ex	Combination		-114.6	-7.1
137	137	Shell-Thick	885	SLV_Ex	Combination		-113.47	-1.44
137	137	Shell-Thick	870	SLV_Ex	Combination		-114.71	-1.69
138	138	Shell-Thick	870	SLU_ENV	Combination	Max	0.79	18.43
138	138	Shell-Thick	885	SLU_ENV	Combination	Max	0.69	18.92
138	138	Shell-Thick	886	SLU_ENV	Combination	Max	0.73	19.91
138	138	Shell-Thick	871	SLU_ENV	Combination	Max	0.83	19.41
138	138	Shell-Thick	870	SLU_ENV	Combination	Min	-22.33	4.87
138	138	Shell-Thick	885	SLU_ENV	Combination	Min	-19.84	4.85
138	138	Shell-Thick	886	SLU_ENV	Combination	Min	-19.64	5.04
138	138	Shell-Thick	871	SLU_ENV	Combination	Min	-22.13	5.06
138	138	Shell-Thick	870	SLV_Ex	Combination		-102.38	0.78
138	138	Shell-Thick	885	SLV_Ex	Combination		-104.75	0.31
138	138	Shell-Thick	886	SLV_Ex	Combination		-103.24	7.88
138	138	Shell-Thick	871	SLV_Ex	Combination		-100.87	8.35
139	139	Shell-Thick	871	SLU_ENV	Combination	Max	0.65	19.26
139	139	Shell-Thick	886	SLU_ENV	Combination	Max	0.44	19.67

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
139	139	Shell-Thick	887	SLU_ENV	Combination	Max	0.57	23.12
139	139	Shell-Thick	872	SLU_ENV	Combination	Max	0.78	22.71
139	139	Shell-Thick	871	SLU_ENV	Combination	Min	-22.89	5.02
139	139	Shell-Thick	886	SLU_ENV	Combination	Min	-20.8	4.98
139	139	Shell-Thick	887	SLU_ENV	Combination	Min	-20.11	5.64
139	139	Shell-Thick	872	SLU_ENV	Combination	Min	-22.2	5.68
139	139	Shell-Thick	871	SLV_Ex	Combination		-93.74	9.78
139	139	Shell-Thick	886	SLV_Ex	Combination		-91.33	10.26
139	139	Shell-Thick	887	SLV_Ex	Combination		-88.91	22.39
139	139	Shell-Thick	872	SLV_Ex	Combination		-91.31	21.91
140	140	Shell-Thick	872	SLU_ENV	Combination	Max	0.29	22.25
140	140	Shell-Thick	887	SLU_ENV	Combination	Max	0.29	22.87
140	140	Shell-Thick	888	SLU_ENV	Combination	Max	0.5	28.82
140	140	Shell-Thick	873	SLU_ENV	Combination	Max	0.5	28.2
140	140	Shell-Thick	872	SLU_ENV	Combination	Min	-24.5	5.58
140	140	Shell-Thick	887	SLU_ENV	Combination	Min	-21.4	5.58
140	140	Shell-Thick	888	SLU_ENV	Combination	Min	-20.21	6.65
140	140	Shell-Thick	873	SLU_ENV	Combination	Min	-23.31	6.65
140	140	Shell-Thick	872	SLV_Ex	Combination		-83.12	23.55
140	140	Shell-Thick	887	SLV_Ex	Combination		-83.18	23.54
140	140	Shell-Thick	888	SLV_Ex	Combination		-80.4	37.4
140	140	Shell-Thick	873	SLV_Ex	Combination		-80.35	37.41
141	141	Shell-Thick	873	SLU_ENV	Combination	Max	-6.784E-02	27.57
141	141	Shell-Thick	888	SLU_ENV	Combination	Max	-0.26	28.03
141	141	Shell-Thick	889	SLU_ENV	Combination	Max	3.719E-02	37.66
141	141	Shell-Thick	874	SLU_ENV	Combination	Max	0.23	37.2
141	141	Shell-Thick	873	SLU_ENV	Combination	Min	-26.42	6.53
141	141	Shell-Thick	888	SLU_ENV	Combination	Min	-24.11	6.5
141	141	Shell-Thick	889	SLU_ENV	Combination	Min	-22.19	8.
141	141	Shell-Thick	874	SLU_ENV	Combination	Min	-24.5	8.04
141	141	Shell-Thick	873	SLV_Ex	Combination		-75.38	38.4
141	141	Shell-Thick	888	SLV_Ex	Combination		-74.43	38.59
141	141	Shell-Thick	889	SLV_Ex	Combination		-70.63	57.56
141	141	Shell-Thick	874	SLV_Ex	Combination		-71.59	57.37
142	142	Shell-Thick	246	SLU_ENV	Combination	Max	-0.3	-97.51
142	142	Shell-Thick	245	SLU_ENV	Combination	Max	-5.76	-99.11
142	142	Shell-Thick	272	SLU_ENV	Combination	Max	-3.89	-91.28
142	142	Shell-Thick	273	SLU_ENV	Combination	Max	0.74	-90.35
142	142	Shell-Thick	246	SLU_ENV	Combination	Min	-4.02	-298.78
142	142	Shell-Thick	245	SLU_ENV	Combination	Min	-23.29	-302.12
142	142	Shell-Thick	272	SLU_ENV	Combination	Min	-25.11	-309.67
142	142	Shell-Thick	273	SLU_ENV	Combination	Min	-5.01	-305.65
142	142	Shell-Thick	246	SLV_Ex	Combination		3.755E-02	-97.93
142	142	Shell-Thick	245	SLV_Ex	Combination		-4.86	-98.91
142	142	Shell-Thick	272	SLV_Ex	Combination		-9.76	-123.41
142	142	Shell-Thick	273	SLV_Ex	Combination		-4.86	-122.43
143	143	Shell-Thick	273	SLU_ENV	Combination	Max	-0.33	-90.88
143	143	Shell-Thick	272	SLU_ENV	Combination	Max	1.38	-90.64
143	143	Shell-Thick	299	SLU_ENV	Combination	Max	7.83	-70.14
143	143	Shell-Thick	300	SLU_ENV	Combination	Max	2.23	-70.37
143	143	Shell-Thick	273	SLU_ENV	Combination	Min	-6.31	-305.6
143	143	Shell-Thick	272	SLU_ENV	Combination	Min	-1.4	-304.5
143	143	Shell-Thick	299	SLU_ENV	Combination	Min	-0.48	-288.19
143	143	Shell-Thick	300	SLU_ENV	Combination	Min	-1.5	-289.29

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
143	143	Shell-Thick	273	SLV_Ex	Combination		7.45	-119.97
143	143	Shell-Thick	272	SLV_Ex	Combination		-10.27	-123.51
143	143	Shell-Thick	299	SLV_Ex	Combination		-28.32	-213.75
143	143	Shell-Thick	300	SLV_Ex	Combination		-10.6	-210.2
144	144	Shell-Thick	597	SLU_ENV	Combination	Max	9.63	-88.23
144	144	Shell-Thick	991	SLU_ENV	Combination	Max	-17.54	-92.
144	144	Shell-Thick	990	SLU_ENV	Combination	Max	-16.06	-84.6
144	144	Shell-Thick	596	SLU_ENV	Combination	Max	11.7	-80.83
144	144	Shell-Thick	597	SLU_ENV	Combination	Min	1.33	-450.71
144	144	Shell-Thick	991	SLU_ENV	Combination	Min	-96.96	-472.03
144	144	Shell-Thick	990	SLU_ENV	Combination	Min	-94.89	-461.66
144	144	Shell-Thick	596	SLU_ENV	Combination	Min	2.81	-440.34
144	144	Shell-Thick	597	SLV_Ex	Combination		-44.25	-286.35
144	144	Shell-Thick	991	SLV_Ex	Combination		48.62	-267.78
144	144	Shell-Thick	990	SLV_Ex	Combination		93.02	-45.78
144	144	Shell-Thick	596	SLV_Ex	Combination		0.15	-64.36
145	145	Shell-Thick	596	SLU_ENV	Combination	Max	-4.4	-82.27
145	145	Shell-Thick	990	SLU_ENV	Combination	Max	-13.67	-84.12
145	145	Shell-Thick	796	SLU_ENV	Combination	Max	-12.66	-79.06
145	145	Shell-Thick	595	SLU_ENV	Combination	Max	-3.38	-77.21
145	145	Shell-Thick	596	SLU_ENV	Combination	Min	-28.21	-448.32
145	145	Shell-Thick	990	SLU_ENV	Combination	Min	-83.84	-459.45
145	145	Shell-Thick	796	SLU_ENV	Combination	Min	-75.56	-418.05
145	145	Shell-Thick	595	SLU_ENV	Combination	Min	-19.93	-406.93
145	145	Shell-Thick	596	SLV_Ex	Combination		-0.81	-64.55
145	145	Shell-Thick	990	SLV_Ex	Combination		101.04	-44.18
145	145	Shell-Thick	796	SLV_Ex	Combination		95.18	-73.47
145	145	Shell-Thick	595	SLV_Ex	Combination		-6.67	-93.84
146	146	Shell-Thick	595	SLU_ENV	Combination	Max	-5.29	-77.59
146	146	Shell-Thick	796	SLU_ENV	Combination	Max	-8.65	-78.26
146	146	Shell-Thick	795	SLU_ENV	Combination	Max	-8.88	-79.39
146	146	Shell-Thick	115	SLU_ENV	Combination	Max	-5.51	-78.72
146	146	Shell-Thick	595	SLU_ENV	Combination	Min	-34.41	-409.82
146	146	Shell-Thick	796	SLU_ENV	Combination	Min	-52.26	-413.39
146	146	Shell-Thick	795	SLU_ENV	Combination	Min	-51.63	-410.21
146	146	Shell-Thick	115	SLU_ENV	Combination	Min	-33.78	-406.64
146	146	Shell-Thick	595	SLV_Ex	Combination		28.61	-86.78
146	146	Shell-Thick	796	SLV_Ex	Combination		67.04	-79.1
146	146	Shell-Thick	795	SLV_Ex	Combination		65.78	-85.39
146	146	Shell-Thick	115	SLV_Ex	Combination		27.35	-93.08
147	147	Shell-Thick	115	SLU_ENV	Combination	Max	-5.42	-78.7
147	147	Shell-Thick	795	SLU_ENV	Combination	Max	-7.81	-79.18
147	147	Shell-Thick	814	SLU_ENV	Combination	Max	-7.85	-79.37
147	147	Shell-Thick	2	SLU_ENV	Combination	Max	-5.46	-78.9
147	147	Shell-Thick	115	SLU_ENV	Combination	Min	-33.26	-406.53
147	147	Shell-Thick	795	SLU_ENV	Combination	Min	-45.41	-408.96
147	147	Shell-Thick	814	SLU_ENV	Combination	Min	-41.73	-390.55
147	147	Shell-Thick	2	SLU_ENV	Combination	Min	-29.57	-388.12
147	147	Shell-Thick	115	SLV_Ex	Combination		34.84	-91.58
147	147	Shell-Thick	795	SLV_Ex	Combination		58.53	-86.84
147	147	Shell-Thick	814	SLV_Ex	Combination		56.84	-95.28
147	147	Shell-Thick	2	SLV_Ex	Combination		33.15	-100.01
148	148	Shell-Thick	2	SLU_ENV	Combination	Max	-5.67	-78.94
148	148	Shell-Thick	814	SLU_ENV	Combination	Max	-7.65	-79.33

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
148	148	Shell-Thick	829	SLU_ENV	Combination	Max	-7.76	-79.88
148	148	Shell-Thick	30	SLU_ENV	Combination	Max	-5.78	-79.48
148	148	Shell-Thick	2	SLU_ENV	Combination	Min	-32.96	-388.8
148	148	Shell-Thick	814	SLU_ENV	Combination	Min	-37.36	-389.68
148	148	Shell-Thick	829	SLU_ENV	Combination	Min	-33.3	-369.37
148	148	Shell-Thick	30	SLU_ENV	Combination	Min	-28.89	-368.48
148	148	Shell-Thick	2	SLV_Ex	Combination		37.38	-99.17
148	148	Shell-Thick	814	SLV_Ex	Combination		53.6	-95.92
148	148	Shell-Thick	829	SLV_Ex	Combination		53.04	-98.73
148	148	Shell-Thick	30	SLV_Ex	Combination		36.82	-101.98
149	149	Shell-Thick	30	SLU_ENV	Combination	Max	-6.01	-79.53
149	149	Shell-Thick	829	SLU_ENV	Combination	Max	-7.97	-79.92
149	149	Shell-Thick	844	SLU_ENV	Combination	Max	-7.99	-80.05
149	149	Shell-Thick	57	SLU_ENV	Combination	Max	-6.03	-79.66
149	149	Shell-Thick	30	SLU_ENV	Combination	Min	-31.56	-369.02
149	149	Shell-Thick	829	SLU_ENV	Combination	Min	-31.25	-368.96
149	149	Shell-Thick	844	SLU_ENV	Combination	Min	-27.46	-350.03
149	149	Shell-Thick	57	SLU_ENV	Combination	Min	-27.78	-350.1
149	149	Shell-Thick	30	SLV_Ex	Combination		36.6	-102.02
149	149	Shell-Thick	829	SLV_Ex	Combination		53.3	-98.68
149	149	Shell-Thick	844	SLV_Ex	Combination		52.96	-100.42
149	149	Shell-Thick	57	SLV_Ex	Combination		36.26	-103.76
150	150	Shell-Thick	881	SLU_ENV	Combination	Max	8.979E-02	37.22
150	150	Shell-Thick	896	SLU_ENV	Combination	Max	-0.13	37.65
150	150	Shell-Thick	897	SLU_ENV	Combination	Max	-0.52	26.07
150	150	Shell-Thick	882	SLU_ENV	Combination	Max	-0.3	25.64
150	150	Shell-Thick	881	SLU_ENV	Combination	Min	-22.27	8.26
150	150	Shell-Thick	896	SLU_ENV	Combination	Min	-20.16	8.22
150	150	Shell-Thick	897	SLU_ENV	Combination	Min	-22.47	6.27
150	150	Shell-Thick	882	SLU_ENV	Combination	Min	-24.59	6.31
150	150	Shell-Thick	881	SLV_Ex	Combination		-150.57	-25.23
150	150	Shell-Thick	896	SLV_Ex	Combination		-151.1	-25.33
150	150	Shell-Thick	897	SLV_Ex	Combination		-150.64	-23.08
150	150	Shell-Thick	882	SLV_Ex	Combination		-150.12	-22.98
151	151	Shell-Thick	882	SLU_ENV	Combination	Max	0.46	26.43
151	151	Shell-Thick	897	SLU_ENV	Combination	Max	-7.366E-02	26.5
151	151	Shell-Thick	898	SLU_ENV	Combination	Max	-0.3	20.59
151	151	Shell-Thick	883	SLU_ENV	Combination	Max	0.24	20.51
151	151	Shell-Thick	882	SLU_ENV	Combination	Min	-20.68	6.47
151	151	Shell-Thick	897	SLU_ENV	Combination	Min	-20.3	6.36
151	151	Shell-Thick	898	SLU_ENV	Combination	Min	-21.48	5.23
151	151	Shell-Thick	883	SLU_ENV	Combination	Min	-21.87	5.34
151	151	Shell-Thick	882	SLV_Ex	Combination		-138.45	-20.64
151	151	Shell-Thick	897	SLV_Ex	Combination		-145.4	-22.03
151	151	Shell-Thick	898	SLV_Ex	Combination		-143.96	-14.85
151	151	Shell-Thick	883	SLV_Ex	Combination		-137.02	-13.46
152	152	Shell-Thick	883	SLU_ENV	Combination	Max	0.52	20.77
152	152	Shell-Thick	898	SLU_ENV	Combination	Max	0.45	21.13
152	152	Shell-Thick	899	SLU_ENV	Combination	Max	0.32	18.04
152	152	Shell-Thick	884	SLU_ENV	Combination	Max	0.4	17.67
152	152	Shell-Thick	883	SLU_ENV	Combination	Min	-20.58	5.39
152	152	Shell-Thick	898	SLU_ENV	Combination	Min	-18.75	5.38
152	152	Shell-Thick	899	SLU_ENV	Combination	Min	-19.37	4.75
152	152	Shell-Thick	884	SLU_ENV	Combination	Min	-21.2	4.76

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
152	152	Shell-Thick	883	SLV_Ex	Combination		-129.08	-11.87
152	152	Shell-Thick	898	SLV_Ex	Combination		-130.65	-12.19
152	152	Shell-Thick	899	SLV_Ex	Combination		-130.	-8.94
152	152	Shell-Thick	884	SLV_Ex	Combination		-128.43	-8.62
153	153	Shell-Thick	884	SLU_ENV	Combination	Max	0.69	17.9
153	153	Shell-Thick	899	SLU_ENV	Combination	Max	0.33	18.
153	153	Shell-Thick	900	SLU_ENV	Combination	Max	0.27	16.76
153	153	Shell-Thick	885	SLU_ENV	Combination	Max	0.64	16.67
153	153	Shell-Thick	884	SLU_ENV	Combination	Min	-20.04	4.82
153	153	Shell-Thick	899	SLU_ENV	Combination	Min	-19.57	4.75
153	153	Shell-Thick	900	SLU_ENV	Combination	Min	-19.82	4.48
153	153	Shell-Thick	885	SLU_ENV	Combination	Min	-20.29	4.56
153	153	Shell-Thick	884	SLV_Ex	Combination		-114.34	-5.81
153	153	Shell-Thick	899	SLV_Ex	Combination		-121.65	-7.27
153	153	Shell-Thick	900	SLV_Ex	Combination		-120.9	-3.55
153	153	Shell-Thick	885	SLV_Ex	Combination		-113.6	-2.09
154	154	Shell-Thick	885	SLU_ENV	Combination	Max	0.64	16.67
154	154	Shell-Thick	900	SLU_ENV	Combination	Max	0.27	16.76
154	154	Shell-Thick	901	SLU_ENV	Combination	Max	0.33	18.
154	154	Shell-Thick	886	SLU_ENV	Combination	Max	0.69	17.9
154	154	Shell-Thick	885	SLU_ENV	Combination	Min	-20.29	4.56
154	154	Shell-Thick	900	SLU_ENV	Combination	Min	-19.82	4.48
154	154	Shell-Thick	901	SLU_ENV	Combination	Min	-19.57	4.75
154	154	Shell-Thick	886	SLU_ENV	Combination	Min	-20.04	4.82
154	154	Shell-Thick	885	SLV_Ex	Combination		-104.88	-0.35
154	154	Shell-Thick	900	SLV_Ex	Combination		-103.12	5.069E-03
154	154	Shell-Thick	901	SLV_Ex	Combination		-101.88	6.2
154	154	Shell-Thick	886	SLV_Ex	Combination		-103.65	5.85
155	155	Shell-Thick	886	SLU_ENV	Combination	Max	0.4	17.67
155	155	Shell-Thick	901	SLU_ENV	Combination	Max	0.32	18.04
155	155	Shell-Thick	902	SLU_ENV	Combination	Max	0.45	21.13
155	155	Shell-Thick	887	SLU_ENV	Combination	Max	0.52	20.77
155	155	Shell-Thick	886	SLU_ENV	Combination	Min	-21.2	4.76
155	155	Shell-Thick	901	SLU_ENV	Combination	Min	-19.37	4.75
155	155	Shell-Thick	902	SLU_ENV	Combination	Min	-18.75	5.38
155	155	Shell-Thick	887	SLU_ENV	Combination	Min	-20.58	5.39
155	155	Shell-Thick	886	SLV_Ex	Combination		-91.74	8.23
155	155	Shell-Thick	901	SLV_Ex	Combination		-92.27	8.12
155	155	Shell-Thick	902	SLV_Ex	Combination		-90.47	17.15
155	155	Shell-Thick	887	SLV_Ex	Combination		-89.93	17.26
156	156	Shell-Thick	887	SLU_ENV	Combination	Max	0.24	20.51
156	156	Shell-Thick	902	SLU_ENV	Combination	Max	-0.3	20.59
156	156	Shell-Thick	903	SLU_ENV	Combination	Max	-7.371E-02	26.5
156	156	Shell-Thick	888	SLU_ENV	Combination	Max	0.46	26.42
156	156	Shell-Thick	887	SLU_ENV	Combination	Min	-21.87	5.34
156	156	Shell-Thick	902	SLU_ENV	Combination	Min	-21.48	5.23
156	156	Shell-Thick	903	SLU_ENV	Combination	Min	-20.3	6.36
156	156	Shell-Thick	888	SLU_ENV	Combination	Min	-20.68	6.47
156	156	Shell-Thick	887	SLV_Ex	Combination		-84.2	18.4
156	156	Shell-Thick	902	SLV_Ex	Combination		-80.7	19.11
156	156	Shell-Thick	903	SLV_Ex	Combination		-77.12	37.
156	156	Shell-Thick	888	SLV_Ex	Combination		-80.62	36.3
157	157	Shell-Thick	888	SLU_ENV	Combination	Max	-0.3	25.64
157	157	Shell-Thick	903	SLU_ENV	Combination	Max	-0.52	26.07

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
157	157	Shell-Thick	904	SLU_ENV	Combination	Max	-0.13	37.64
157	157	Shell-Thick	889	SLU_ENV	Combination	Max	8.981E-02	37.22
157	157	Shell-Thick	888	SLU_ENV	Combination	Min	-24.59	6.31
157	157	Shell-Thick	903	SLU_ENV	Combination	Min	-22.47	6.27
157	157	Shell-Thick	904	SLU_ENV	Combination	Min	-20.16	8.22
157	157	Shell-Thick	889	SLU_ENV	Combination	Min	-22.27	8.26
157	157	Shell-Thick	888	SLV_Ex	Combination		-74.65	37.49
157	157	Shell-Thick	903	SLV_Ex	Combination		-73.85	37.65
157	157	Shell-Thick	904	SLV_Ex	Combination		-70.05	56.64
157	157	Shell-Thick	889	SLV_Ex	Combination		-70.85	56.48
158	158	Shell-Thick	57	SLU_ENV	Combination	Max	-6.21	-79.7
158	158	Shell-Thick	844	SLU_ENV	Combination	Max	-8.02	-80.08
158	158	Shell-Thick	859	SLU_ENV	Combination	Max	-4.77	-80.24
158	158	Shell-Thick	84	SLU_ENV	Combination	Max	-6.24	-79.85
158	158	Shell-Thick	57	SLU_ENV	Combination	Min	-29.24	-350.39
158	158	Shell-Thick	844	SLU_ENV	Combination	Min	-27.21	-349.96
158	158	Shell-Thick	859	SLU_ENV	Combination	Min	-27.34	-334.24
158	158	Shell-Thick	84	SLU_ENV	Combination	Min	-26.1	-334.67
158	158	Shell-Thick	57	SLV_Ex	Combination		36.21	-103.77
158	158	Shell-Thick	844	SLV_Ex	Combination		52.11	-100.59
158	158	Shell-Thick	859	SLV_Ex	Combination		52.05	-100.9
158	158	Shell-Thick	84	SLV_Ex	Combination		36.15	-104.08
159	159	Shell-Thick	84	SLU_ENV	Combination	Max	-6.25	-79.85
159	159	Shell-Thick	859	SLU_ENV	Combination	Max	-5.57	-80.24
159	159	Shell-Thick	874	SLU_ENV	Combination	Max	-2.43	-80.15
159	159	Shell-Thick	111	SLU_ENV	Combination	Max	-6.23	-79.76
159	159	Shell-Thick	84	SLU_ENV	Combination	Min	-26.91	-334.84
159	159	Shell-Thick	859	SLU_ENV	Combination	Min	-27.03	-334.33
159	159	Shell-Thick	874	SLU_ENV	Combination	Min	-26.96	-318.41
159	159	Shell-Thick	111	SLU_ENV	Combination	Min	-23.73	-318.91
159	159	Shell-Thick	84	SLV_Ex	Combination		35.97	-104.11
159	159	Shell-Thick	859	SLV_Ex	Combination		51.41	-101.03
159	159	Shell-Thick	874	SLV_Ex	Combination		51.36	-101.29
159	159	Shell-Thick	111	SLV_Ex	Combination		35.92	-104.37
160	160	Shell-Thick	111	SLU_ENV	Combination	Max	-6.08	-79.73
160	160	Shell-Thick	874	SLU_ENV	Combination	Max	-3.35	-80.12
160	160	Shell-Thick	889	SLU_ENV	Combination	Max	-0.33	-80.05
160	160	Shell-Thick	164	SLU_ENV	Combination	Max	-4.88	-79.66
160	160	Shell-Thick	111	SLU_ENV	Combination	Min	-24.9	-319.14
160	160	Shell-Thick	874	SLU_ENV	Combination	Min	-26.27	-318.48
160	160	Shell-Thick	889	SLU_ENV	Combination	Min	-26.22	-303.18
160	160	Shell-Thick	164	SLU_ENV	Combination	Min	-23.02	-303.84
160	160	Shell-Thick	111	SLV_Ex	Combination		35.54	-104.45
160	160	Shell-Thick	874	SLV_Ex	Combination		51.43	-101.27
160	160	Shell-Thick	889	SLV_Ex	Combination		51.64	-100.2
160	160	Shell-Thick	164	SLV_Ex	Combination		35.75	-103.38
161	161	Shell-Thick	164	SLU_ENV	Combination	Max	-5.86	-79.61
161	161	Shell-Thick	889	SLU_ENV	Combination	Max	-1.71	-79.99
161	161	Shell-Thick	904	SLU_ENV	Combination	Max	1.23	-79.49
161	161	Shell-Thick	191	SLU_ENV	Combination	Max	-3.99	-79.11
161	161	Shell-Thick	164	SLU_ENV	Combination	Min	-23.74	-304.22
161	161	Shell-Thick	889	SLU_ENV	Combination	Min	-25.02	-303.26
161	161	Shell-Thick	904	SLU_ENV	Combination	Min	-24.63	-287.1
161	161	Shell-Thick	191	SLU_ENV	Combination	Min	-22.28	-288.05

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
161	161	Shell-Thick	164	SLV_Ex	Combination		36.44	-103.25
161	161	Shell-Thick	889	SLV_Ex	Combination		50.56	-100.42
161	161	Shell-Thick	904	SLV_Ex	Combination		50.93	-98.6
161	161	Shell-Thick	191	SLV_Ex	Combination		36.81	-101.42
162	162	Shell-Thick	191	SLU_ENV	Combination	Max	-5.44	-79.04
162	162	Shell-Thick	904	SLU_ENV	Combination	Max	-1.57	-79.5
162	162	Shell-Thick	919	SLU_ENV	Combination	Max	0.67	-79.45
162	162	Shell-Thick	218	SLU_ENV	Combination	Max	-3.97	-79.
162	162	Shell-Thick	191	SLU_ENV	Combination	Min	-22.26	-288.4
162	162	Shell-Thick	904	SLU_ENV	Combination	Min	-24.55	-287.64
162	162	Shell-Thick	919	SLU_ENV	Combination	Min	-24.55	-276.49
162	162	Shell-Thick	218	SLU_ENV	Combination	Min	-21.49	-277.26
162	162	Shell-Thick	191	SLV_Ex	Combination		33.61	-102.06
162	162	Shell-Thick	904	SLV_Ex	Combination		54.71	-97.84
162	162	Shell-Thick	919	SLV_Ex	Combination		56.03	-91.23
162	162	Shell-Thick	218	SLV_Ex	Combination		34.93	-95.45
163	163	Shell-Thick	218	SLU_ENV	Combination	Max	-5.55	-79.06
163	163	Shell-Thick	919	SLU_ENV	Combination	Max	-4.77	-79.57
163	163	Shell-Thick	934	SLU_ENV	Combination	Max	-3.26	-77.92
163	163	Shell-Thick	245	SLU_ENV	Combination	Max	-4.04	-77.41
163	163	Shell-Thick	218	SLU_ENV	Combination	Min	-23.26	-277.87
163	163	Shell-Thick	919	SLU_ENV	Combination	Min	-26.04	-277.76
163	163	Shell-Thick	934	SLU_ENV	Combination	Min	-24.89	-266.08
163	163	Shell-Thick	245	SLU_ENV	Combination	Min	-22.1	-266.19
163	163	Shell-Thick	218	SLV_Ex	Combination		30.06	-96.42
163	163	Shell-Thick	919	SLV_Ex	Combination		62.62	-89.91
163	163	Shell-Thick	934	SLV_Ex	Combination		63.9	-83.53
163	163	Shell-Thick	245	SLV_Ex	Combination		31.34	-90.04
164	164	Shell-Thick	245	SLU_ENV	Combination	Max	-1.65	-77.11
164	164	Shell-Thick	934	SLU_ENV	Combination	Max	-11.95	-78.72
164	164	Shell-Thick	949	SLU_ENV	Combination	Max	-12.88	-82.5
164	164	Shell-Thick	272	SLU_ENV	Combination	Max	-1.66	-80.16
164	164	Shell-Thick	245	SLU_ENV	Combination	Min	-15.52	-264.69
164	164	Shell-Thick	934	SLU_ENV	Combination	Min	-41.14	-270.26
164	164	Shell-Thick	949	SLU_ENV	Combination	Min	-44.37	-287.28
164	164	Shell-Thick	272	SLU_ENV	Combination	Min	-19.66	-282.44
164	164	Shell-Thick	245	SLV_Ex	Combination		-4.52	-97.22
164	164	Shell-Thick	934	SLV_Ex	Combination		93.66	-77.58
164	164	Shell-Thick	949	SLV_Ex	Combination		100.03	-45.71
164	164	Shell-Thick	272	SLV_Ex	Combination		1.85	-65.35
165	165	Shell-Thick	272	SLU_ENV	Combination	Max	6.15	-79.53
165	165	Shell-Thick	949	SLU_ENV	Combination	Max	-15.89	-83.6
165	165	Shell-Thick	964	SLU_ENV	Combination	Max	-14.71	-62.87
165	165	Shell-Thick	299	SLU_ENV	Combination	Max	8.03	-58.8
165	165	Shell-Thick	272	SLU_ENV	Combination	Min	1.51	-277.28
165	165	Shell-Thick	949	SLU_ENV	Combination	Min	-58.12	-289.54
165	165	Shell-Thick	964	SLU_ENV	Combination	Min	-57.88	-303.18
165	165	Shell-Thick	299	SLU_ENV	Combination	Min	1.05	-290.92
165	165	Shell-Thick	272	SLV_Ex	Combination		1.34	-65.45
165	165	Shell-Thick	949	SLV_Ex	Combination		92.31	-47.26
165	165	Shell-Thick	964	SLV_Ex	Combination		46.42	-276.68
165	165	Shell-Thick	299	SLV_Ex	Combination		-44.54	-294.88
166	166	Shell-Thick	896	SLU_ENV	Combination	Max	-0.14	34.97
166	166	Shell-Thick	911	SLU_ENV	Combination	Max	-1.33	34.54

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
166	166	Shell-Thick	912	SLU_ENV	Combination	Max	-1.74	22.88
166	166	Shell-Thick	897	SLU_ENV	Combination	Max	-0.55	23.31
166	166	Shell-Thick	896	SLU_ENV	Combination	Min	-20.69	8.18
166	166	Shell-Thick	911	SLU_ENV	Combination	Min	-22.84	7.94
166	166	Shell-Thick	912	SLU_ENV	Combination	Min	-25.17	5.87
166	166	Shell-Thick	897	SLU_ENV	Combination	Min	-23.03	6.1
166	166	Shell-Thick	896	SLV_Ex	Combination		-150.81	-23.92
166	166	Shell-Thick	911	SLV_Ex	Combination		-160.55	-25.86
166	166	Shell-Thick	912	SLV_Ex	Combination		-159.19	-19.08
166	166	Shell-Thick	897	SLV_Ex	Combination		-149.46	-17.13
167	167	Shell-Thick	897	SLU_ENV	Combination	Max	-0.11	23.74
167	167	Shell-Thick	912	SLU_ENV	Combination	Max	-0.35	23.92
167	167	Shell-Thick	913	SLU_ENV	Combination	Max	-0.59	18.56
167	167	Shell-Thick	898	SLU_ENV	Combination	Max	-0.34	18.39
167	167	Shell-Thick	897	SLU_ENV	Combination	Min	-20.85	6.19
167	167	Shell-Thick	912	SLU_ENV	Combination	Min	-20.	6.14
167	167	Shell-Thick	913	SLU_ENV	Combination	Min	-21.07	4.95
167	167	Shell-Thick	898	SLU_ENV	Combination	Min	-21.92	5.
167	167	Shell-Thick	897	SLV_Ex	Combination		-144.21	-16.08
167	167	Shell-Thick	912	SLV_Ex	Combination		-147.42	-16.73
167	167	Shell-Thick	913	SLV_Ex	Combination		-146.37	-11.46
167	167	Shell-Thick	898	SLV_Ex	Combination		-143.15	-10.82
168	168	Shell-Thick	898	SLU_ENV	Combination	Max	0.4	18.93
168	168	Shell-Thick	913	SLU_ENV	Combination	Max	-0.77	18.25
168	168	Shell-Thick	914	SLU_ENV	Combination	Max	-0.94	14.83
168	168	Shell-Thick	899	SLU_ENV	Combination	Max	0.23	15.52
168	168	Shell-Thick	898	SLU_ENV	Combination	Min	-19.19	5.15
168	168	Shell-Thick	913	SLU_ENV	Combination	Min	-22.61	4.92
168	168	Shell-Thick	914	SLU_ENV	Combination	Min	-23.29	4.07
168	168	Shell-Thick	899	SLU_ENV	Combination	Min	-19.87	4.31
168	168	Shell-Thick	898	SLV_Ex	Combination		-129.84	-8.16
168	168	Shell-Thick	913	SLV_Ex	Combination		-146.76	-11.54
168	168	Shell-Thick	914	SLV_Ex	Combination		-145.58	-5.65
168	168	Shell-Thick	899	SLV_Ex	Combination		-128.66	-2.26
169	169	Shell-Thick	899	SLU_ENV	Combination	Max	0.24	15.48
169	169	Shell-Thick	914	SLU_ENV	Combination	Max	0.3	15.65
169	169	Shell-Thick	915	SLU_ENV	Combination	Max	0.24	14.79
169	169	Shell-Thick	900	SLU_ENV	Combination	Max	0.19	14.61
169	169	Shell-Thick	899	SLU_ENV	Combination	Min	-20.07	4.31
169	169	Shell-Thick	914	SLU_ENV	Combination	Min	-19.2	4.32
169	169	Shell-Thick	915	SLU_ENV	Combination	Min	-19.37	4.06
169	169	Shell-Thick	900	SLU_ENV	Combination	Min	-20.25	4.05
169	169	Shell-Thick	899	SLV_Ex	Combination		-120.31	-0.59
169	169	Shell-Thick	914	SLV_Ex	Combination		-124.03	-1.34
169	169	Shell-Thick	915	SLV_Ex	Combination		-124.45	-3.44
169	169	Shell-Thick	900	SLV_Ex	Combination		-120.73	-2.69
170	170	Shell-Thick	900	SLU_ENV	Combination	Max	0.19	14.61
170	170	Shell-Thick	915	SLU_ENV	Combination	Max	0.24	14.79
170	170	Shell-Thick	916	SLU_ENV	Combination	Max	0.3	15.65
170	170	Shell-Thick	901	SLU_ENV	Combination	Max	0.24	15.48
170	170	Shell-Thick	900	SLU_ENV	Combination	Min	-20.25	4.05
170	170	Shell-Thick	915	SLU_ENV	Combination	Min	-19.37	4.06
170	170	Shell-Thick	916	SLU_ENV	Combination	Min	-19.2	4.32
170	170	Shell-Thick	901	SLU_ENV	Combination	Min	-20.07	4.31

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
170	170	Shell-Thick	900	SLV_Ex	Combination		-102.95	0.86
170	170	Shell-Thick	915	SLV_Ex	Combination		-109.2	-0.39
170	170	Shell-Thick	916	SLV_Ex	Combination		-109.67	-2.74
170	170	Shell-Thick	901	SLV_Ex	Combination		-103.42	-1.49
171	171	Shell-Thick	901	SLU_ENV	Combination	Max	0.23	15.52
171	171	Shell-Thick	916	SLU_ENV	Combination	Max	-0.94	14.83
171	171	Shell-Thick	917	SLU_ENV	Combination	Max	-0.77	18.25
171	171	Shell-Thick	902	SLU_ENV	Combination	Max	0.4	18.93
171	171	Shell-Thick	901	SLU_ENV	Combination	Min	-19.87	4.31
171	171	Shell-Thick	916	SLU_ENV	Combination	Min	-23.29	4.07
171	171	Shell-Thick	917	SLU_ENV	Combination	Min	-22.61	4.92
171	171	Shell-Thick	902	SLU_ENV	Combination	Min	-19.19	5.15
171	171	Shell-Thick	901	SLV_Ex	Combination		-93.81	0.43
171	171	Shell-Thick	916	SLV_Ex	Combination		-89.13	1.36
171	171	Shell-Thick	917	SLV_Ex	Combination		-86.93	12.35
171	171	Shell-Thick	902	SLV_Ex	Combination		-91.61	11.41
172	172	Shell-Thick	902	SLU_ENV	Combination	Max	-0.34	18.39
172	172	Shell-Thick	917	SLU_ENV	Combination	Max	-0.59	18.56
172	172	Shell-Thick	918	SLU_ENV	Combination	Max	-0.35	23.91
172	172	Shell-Thick	903	SLU_ENV	Combination	Max	-0.11	23.74
172	172	Shell-Thick	902	SLU_ENV	Combination	Min	-21.92	5.
172	172	Shell-Thick	917	SLU_ENV	Combination	Min	-21.07	4.95
172	172	Shell-Thick	918	SLU_ENV	Combination	Min	-20.	6.14
172	172	Shell-Thick	903	SLU_ENV	Combination	Min	-20.85	6.19
172	172	Shell-Thick	902	SLV_Ex	Combination		-81.84	13.36
172	172	Shell-Thick	917	SLV_Ex	Combination		-80.59	13.61
172	172	Shell-Thick	918	SLV_Ex	Combination		-77.25	30.31
172	172	Shell-Thick	903	SLV_Ex	Combination		-78.51	30.06
173	173	Shell-Thick	903	SLU_ENV	Combination	Max	-0.55	23.31
173	173	Shell-Thick	918	SLU_ENV	Combination	Max	-1.74	22.88
173	173	Shell-Thick	919	SLU_ENV	Combination	Max	-1.33	34.54
173	173	Shell-Thick	904	SLU_ENV	Combination	Max	-0.14	34.97
173	173	Shell-Thick	903	SLU_ENV	Combination	Min	-23.03	6.1
173	173	Shell-Thick	918	SLU_ENV	Combination	Min	-25.17	5.87
173	173	Shell-Thick	919	SLU_ENV	Combination	Min	-22.84	7.94
173	173	Shell-Thick	904	SLU_ENV	Combination	Min	-20.69	8.18
173	173	Shell-Thick	903	SLV_Ex	Combination		-75.24	30.71
173	173	Shell-Thick	918	SLV_Ex	Combination		-72.26	31.31
173	173	Shell-Thick	919	SLV_Ex	Combination		-66.32	61.02
173	173	Shell-Thick	904	SLV_Ex	Combination		-69.3	60.42
180	180	Shell-Thick	750	SLU_ENV	Combination	Max	-29.03	-197.51
180	180	Shell-Thick	749	SLU_ENV	Combination	Max	-6.08	-192.92
180	180	Shell-Thick	733	SLU_ENV	Combination	Max	3.48	-166.95
180	180	Shell-Thick	734	SLU_ENV	Combination	Max	-23.83	-171.54
180	180	Shell-Thick	750	SLU_ENV	Combination	Min	-103.33	-685.08
180	180	Shell-Thick	749	SLU_ENV	Combination	Min	-23.11	-669.03
180	180	Shell-Thick	733	SLU_ENV	Combination	Min	-0.89	-536.1
180	180	Shell-Thick	734	SLU_ENV	Combination	Min	-76.75	-552.14
180	180	Shell-Thick	750	SLV_Ex	Combination		-56.24	-625.53
180	180	Shell-Thick	749	SLV_Ex	Combination		-59.07	-626.09
180	180	Shell-Thick	733	SLV_Ex	Combination		0.53	-328.06
180	180	Shell-Thick	734	SLV_Ex	Combination		3.36	-327.5
181	181	Shell-Thick	734	SLU_ENV	Combination	Max	-22.02	-171.18
181	181	Shell-Thick	733	SLU_ENV	Combination	Max	-15.61	-169.89

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
181	181	Shell-Thick	717	SLU_ENV	Combination	Max	-14.44	-164.05
181	181	Shell-Thick	718	SLU_ENV	Combination	Max	-20.86	-165.33
181	181	Shell-Thick	734	SLU_ENV	Combination	Min	-71.14	-551.02
181	181	Shell-Thick	733	SLU_ENV	Combination	Min	-51.86	-547.17
181	181	Shell-Thick	717	SLU_ENV	Combination	Min	-45.35	-514.62
181	181	Shell-Thick	718	SLU_ENV	Combination	Min	-64.63	-518.47
181	181	Shell-Thick	734	SLV_Ex	Combination		2.96	-327.58
181	181	Shell-Thick	733	SLV_Ex	Combination		-41.18	-336.41
181	181	Shell-Thick	717	SLV_Ex	Combination		-45.31	-357.02
181	181	Shell-Thick	718	SLV_Ex	Combination		-1.16	-348.19
182	182	Shell-Thick	911	SLU_ENV	Combination	Max	-1.44	28.19
182	182	Shell-Thick	926	SLU_ENV	Combination	Max	-1.76	28.19
182	182	Shell-Thick	927	SLU_ENV	Combination	Max	-2.42	19.61
182	182	Shell-Thick	912	SLU_ENV	Combination	Max	-1.78	19.62
182	182	Shell-Thick	911	SLU_ENV	Combination	Min	-24.11	7.35
182	182	Shell-Thick	926	SLU_ENV	Combination	Min	-24.47	7.23
182	182	Shell-Thick	927	SLU_ENV	Combination	Min	-25.86	5.53
182	182	Shell-Thick	912	SLU_ENV	Combination	Min	-25.82	5.66
182	182	Shell-Thick	911	SLV_Ex	Combination		-160.73	-26.8
182	182	Shell-Thick	926	SLV_Ex	Combination		-162.45	-27.14
182	182	Shell-Thick	927	SLV_Ex	Combination		-160.45	-17.13
182	182	Shell-Thick	912	SLV_Ex	Combination		-158.73	-16.78
183	183	Shell-Thick	912	SLU_ENV	Combination	Max	-0.39	20.65
183	183	Shell-Thick	927	SLU_ENV	Combination	Max	-4.06	17.97
183	183	Shell-Thick	928	SLU_ENV	Combination	Max	-4.17	16.51
183	183	Shell-Thick	913	SLU_ENV	Combination	Max	-0.5	19.19
183	183	Shell-Thick	912	SLU_ENV	Combination	Min	-20.65	5.94
183	183	Shell-Thick	927	SLU_ENV	Combination	Min	-34.07	5.2
183	183	Shell-Thick	928	SLU_ENV	Combination	Min	-34.37	4.64
183	183	Shell-Thick	913	SLU_ENV	Combination	Min	-20.94	5.38
183	183	Shell-Thick	912	SLV_Ex	Combination		-146.96	-14.43
183	183	Shell-Thick	927	SLV_Ex	Combination		-183.42	-21.72
183	183	Shell-Thick	928	SLV_Ex	Combination		-178.72	1.8
183	183	Shell-Thick	913	SLV_Ex	Combination		-142.26	9.09
184	184	Shell-Thick	913	SLU_ENV	Combination	Max	-0.69	18.88
184	184	Shell-Thick	928	SLU_ENV	Combination	Max	2.044E-02	19.3
184	184	Shell-Thick	929	SLU_ENV	Combination	Max	-0.37	12.76
184	184	Shell-Thick	914	SLU_ENV	Combination	Max	-1.08	12.34
184	184	Shell-Thick	913	SLU_ENV	Combination	Min	-22.48	5.34
184	184	Shell-Thick	928	SLU_ENV	Combination	Min	-20.38	5.48
184	184	Shell-Thick	929	SLU_ENV	Combination	Min	-21.69	3.54
184	184	Shell-Thick	914	SLU_ENV	Combination	Min	-23.79	3.4
184	184	Shell-Thick	913	SLV_Ex	Combination		-142.64	9.02
184	184	Shell-Thick	928	SLV_Ex	Combination		-144.05	8.74
184	184	Shell-Thick	929	SLV_Ex	Combination		-145.74	0.3
184	184	Shell-Thick	914	SLV_Ex	Combination		-144.33	0.58
185	185	Shell-Thick	914	SLU_ENV	Combination	Max	0.16	13.16
185	185	Shell-Thick	929	SLU_ENV	Combination	Max	0.25	13.18
185	185	Shell-Thick	930	SLU_ENV	Combination	Max	-1.065E-02	8.3
185	185	Shell-Thick	915	SLU_ENV	Combination	Max	-9.557E-02	8.29
185	185	Shell-Thick	914	SLU_ENV	Combination	Min	-19.69	3.65
185	185	Shell-Thick	929	SLU_ENV	Combination	Min	-19.6	3.67
185	185	Shell-Thick	930	SLU_ENV	Combination	Min	-20.58	2.38
185	185	Shell-Thick	915	SLU_ENV	Combination	Min	-20.67	2.36

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
185	185	Shell-Thick	914	SLV_Ex	Combination		-122.79	4.89
185	185	Shell-Thick	929	SLV_Ex	Combination		-131.83	3.08
185	185	Shell-Thick	930	SLV_Ex	Combination		-133.58	-5.68
185	185	Shell-Thick	915	SLV_Ex	Combination		-124.54	-3.87
186	186	Shell-Thick	915	SLU_ENV	Combination	Max	-9.559E-02	8.29
186	186	Shell-Thick	930	SLU_ENV	Combination	Max	-1.073E-02	8.3
186	186	Shell-Thick	931	SLU_ENV	Combination	Max	0.25	13.18
186	186	Shell-Thick	916	SLU_ENV	Combination	Max	0.16	13.16
186	186	Shell-Thick	915	SLU_ENV	Combination	Min	-20.67	2.36
186	186	Shell-Thick	930	SLU_ENV	Combination	Min	-20.58	2.38
186	186	Shell-Thick	931	SLU_ENV	Combination	Min	-19.6	3.67
186	186	Shell-Thick	916	SLU_ENV	Combination	Min	-19.69	3.65
186	186	Shell-Thick	915	SLV_Ex	Combination		-109.29	-0.82
186	186	Shell-Thick	930	SLV_Ex	Combination		-118.39	-2.64
186	186	Shell-Thick	931	SLV_Ex	Combination		-119.06	-5.97
186	186	Shell-Thick	916	SLV_Ex	Combination		-109.96	-4.15
187	187	Shell-Thick	916	SLU_ENV	Combination	Max	-1.08	12.34
187	187	Shell-Thick	931	SLU_ENV	Combination	Max	-0.37	12.76
187	187	Shell-Thick	932	SLU_ENV	Combination	Max	2.028E-02	19.3
187	187	Shell-Thick	917	SLU_ENV	Combination	Max	-0.69	18.88
187	187	Shell-Thick	916	SLU_ENV	Combination	Min	-23.79	3.4
187	187	Shell-Thick	931	SLU_ENV	Combination	Min	-21.69	3.54
187	187	Shell-Thick	932	SLU_ENV	Combination	Min	-20.38	5.48
187	187	Shell-Thick	917	SLU_ENV	Combination	Min	-22.48	5.34
187	187	Shell-Thick	916	SLV_Ex	Combination		-89.41	-4.412E-02
187	187	Shell-Thick	931	SLV_Ex	Combination		-103.08	-2.78
187	187	Shell-Thick	932	SLV_Ex	Combination		-104.37	-9.2
187	187	Shell-Thick	917	SLV_Ex	Combination		-90.69	-6.47
188	188	Shell-Thick	917	SLU_ENV	Combination	Max	-0.5	19.19
188	188	Shell-Thick	932	SLU_ENV	Combination	Max	-4.17	16.51
188	188	Shell-Thick	933	SLU_ENV	Combination	Max	-4.06	17.97
188	188	Shell-Thick	918	SLU_ENV	Combination	Max	-0.39	20.65
188	188	Shell-Thick	917	SLU_ENV	Combination	Min	-20.94	5.38
188	188	Shell-Thick	932	SLU_ENV	Combination	Min	-34.37	4.64
188	188	Shell-Thick	933	SLU_ENV	Combination	Min	-34.08	5.2
188	188	Shell-Thick	918	SLU_ENV	Combination	Min	-20.65	5.94
188	188	Shell-Thick	917	SLV_Ex	Combination		-84.35	-5.2
188	188	Shell-Thick	932	SLV_Ex	Combination		-74.33	-3.19
188	188	Shell-Thick	933	SLV_Ex	Combination		-68.78	24.56
188	188	Shell-Thick	918	SLV_Ex	Combination		-78.8	22.56
189	189	Shell-Thick	918	SLU_ENV	Combination	Max	-1.78	19.62
189	189	Shell-Thick	933	SLU_ENV	Combination	Max	-2.42	19.61
189	189	Shell-Thick	934	SLU_ENV	Combination	Max	-1.76	28.18
189	189	Shell-Thick	919	SLU_ENV	Combination	Max	-1.44	28.19
189	189	Shell-Thick	918	SLU_ENV	Combination	Min	-25.82	5.66
189	189	Shell-Thick	933	SLU_ENV	Combination	Min	-25.86	5.53
189	189	Shell-Thick	934	SLU_ENV	Combination	Min	-24.47	7.23
189	189	Shell-Thick	919	SLU_ENV	Combination	Min	-24.11	7.35
189	189	Shell-Thick	918	SLV_Ex	Combination		-73.81	23.56
189	189	Shell-Thick	933	SLV_Ex	Combination		-74.23	23.47
189	189	Shell-Thick	934	SLV_Ex	Combination		-65.42	67.52
189	189	Shell-Thick	919	SLV_Ex	Combination		-65.	67.61
190	190	Shell-Thick	718	SLU_ENV	Combination	Max	-21.22	-165.41
190	190	Shell-Thick	717	SLU_ENV	Combination	Max	-17.9	-164.74

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
190	190	Shell-Thick	330	SLU_ENV	Combination	Max	-17.79	-164.19
190	190	Shell-Thick	331	SLU_ENV	Combination	Max	-21.11	-164.85
190	190	Shell-Thick	718	SLU_ENV	Combination	Min	-67.65	-519.08
190	190	Shell-Thick	717	SLU_ENV	Combination	Min	-54.66	-516.48
190	190	Shell-Thick	330	SLU_ENV	Combination	Min	-52.28	-504.58
190	190	Shell-Thick	331	SLU_ENV	Combination	Min	-65.27	-507.18
190	190	Shell-Thick	718	SLV_Ex	Combination		3.1	-347.34
190	190	Shell-Thick	717	SLV_Ex	Combination		-17.39	-351.44
190	190	Shell-Thick	330	SLV_Ex	Combination		-20.3	-366.
190	190	Shell-Thick	331	SLV_Ex	Combination		0.19	-361.9
191	191	Shell-Thick	331	SLU_ENV	Combination	Max	-21.12	-164.85
191	191	Shell-Thick	330	SLU_ENV	Combination	Max	-19.31	-164.49
191	191	Shell-Thick	348	SLU_ENV	Combination	Max	-19.28	-164.36
191	191	Shell-Thick	349	SLU_ENV	Combination	Max	-21.1	-164.73
191	191	Shell-Thick	331	SLU_ENV	Combination	Min	-67.48	-507.62
191	191	Shell-Thick	330	SLU_ENV	Combination	Min	-57.91	-505.71
191	191	Shell-Thick	348	SLU_ENV	Combination	Min	-55.52	-493.73
191	191	Shell-Thick	349	SLU_ENV	Combination	Min	-65.08	-495.64
191	191	Shell-Thick	331	SLV_Ex	Combination		9.49	-360.04
191	191	Shell-Thick	330	SLV_Ex	Combination		-9.95	-363.93
191	191	Shell-Thick	348	SLV_Ex	Combination		-12.32	-375.82
191	191	Shell-Thick	349	SLV_Ex	Combination		7.11	-371.93
192	192	Shell-Thick	349	SLU_ENV	Combination	Max	-20.99	-164.71
192	192	Shell-Thick	348	SLU_ENV	Combination	Max	-20.01	-164.51
192	192	Shell-Thick	366	SLU_ENV	Combination	Max	-20.21	-165.48
192	192	Shell-Thick	367	SLU_ENV	Combination	Max	-21.19	-165.67
192	192	Shell-Thick	349	SLU_ENV	Combination	Min	-67.54	-496.13
192	192	Shell-Thick	348	SLU_ENV	Combination	Min	-58.99	-494.42
192	192	Shell-Thick	366	SLU_ENV	Combination	Min	-56.74	-483.16
192	192	Shell-Thick	367	SLU_ENV	Combination	Min	-65.29	-484.87
192	192	Shell-Thick	349	SLV_Ex	Combination		8.51	-371.65
192	192	Shell-Thick	348	SLV_Ex	Combination		-3.4	-374.03
192	192	Shell-Thick	366	SLV_Ex	Combination		-4.77	-380.85
192	192	Shell-Thick	367	SLV_Ex	Combination		7.15	-378.47
193	193	Shell-Thick	367	SLU_ENV	Combination	Max	-21.25	-165.69
193	193	Shell-Thick	366	SLU_ENV	Combination	Max	-20.54	-165.54
193	193	Shell-Thick	384	SLU_ENV	Combination	Max	-20.65	-166.11
193	193	Shell-Thick	385	SLU_ENV	Combination	Max	-21.36	-166.25
193	193	Shell-Thick	367	SLU_ENV	Combination	Min	-67.61	-485.33
193	193	Shell-Thick	366	SLU_ENV	Combination	Min	-60.68	-483.95
193	193	Shell-Thick	384	SLU_ENV	Combination	Min	-58.07	-470.91
193	193	Shell-Thick	385	SLU_ENV	Combination	Min	-65.01	-472.29
193	193	Shell-Thick	367	SLV_Ex	Combination		11.17	-377.66
193	193	Shell-Thick	366	SLV_Ex	Combination		-3.25	-380.55
193	193	Shell-Thick	384	SLV_Ex	Combination		-3.93	-383.96
193	193	Shell-Thick	385	SLV_Ex	Combination		10.49	-381.07
194	194	Shell-Thick	385	SLU_ENV	Combination	Max	-21.44	-166.27
194	194	Shell-Thick	384	SLU_ENV	Combination	Max	-20.81	-166.14
194	194	Shell-Thick	402	SLU_ENV	Combination	Max	-20.87	-166.45
194	194	Shell-Thick	403	SLU_ENV	Combination	Max	-21.5	-166.58
194	194	Shell-Thick	385	SLU_ENV	Combination	Min	-67.44	-472.78
194	194	Shell-Thick	384	SLU_ENV	Combination	Min	-60.91	-471.48
194	194	Shell-Thick	402	SLU_ENV	Combination	Min	-58.11	-457.47
194	194	Shell-Thick	403	SLU_ENV	Combination	Min	-64.64	-458.78

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
194	194	Shell-Thick	385	SLV_Ex	Combination		11.33	-380.91
194	194	Shell-Thick	384	SLV_Ex	Combination		-2.76	-383.72
194	194	Shell-Thick	402	SLV_Ex	Combination		-3.03	-385.11
194	194	Shell-Thick	403	SLV_Ex	Combination		11.06	-382.3
195	195	Shell-Thick	403	SLU_ENV	Combination	Max	-21.54	-166.59
195	195	Shell-Thick	402	SLU_ENV	Combination	Max	-20.88	-166.45
195	195	Shell-Thick	420	SLU_ENV	Combination	Max	-20.89	-166.52
195	195	Shell-Thick	421	SLU_ENV	Combination	Max	-21.55	-166.65
195	195	Shell-Thick	403	SLU_ENV	Combination	Min	-66.55	-459.16
195	195	Shell-Thick	402	SLU_ENV	Combination	Min	-60.32	-457.91
195	195	Shell-Thick	420	SLU_ENV	Combination	Min	-57.45	-443.58
195	195	Shell-Thick	421	SLU_ENV	Combination	Min	-63.69	-444.83
195	195	Shell-Thick	403	SLV_Ex	Combination		10.9	-382.33
195	195	Shell-Thick	402	SLV_Ex	Combination		-2.8	-385.07
195	195	Shell-Thick	420	SLV_Ex	Combination		-3.02	-386.2
195	195	Shell-Thick	421	SLV_Ex	Combination		10.67	-383.46
196	196	Shell-Thick	421	SLU_ENV	Combination	Max	-21.56	-166.65
196	196	Shell-Thick	420	SLU_ENV	Combination	Max	-20.74	-166.49
196	196	Shell-Thick	438	SLU_ENV	Combination	Max	-20.7	-166.29
196	196	Shell-Thick	439	SLU_ENV	Combination	Max	-21.52	-166.45
196	196	Shell-Thick	421	SLU_ENV	Combination	Min	-64.99	-445.09
196	196	Shell-Thick	420	SLU_ENV	Combination	Min	-58.61	-443.82
196	196	Shell-Thick	438	SLU_ENV	Combination	Min	-55.66	-429.07
196	196	Shell-Thick	439	SLU_ENV	Combination	Min	-62.05	-430.35
196	196	Shell-Thick	421	SLV_Ex	Combination		10.32	-383.53
196	196	Shell-Thick	420	SLV_Ex	Combination		-3.9	-386.37
196	196	Shell-Thick	438	SLV_Ex	Combination		-3.8	-385.88
196	196	Shell-Thick	439	SLV_Ex	Combination		10.41	-383.04
197	197	Shell-Thick	439	SLU_ENV	Combination	Max	-21.5	-166.45
197	197	Shell-Thick	438	SLU_ENV	Combination	Max	-20.33	-166.21
197	197	Shell-Thick	456	SLU_ENV	Combination	Max	-20.2	-165.52
197	197	Shell-Thick	457	SLU_ENV	Combination	Max	-21.36	-165.76
197	197	Shell-Thick	439	SLU_ENV	Combination	Min	-62.77	-430.49
197	197	Shell-Thick	438	SLU_ENV	Combination	Min	-55.47	-429.03
197	197	Shell-Thick	456	SLU_ENV	Combination	Min	-52.41	-413.72
197	197	Shell-Thick	457	SLU_ENV	Combination	Min	-59.71	-415.18
197	197	Shell-Thick	439	SLV_Ex	Combination		7.09	-383.7
197	197	Shell-Thick	438	SLV_Ex	Combination		-3.76	-385.87
197	197	Shell-Thick	456	SLV_Ex	Combination		-3.17	-382.92
197	197	Shell-Thick	457	SLV_Ex	Combination		7.68	-380.75
198	198	Shell-Thick	926	SLU_ENV	Combination	Max	-2.88	8.09
198	198	Shell-Thick	941	SLU_ENV	Combination	Max	-12.55	1.28
198	198	Shell-Thick	942	SLU_ENV	Combination	Max	-11.38	23.8
198	198	Shell-Thick	927	SLU_ENV	Combination	Max	-1.72	31.08
198	198	Shell-Thick	926	SLU_ENV	Combination	Min	-28.33	2.39
198	198	Shell-Thick	941	SLU_ENV	Combination	Min	-64.73	-2.149E-02
198	198	Shell-Thick	942	SLU_ENV	Combination	Min	-59.97	7.12
198	198	Shell-Thick	927	SLU_ENV	Combination	Min	-23.57	9.05
198	198	Shell-Thick	926	SLV_Ex	Combination		-171.85	-74.09
198	198	Shell-Thick	941	SLV_Ex	Combination		-256.64	-91.05
198	198	Shell-Thick	942	SLV_Ex	Combination		-235.45	14.9
198	198	Shell-Thick	927	SLV_Ex	Combination		-150.65	31.86
199	199	Shell-Thick	927	SLU_ENV	Combination	Max	-3.35	29.44
199	199	Shell-Thick	942	SLU_ENV	Combination	Max	2.27	33.01

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
199	199	Shell-Thick	943	SLU_ENV	Combination	Max	1.13	14.83
199	199	Shell-Thick	928	SLU_ENV	Combination	Max	-4.5	11.25
199	199	Shell-Thick	927	SLU_ENV	Combination	Min	-31.78	8.72
199	199	Shell-Thick	942	SLU_ENV	Combination	Min	-13.91	9.85
199	199	Shell-Thick	943	SLU_ENV	Combination	Min	-17.55	4.12
199	199	Shell-Thick	928	SLU_ENV	Combination	Min	-35.42	2.99
199	199	Shell-Thick	927	SLV_Ex	Combination		-173.63	27.27
199	199	Shell-Thick	942	SLV_Ex	Combination		-137.55	34.48
199	199	Shell-Thick	943	SLV_Ex	Combination		-141.51	14.65
199	199	Shell-Thick	928	SLV_Ex	Combination		-177.59	7.44
200	200	Shell-Thick	928	SLU_ENV	Combination	Max	-0.31	14.05
200	200	Shell-Thick	943	SLU_ENV	Combination	Max	0.49	14.47
200	200	Shell-Thick	944	SLU_ENV	Combination	Max	-8.051E-02	3.71
200	200	Shell-Thick	929	SLU_ENV	Combination	Max	-0.88	3.3
200	200	Shell-Thick	928	SLU_ENV	Combination	Min	-21.43	3.83
200	200	Shell-Thick	943	SLU_ENV	Combination	Min	-19.34	3.99
200	200	Shell-Thick	944	SLU_ENV	Combination	Min	-21.49	1.12
200	200	Shell-Thick	929	SLU_ENV	Combination	Min	-23.58	0.96
200	200	Shell-Thick	928	SLV_Ex	Combination		-142.92	14.37
200	200	Shell-Thick	943	SLV_Ex	Combination		-129.77	17.
200	200	Shell-Thick	944	SLV_Ex	Combination		-133.15	0.11
200	200	Shell-Thick	929	SLV_Ex	Combination		-146.3	-2.52
201	201	Shell-Thick	929	SLU_ENV	Combination	Max	-0.27	3.71
201	201	Shell-Thick	944	SLU_ENV	Combination	Max	-0.81	3.21
201	201	Shell-Thick	945	SLU_ENV	Combination	Max	-0.62	6.97
201	201	Shell-Thick	930	SLU_ENV	Combination	Max	-7.541E-02	7.47
201	201	Shell-Thick	929	SLU_ENV	Combination	Min	-21.5	1.08
201	201	Shell-Thick	944	SLU_ENV	Combination	Min	-23.99	0.97
201	201	Shell-Thick	945	SLU_ENV	Combination	Min	-23.24	1.94
201	201	Shell-Thick	930	SLU_ENV	Combination	Min	-20.75	2.05
201	201	Shell-Thick	929	SLV_Ex	Combination		-132.39	0.26
201	201	Shell-Thick	944	SLV_Ex	Combination		-133.81	-2.381E-02
201	201	Shell-Thick	945	SLV_Ex	Combination		-133.84	-0.16
201	201	Shell-Thick	930	SLV_Ex	Combination		-132.42	0.12
202	202	Shell-Thick	930	SLU_ENV	Combination	Max	-7.549E-02	7.47
202	202	Shell-Thick	945	SLU_ENV	Combination	Max	-0.62	6.97
202	202	Shell-Thick	946	SLU_ENV	Combination	Max	-0.81	3.21
202	202	Shell-Thick	931	SLU_ENV	Combination	Max	-0.27	3.71
202	202	Shell-Thick	930	SLU_ENV	Combination	Min	-20.75	2.05
202	202	Shell-Thick	945	SLU_ENV	Combination	Min	-23.24	1.94
202	202	Shell-Thick	946	SLU_ENV	Combination	Min	-23.99	0.97
202	202	Shell-Thick	931	SLU_ENV	Combination	Min	-21.5	1.08
202	202	Shell-Thick	930	SLV_Ex	Combination		-117.23	3.16
202	202	Shell-Thick	945	SLV_Ex	Combination		-138.84	-1.16
202	202	Shell-Thick	946	SLV_Ex	Combination		-140.33	-8.64
202	202	Shell-Thick	931	SLV_Ex	Combination		-118.73	-4.32
203	203	Shell-Thick	931	SLU_ENV	Combination	Max	-0.88	3.3
203	203	Shell-Thick	946	SLU_ENV	Combination	Max	-8.040E-02	3.71
203	203	Shell-Thick	947	SLU_ENV	Combination	Max	0.49	14.47
203	203	Shell-Thick	932	SLU_ENV	Combination	Max	-0.31	14.05
203	203	Shell-Thick	931	SLU_ENV	Combination	Min	-23.58	0.96
203	203	Shell-Thick	946	SLU_ENV	Combination	Min	-21.49	1.12
203	203	Shell-Thick	947	SLU_ENV	Combination	Min	-19.34	3.99
203	203	Shell-Thick	932	SLU_ENV	Combination	Min	-21.43	3.83

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
203	203	Shell-Thick	931	SLV_Ex	Combination		-102.75	-1.12
203	203	Shell-Thick	946	SLV_Ex	Combination		-141.14	-8.8
203	203	Shell-Thick	947	SLV_Ex	Combination		-142.4	-15.14
203	203	Shell-Thick	932	SLV_Ex	Combination		-104.02	-7.46
204	204	Shell-Thick	932	SLU_ENV	Combination	Max	-4.5	11.25
204	204	Shell-Thick	947	SLU_ENV	Combination	Max	1.13	14.83
204	204	Shell-Thick	948	SLU_ENV	Combination	Max	2.27	33.01
204	204	Shell-Thick	933	SLU_ENV	Combination	Max	-3.35	29.44
204	204	Shell-Thick	932	SLU_ENV	Combination	Min	-35.42	2.99
204	204	Shell-Thick	947	SLU_ENV	Combination	Min	-17.55	4.12
204	204	Shell-Thick	948	SLU_ENV	Combination	Min	-13.91	9.85
204	204	Shell-Thick	933	SLU_ENV	Combination	Min	-31.78	8.72
204	204	Shell-Thick	932	SLV_Ex	Combination		-73.98	-1.45
204	204	Shell-Thick	947	SLV_Ex	Combination		-129.	-12.46
204	204	Shell-Thick	948	SLV_Ex	Combination		-131.68	-25.85
204	204	Shell-Thick	933	SLV_Ex	Combination		-76.66	-14.85
205	205	Shell-Thick	933	SLU_ENV	Combination	Max	-1.72	31.08
205	205	Shell-Thick	948	SLU_ENV	Combination	Max	-11.38	23.8
205	205	Shell-Thick	949	SLU_ENV	Combination	Max	-12.55	1.28
205	205	Shell-Thick	934	SLU_ENV	Combination	Max	-2.88	8.08
205	205	Shell-Thick	933	SLU_ENV	Combination	Min	-23.57	9.05
205	205	Shell-Thick	948	SLU_ENV	Combination	Min	-59.97	7.12
205	205	Shell-Thick	949	SLU_ENV	Combination	Min	-64.73	-3.084E-02
205	205	Shell-Thick	934	SLU_ENV	Combination	Min	-28.33	2.38
205	205	Shell-Thick	933	SLV_Ex	Combination		-82.11	-15.94
205	205	Shell-Thick	948	SLV_Ex	Combination		-64.19	-12.36
205	205	Shell-Thick	949	SLV_Ex	Combination		-41.55	100.86
205	205	Shell-Thick	934	SLV_Ex	Combination		-59.47	97.28
206	206	Shell-Thick	457	SLU_ENV	Combination	Max	-21.38	-165.76
206	206	Shell-Thick	456	SLU_ENV	Combination	Max	-19.72	-165.43
206	206	Shell-Thick	474	SLU_ENV	Combination	Max	-19.54	-164.51
206	206	Shell-Thick	475	SLU_ENV	Combination	Max	-21.2	-164.84
206	206	Shell-Thick	457	SLU_ENV	Combination	Min	-59.85	-415.21
206	206	Shell-Thick	456	SLU_ENV	Combination	Min	-51.66	-413.57
206	206	Shell-Thick	474	SLU_ENV	Combination	Min	-48.51	-397.86
206	206	Shell-Thick	475	SLU_ENV	Combination	Min	-56.7	-399.5
206	206	Shell-Thick	457	SLV_Ex	Combination		7.84	-380.71
206	206	Shell-Thick	456	SLV_Ex	Combination		-10.66	-384.41
206	206	Shell-Thick	474	SLV_Ex	Combination		-8.58	-373.99
206	206	Shell-Thick	475	SLV_Ex	Combination		9.93	-370.29
207	207	Shell-Thick	475	SLU_ENV	Combination	Max	-21.02	-164.81
207	207	Shell-Thick	474	SLU_ENV	Combination	Max	-18.65	-164.33
207	207	Shell-Thick	492	SLU_ENV	Combination	Max	-18.47	-163.43
207	207	Shell-Thick	493	SLU_ENV	Combination	Max	-20.84	-163.91
207	207	Shell-Thick	475	SLU_ENV	Combination	Min	-56.42	-399.44
207	207	Shell-Thick	474	SLU_ENV	Combination	Min	-45.76	-397.31
207	207	Shell-Thick	492	SLU_ENV	Combination	Min	-42.6	-381.48
207	207	Shell-Thick	493	SLU_ENV	Combination	Min	-53.26	-383.62
207	207	Shell-Thick	475	SLV_Ex	Combination		0.62	-372.15
207	207	Shell-Thick	474	SLV_Ex	Combination		-17.49	-375.77
207	207	Shell-Thick	492	SLV_Ex	Combination		-14.17	-359.17
207	207	Shell-Thick	493	SLV_Ex	Combination		3.94	-355.54
208	208	Shell-Thick	493	SLU_ENV	Combination	Max	-20.34	-163.81
208	208	Shell-Thick	492	SLU_ENV	Combination	Max	-15.48	-162.84

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
208	208	Shell-Thick	510	SLU_ENV	Combination	Max	-14.28	-153.12
208	208	Shell-Thick	511	SLU_ENV	Combination	Max	-21.55	-154.61
208	208	Shell-Thick	493	SLU_ENV	Combination	Min	-51.89	-383.34
208	208	Shell-Thick	492	SLU_ENV	Combination	Min	-36.71	-380.31
208	208	Shell-Thick	510	SLU_ENV	Combination	Min	-38.33	-392.11
208	208	Shell-Thick	511	SLU_ENV	Combination	Min	-51.1	-394.64
208	208	Shell-Thick	493	SLV_Ex	Combination		-1.25	-356.58
208	208	Shell-Thick	492	SLV_Ex	Combination		-45.22	-365.38
208	208	Shell-Thick	510	SLV_Ex	Combination		-40.23	-340.4
208	208	Shell-Thick	511	SLV_Ex	Combination		3.75	-331.6
209	209	Shell-Thick	511	SLU_ENV	Combination	Max	-23.45	-154.96
209	209	Shell-Thick	510	SLU_ENV	Combination	Max	-1.35	-151.15
209	209	Shell-Thick	528	SLU_ENV	Combination	Max	-3.01	-144.17
209	209	Shell-Thick	529	SLU_ENV	Combination	Max	-22.06	-147.98
209	209	Shell-Thick	511	SLU_ENV	Combination	Min	-55.57	-395.56
209	209	Shell-Thick	510	SLU_ENV	Combination	Min	-4.42	-384.72
209	209	Shell-Thick	528	SLU_ENV	Combination	Min	-15.6	-455.86
209	209	Shell-Thick	529	SLU_ENV	Combination	Min	-69.79	-466.7
209	209	Shell-Thick	511	SLV_Ex	Combination		3.57	-331.64
209	209	Shell-Thick	510	SLV_Ex	Combination		0.22	-332.31
209	209	Shell-Thick	528	SLV_Ex	Combination		-59.64	-631.63
209	209	Shell-Thick	529	SLV_Ex	Combination		-56.29	-630.96
210	210	Shell-Thick	749	SLU_ENV	Combination	Max	4.61	-148.08
210	210	Shell-Thick	748	SLU_ENV	Combination	Max	-3.7	-149.4
210	210	Shell-Thick	732	SLU_ENV	Combination	Max	-5.1	-156.42
210	210	Shell-Thick	733	SLU_ENV	Combination	Max	2.69	-155.1
210	210	Shell-Thick	749	SLU_ENV	Combination	Min	0.86	-540.6
210	210	Shell-Thick	748	SLU_ENV	Combination	Min	-12.25	-543.56
210	210	Shell-Thick	732	SLU_ENV	Combination	Min	-12.35	-544.06
210	210	Shell-Thick	733	SLU_ENV	Combination	Min	1.28	-541.09
210	210	Shell-Thick	749	SLV_Ex	Combination		-19.77	-429.57
210	210	Shell-Thick	748	SLV_Ex	Combination		-15.42	-428.7
210	210	Shell-Thick	732	SLV_Ex	Combination		-6.07	-381.96
210	210	Shell-Thick	733	SLV_Ex	Combination		-10.42	-382.83
211	211	Shell-Thick	733	SLU_ENV	Combination	Max	-13.24	-158.05
211	211	Shell-Thick	732	SLU_ENV	Combination	Max	-6.56	-156.71
211	211	Shell-Thick	716	SLU_ENV	Combination	Max	-5.19	-149.9
211	211	Shell-Thick	717	SLU_ENV	Combination	Max	-11.88	-151.23
211	211	Shell-Thick	733	SLU_ENV	Combination	Min	-52.86	-552.16
211	211	Shell-Thick	732	SLU_ENV	Combination	Min	-19.56	-545.5
211	211	Shell-Thick	716	SLU_ENV	Combination	Min	-11.22	-503.82
211	211	Shell-Thick	717	SLU_ENV	Combination	Min	-44.52	-510.48
211	211	Shell-Thick	733	SLV_Ex	Combination		-52.14	-391.17
211	211	Shell-Thick	732	SLV_Ex	Combination		-16.69	-384.09
211	211	Shell-Thick	716	SLV_Ex	Combination		-7.44	-337.79
211	211	Shell-Thick	717	SLV_Ex	Combination		-42.88	-344.88
212	212	Shell-Thick	717	SLU_ENV	Combination	Max	-15.34	-151.92
212	212	Shell-Thick	716	SLU_ENV	Combination	Max	-11.71	-151.2
212	212	Shell-Thick	329	SLU_ENV	Combination	Max	-11.27	-148.98
212	212	Shell-Thick	330	SLU_ENV	Combination	Max	-14.89	-149.7
212	212	Shell-Thick	717	SLU_ENV	Combination	Min	-53.83	-512.34
212	212	Shell-Thick	716	SLU_ENV	Combination	Min	-36.54	-508.88
212	212	Shell-Thick	329	SLU_ENV	Combination	Min	-33.02	-491.3
212	212	Shell-Thick	330	SLU_ENV	Combination	Min	-50.31	-494.76

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
212	212	Shell-Thick	717	SLV_Ex	Combination		-14.96	-339.3
212	212	Shell-Thick	716	SLV_Ex	Combination		-21.52	-340.61
212	212	Shell-Thick	329	SLV_Ex	Combination		-24.25	-354.27
212	212	Shell-Thick	330	SLV_Ex	Combination		-17.69	-352.95
213	213	Shell-Thick	330	SLU_ENV	Combination	Max	-16.41	-150.
213	213	Shell-Thick	329	SLU_ENV	Combination	Max	-14.28	-149.58
213	213	Shell-Thick	347	SLU_ENV	Combination	Max	-14.1	-148.68
213	213	Shell-Thick	348	SLU_ENV	Combination	Max	-16.23	-149.11
213	213	Shell-Thick	330	SLU_ENV	Combination	Min	-55.95	-495.89
213	213	Shell-Thick	329	SLU_ENV	Combination	Min	-43.35	-493.37
213	213	Shell-Thick	347	SLU_ENV	Combination	Min	-39.95	-476.33
213	213	Shell-Thick	348	SLU_ENV	Combination	Min	-52.54	-478.85
213	213	Shell-Thick	330	SLV_Ex	Combination		-7.34	-350.88
213	213	Shell-Thick	329	SLV_Ex	Combination		-14.47	-352.31
213	213	Shell-Thick	347	SLV_Ex	Combination		-15.92	-359.56
213	213	Shell-Thick	348	SLV_Ex	Combination		-8.79	-358.13
214	214	Shell-Thick	941	SLU_ENV	Combination	Max	-13.15	-1.72
214	214	Shell-Thick	956	SLU_ENV	Combination	Max	88.54	20.46
214	214	Shell-Thick	957	SLU_ENV	Combination	Max	92.55	41.
214	214	Shell-Thick	942	SLU_ENV	Combination	Max	-12.28	10.54
214	214	Shell-Thick	941	SLU_ENV	Combination	Min	-67.48	-13.78
214	214	Shell-Thick	956	SLU_ENV	Combination	Min	27.42	3.35
214	214	Shell-Thick	957	SLU_ENV	Combination	Min	29.14	11.46
214	214	Shell-Thick	942	SLU_ENV	Combination	Min	-62.62	2.61
214	214	Shell-Thick	941	SLV_Ex	Combination		-259.93	-107.49
214	214	Shell-Thick	956	SLV_Ex	Combination		68.84	-41.74
214	214	Shell-Thick	957	SLV_Ex	Combination		93.59	81.99
214	214	Shell-Thick	942	SLV_Ex	Combination		-235.19	16.24
215	215	Shell-Thick	942	SLU_ENV	Combination	Max	1.37	19.75
215	215	Shell-Thick	957	SLU_ENV	Combination	Max	4.09	21.71
215	215	Shell-Thick	958	SLU_ENV	Combination	Max	2.94	0.37
215	215	Shell-Thick	943	SLU_ENV	Combination	Max	0.22	2.307E-02
215	215	Shell-Thick	942	SLU_ENV	Combination	Min	-16.57	5.34
215	215	Shell-Thick	957	SLU_ENV	Combination	Min	-6.76	5.88
215	215	Shell-Thick	958	SLU_ENV	Combination	Min	-11.07	-7.564E-02
215	215	Shell-Thick	943	SLU_ENV	Combination	Min	-20.88	-2.23
215	215	Shell-Thick	942	SLV_Ex	Combination		-137.28	35.82
215	215	Shell-Thick	957	SLV_Ex	Combination		-63.36	50.6
215	215	Shell-Thick	958	SLV_Ex	Combination		-72.94	2.73
215	215	Shell-Thick	943	SLV_Ex	Combination		-146.86	-12.05
216	216	Shell-Thick	943	SLU_ENV	Combination	Max	-0.41	-0.16
216	216	Shell-Thick	958	SLU_ENV	Combination	Max	-2.83	-1.02
216	216	Shell-Thick	959	SLU_ENV	Combination	Max	-2.35	5.12
216	216	Shell-Thick	944	SLU_ENV	Combination	Max	7.096E-02	6.9
216	216	Shell-Thick	943	SLU_ENV	Combination	Min	-22.67	-2.53
216	216	Shell-Thick	958	SLU_ENV	Combination	Min	-31.71	-3.96
216	216	Shell-Thick	959	SLU_ENV	Combination	Min	-29.9	1.36
216	216	Shell-Thick	944	SLU_ENV	Combination	Min	-20.86	1.87
216	216	Shell-Thick	943	SLV_Ex	Combination		-135.11	-9.7
216	216	Shell-Thick	958	SLV_Ex	Combination		-117.18	-6.12
216	216	Shell-Thick	959	SLV_Ex	Combination		-114.08	9.34
216	216	Shell-Thick	944	SLV_Ex	Combination		-132.02	5.75
217	217	Shell-Thick	944	SLU_ENV	Combination	Max	-0.66	6.4
217	217	Shell-Thick	959	SLU_ENV	Combination	Max	-4.07	3.97

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
217	217	Shell-Thick	960	SLU_ENV	Combination	Max	-4.46	-0.94
217	217	Shell-Thick	945	SLU_ENV	Combination	Max	-1.06	5.104E-02
217	217	Shell-Thick	944	SLU_ENV	Combination	Min	-23.36	1.73
217	217	Shell-Thick	959	SLU_ENV	Combination	Min	-36.09	0.93
217	217	Shell-Thick	960	SLU_ENV	Combination	Min	-37.58	-3.58
217	217	Shell-Thick	945	SLU_ENV	Combination	Min	-24.84	-1.35
217	217	Shell-Thick	944	SLV_Ex	Combination		-132.68	5.62
217	217	Shell-Thick	959	SLV_Ex	Combination		-138.47	4.46
217	217	Shell-Thick	960	SLV_Ex	Combination		-139.85	-2.44
217	217	Shell-Thick	945	SLV_Ex	Combination		-134.06	-1.28
218	218	Shell-Thick	945	SLU_ENV	Combination	Max	-1.06	5.107E-02
218	218	Shell-Thick	960	SLU_ENV	Combination	Max	-4.46	-0.94
218	218	Shell-Thick	961	SLU_ENV	Combination	Max	-4.07	3.97
218	218	Shell-Thick	946	SLU_ENV	Combination	Max	-0.66	6.4
218	218	Shell-Thick	945	SLU_ENV	Combination	Min	-24.84	-1.35
218	218	Shell-Thick	960	SLU_ENV	Combination	Min	-37.58	-3.58
218	218	Shell-Thick	961	SLU_ENV	Combination	Min	-36.09	0.93
218	218	Shell-Thick	946	SLU_ENV	Combination	Min	-23.36	1.73
218	218	Shell-Thick	945	SLV_Ex	Combination		-139.06	-2.28
218	218	Shell-Thick	960	SLV_Ex	Combination		-157.43	-5.95
218	218	Shell-Thick	961	SLV_Ex	Combination		-156.6	-1.81
218	218	Shell-Thick	946	SLV_Ex	Combination		-138.23	1.86
219	219	Shell-Thick	946	SLU_ENV	Combination	Max	7.107E-02	6.9
219	219	Shell-Thick	961	SLU_ENV	Combination	Max	-2.35	5.12
219	219	Shell-Thick	962	SLU_ENV	Combination	Max	-2.83	-1.02
219	219	Shell-Thick	947	SLU_ENV	Combination	Max	-0.41	-0.16
219	219	Shell-Thick	946	SLU_ENV	Combination	Min	-20.86	1.87
219	219	Shell-Thick	961	SLU_ENV	Combination	Min	-29.9	1.36
219	219	Shell-Thick	962	SLU_ENV	Combination	Min	-31.71	-3.96
219	219	Shell-Thick	947	SLU_ENV	Combination	Min	-22.67	-2.53
219	219	Shell-Thick	946	SLV_Ex	Combination		-139.04	1.7
219	219	Shell-Thick	961	SLV_Ex	Combination		-184.32	-7.35
219	219	Shell-Thick	962	SLV_Ex	Combination		-183.83	-4.94
219	219	Shell-Thick	947	SLV_Ex	Combination		-138.55	4.12
220	220	Shell-Thick	947	SLU_ENV	Combination	Max	0.22	2.274E-02
220	220	Shell-Thick	962	SLU_ENV	Combination	Max	2.94	0.37
220	220	Shell-Thick	963	SLU_ENV	Combination	Max	4.09	21.71
220	220	Shell-Thick	948	SLU_ENV	Combination	Max	1.37	19.75
220	220	Shell-Thick	947	SLU_ENV	Combination	Min	-20.88	-2.23
220	220	Shell-Thick	962	SLU_ENV	Combination	Min	-11.06	-7.533E-02
220	220	Shell-Thick	963	SLU_ENV	Combination	Min	-6.75	5.88
220	220	Shell-Thick	948	SLU_ENV	Combination	Min	-16.57	5.34
220	220	Shell-Thick	947	SLV_Ex	Combination		-125.15	6.8
220	220	Shell-Thick	962	SLV_Ex	Combination		-235.53	-15.28
220	220	Shell-Thick	963	SLV_Ex	Combination		-239.19	-33.59
220	220	Shell-Thick	948	SLV_Ex	Combination		-128.81	-11.52
221	221	Shell-Thick	948	SLU_ENV	Combination	Max	-12.28	10.54
221	221	Shell-Thick	963	SLU_ENV	Combination	Max	92.56	41.01
221	221	Shell-Thick	964	SLU_ENV	Combination	Max	88.54	20.46
221	221	Shell-Thick	949	SLU_ENV	Combination	Max	-13.15	-1.72
221	221	Shell-Thick	948	SLU_ENV	Combination	Min	-62.62	2.61
221	221	Shell-Thick	963	SLU_ENV	Combination	Min	29.14	11.46
221	221	Shell-Thick	964	SLU_ENV	Combination	Min	27.42	3.35
221	221	Shell-Thick	949	SLU_ENV	Combination	Min	-67.49	-13.79

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
221	221	Shell-Thick	948	SLV_Ex	Combination		-61.32	1.98
221	221	Shell-Thick	963	SLV_Ex	Combination		-361.93	-58.14
221	221	Shell-Thick	964	SLV_Ex	Combination		-343.69	33.02
221	221	Shell-Thick	949	SLV_Ex	Combination		-43.09	93.14
222	222	Shell-Thick	348	SLU_ENV	Combination	Max	-16.96	-149.26
222	222	Shell-Thick	347	SLU_ENV	Combination	Max	-16.13	-149.09
222	222	Shell-Thick	365	SLU_ENV	Combination	Max	-16.1	-148.93
222	222	Shell-Thick	366	SLU_ENV	Combination	Max	-16.93	-149.1
222	222	Shell-Thick	348	SLU_ENV	Combination	Min	-56.02	-479.54
222	222	Shell-Thick	347	SLU_ENV	Combination	Min	-49.22	-478.18
222	222	Shell-Thick	365	SLU_ENV	Combination	Min	-46.15	-462.84
222	222	Shell-Thick	366	SLU_ENV	Combination	Min	-52.95	-464.2
222	222	Shell-Thick	348	SLV_Ex	Combination		0.13	-356.35
222	222	Shell-Thick	347	SLV_Ex	Combination		-13.49	-359.07
222	222	Shell-Thick	365	SLV_Ex	Combination		-14.8	-365.62
222	222	Shell-Thick	366	SLV_Ex	Combination		-1.18	-362.9
223	223	Shell-Thick	366	SLU_ENV	Combination	Max	-17.26	-149.16
223	223	Shell-Thick	365	SLU_ENV	Combination	Max	-16.94	-149.1
223	223	Shell-Thick	383	SLU_ENV	Combination	Max	-16.99	-149.33
223	223	Shell-Thick	384	SLU_ENV	Combination	Max	-17.31	-149.39
223	223	Shell-Thick	366	SLU_ENV	Combination	Min	-56.88	-464.99
223	223	Shell-Thick	365	SLU_ENV	Combination	Min	-51.47	-463.9
223	223	Shell-Thick	383	SLU_ENV	Combination	Min	-48.4	-448.54
223	223	Shell-Thick	384	SLU_ENV	Combination	Min	-53.81	-449.62
223	223	Shell-Thick	366	SLV_Ex	Combination		0.34	-362.59
223	223	Shell-Thick	365	SLV_Ex	Combination		-13.04	-365.27
223	223	Shell-Thick	383	SLV_Ex	Combination		-13.34	-366.75
223	223	Shell-Thick	384	SLV_Ex	Combination		4.786E-02	-364.08
224	224	Shell-Thick	384	SLU_ENV	Combination	Max	-17.47	-149.43
224	224	Shell-Thick	383	SLU_ENV	Combination	Max	-17.32	-149.4
224	224	Shell-Thick	401	SLU_ENV	Combination	Max	-17.35	-149.59
224	224	Shell-Thick	402	SLU_ENV	Combination	Max	-17.51	-149.62
224	224	Shell-Thick	384	SLU_ENV	Combination	Min	-56.66	-450.19
224	224	Shell-Thick	383	SLU_ENV	Combination	Min	-52.33	-449.32
224	224	Shell-Thick	401	SLU_ENV	Combination	Min	-49.35	-434.46
224	224	Shell-Thick	402	SLU_ENV	Combination	Min	-53.68	-435.33
224	224	Shell-Thick	384	SLV_Ex	Combination		1.22	-363.84
224	224	Shell-Thick	383	SLV_Ex	Combination		-13.21	-366.73
224	224	Shell-Thick	401	SLV_Ex	Combination		-13.65	-368.96
224	224	Shell-Thick	402	SLV_Ex	Combination		0.77	-366.07
225	225	Shell-Thick	402	SLU_ENV	Combination	Max	-17.51	-149.62
225	225	Shell-Thick	401	SLU_ENV	Combination	Max	-17.36	-149.59
225	225	Shell-Thick	419	SLU_ENV	Combination	Max	-17.38	-149.67
225	225	Shell-Thick	420	SLU_ENV	Combination	Max	-17.53	-149.7
225	225	Shell-Thick	402	SLU_ENV	Combination	Min	-55.89	-435.77
225	225	Shell-Thick	401	SLU_ENV	Combination	Min	-51.69	-434.93
225	225	Shell-Thick	419	SLU_ENV	Combination	Min	-48.69	-419.95
225	225	Shell-Thick	420	SLU_ENV	Combination	Min	-52.89	-420.79
225	225	Shell-Thick	402	SLV_Ex	Combination		1.01	-366.03
225	225	Shell-Thick	401	SLV_Ex	Combination		-13.59	-368.95
225	225	Shell-Thick	419	SLV_Ex	Combination		-13.55	-368.76
225	225	Shell-Thick	420	SLV_Ex	Combination		1.05	-365.84
226	226	Shell-Thick	420	SLU_ENV	Combination	Max	-17.38	-149.67
226	226	Shell-Thick	419	SLU_ENV	Combination	Max	-17.09	-149.61

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
226	226	Shell-Thick	437	SLU_ENV	Combination	Max	-17.09	-149.59
226	226	Shell-Thick	438	SLU_ENV	Combination	Max	-17.37	-149.64
226	226	Shell-Thick	420	SLU_ENV	Combination	Min	-54.05	-421.02
226	226	Shell-Thick	419	SLU_ENV	Combination	Min	-49.65	-420.14
226	226	Shell-Thick	437	SLU_ENV	Combination	Min	-46.81	-405.97
226	226	Shell-Thick	438	SLU_ENV	Combination	Min	-51.22	-406.85
226	226	Shell-Thick	420	SLV_Ex	Combination		0.17	-366.01
226	226	Shell-Thick	419	SLV_Ex	Combination		-13.28	-368.7
226	226	Shell-Thick	437	SLV_Ex	Combination		-13.45	-369.56
226	226	Shell-Thick	438	SLV_Ex	Combination		3.402E-03	-366.87
227	227	Shell-Thick	438	SLU_ENV	Combination	Max	-17.	-149.57
227	227	Shell-Thick	437	SLU_ENV	Combination	Max	-16.47	-149.46
227	227	Shell-Thick	455	SLU_ENV	Combination	Max	-16.46	-149.44
227	227	Shell-Thick	456	SLU_ENV	Combination	Max	-17.	-149.55
227	227	Shell-Thick	438	SLU_ENV	Combination	Min	-51.03	-406.81
227	227	Shell-Thick	437	SLU_ENV	Combination	Min	-46.28	-405.86
227	227	Shell-Thick	455	SLU_ENV	Combination	Min	-43.53	-392.12
227	227	Shell-Thick	456	SLU_ENV	Combination	Min	-48.28	-393.07
227	227	Shell-Thick	438	SLV_Ex	Combination		4.501E-02	-366.86
227	227	Shell-Thick	437	SLV_Ex	Combination		-15.01	-369.87
227	227	Shell-Thick	455	SLV_Ex	Combination		-14.16	-365.61
227	227	Shell-Thick	456	SLV_Ex	Combination		0.9	-362.6
228	228	Shell-Thick	456	SLU_ENV	Combination	Max	-16.53	-149.45
228	228	Shell-Thick	455	SLU_ENV	Combination	Max	-15.02	-149.15
228	228	Shell-Thick	473	SLU_ENV	Combination	Max	-15.03	-149.18
228	228	Shell-Thick	474	SLU_ENV	Combination	Max	-16.53	-149.48
228	228	Shell-Thick	456	SLU_ENV	Combination	Min	-47.53	-392.92
228	228	Shell-Thick	455	SLU_ENV	Combination	Min	-40.02	-391.42
228	228	Shell-Thick	473	SLU_ENV	Combination	Min	-37.46	-378.6
228	228	Shell-Thick	474	SLU_ENV	Combination	Min	-44.96	-380.1
228	228	Shell-Thick	456	SLV_Ex	Combination		-6.6	-364.1
228	228	Shell-Thick	455	SLV_Ex	Combination		-15.07	-365.79
228	228	Shell-Thick	473	SLV_Ex	Combination		-13.97	-360.29
228	228	Shell-Thick	474	SLV_Ex	Combination		-5.5	-358.59
229	229	Shell-Thick	474	SLU_ENV	Combination	Max	-15.64	-149.3
229	229	Shell-Thick	473	SLU_ENV	Combination	Max	-12.49	-148.67
229	229	Shell-Thick	491	SLU_ENV	Combination	Max	-12.81	-150.27
229	229	Shell-Thick	492	SLU_ENV	Combination	Max	-15.96	-150.91
229	229	Shell-Thick	474	SLU_ENV	Combination	Min	-42.21	-379.55
229	229	Shell-Thick	473	SLU_ENV	Combination	Min	-31.9	-377.49
229	229	Shell-Thick	491	SLU_ENV	Combination	Min	-29.77	-366.88
229	229	Shell-Thick	492	SLU_ENV	Combination	Min	-40.09	-368.93
229	229	Shell-Thick	474	SLV_Ex	Combination		-14.41	-360.37
229	229	Shell-Thick	473	SLV_Ex	Combination		-25.23	-362.54
229	229	Shell-Thick	491	SLV_Ex	Combination		-21.98	-346.3
229	229	Shell-Thick	492	SLV_Ex	Combination		-11.16	-344.14
230	230	Shell-Thick	492	SLU_ENV	Combination	Max	-12.98	-150.32
230	230	Shell-Thick	491	SLU_ENV	Combination	Max	-5.98	-148.92
230	230	Shell-Thick	509	SLU_ENV	Combination	Max	-5.88	-138.22
230	230	Shell-Thick	510	SLU_ENV	Combination	Max	-11.52	-139.35
230	230	Shell-Thick	492	SLU_ENV	Combination	Min	-34.2	-367.75
230	230	Shell-Thick	491	SLU_ENV	Combination	Min	-14.63	-363.84
230	230	Shell-Thick	509	SLU_ENV	Combination	Min	-16.12	-381.5
230	230	Shell-Thick	510	SLU_ENV	Combination	Min	-37.04	-385.68

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
230	230	Shell-Thick	492	SLV_Ex	Combination		-42.22	-350.35
230	230	Shell-Thick	491	SLV_Ex	Combination		-9.68	-343.84
230	230	Shell-Thick	509	SLV_Ex	Combination		-18.19	-386.39
230	230	Shell-Thick	510	SLV_Ex	Combination		-50.73	-392.9
231	231	Shell-Thick	975	SLU_ENV	Combination	Max	159.73	29.39
231	231	Shell-Thick	974	SLU_ENV	Combination	Max	-13.08	-1.76
231	231	Shell-Thick	976	SLU_ENV	Combination	Max	-12.29	13.64
231	231	Shell-Thick	977	SLU_ENV	Combination	Max	168.16	71.54
231	231	Shell-Thick	975	SLU_ENV	Combination	Min	33.51	7.56
231	231	Shell-Thick	974	SLU_ENV	Combination	Min	-129.74	-28.5
231	231	Shell-Thick	976	SLU_ENV	Combination	Min	-121.31	2.18
231	231	Shell-Thick	977	SLU_ENV	Combination	Min	34.3	11.5
231	231	Shell-Thick	975	SLV_Ex	Combination		78.49	-41.28
231	231	Shell-Thick	974	SLV_Ex	Combination		-263.93	-109.76
231	231	Shell-Thick	976	SLV_Ex	Combination		-238.86	15.56
231	231	Shell-Thick	977	SLV_Ex	Combination		103.56	84.04
232	232	Shell-Thick	977	SLU_ENV	Combination	Max	3.24	35.01
232	232	Shell-Thick	976	SLU_ENV	Combination	Max	2.23	31.77
232	232	Shell-Thick	978	SLU_ENV	Combination	Max	1.16	-0.22
232	232	Shell-Thick	979	SLU_ENV	Combination	Max	2.18	-2.004E-02
232	232	Shell-Thick	977	SLU_ENV	Combination	Min	-14.47	5.29
232	232	Shell-Thick	976	SLU_ENV	Combination	Min	-30.69	5.08
232	232	Shell-Thick	978	SLU_ENV	Combination	Min	-37.75	-3.57
232	232	Shell-Thick	979	SLU_ENV	Combination	Min	-21.54	-0.33
232	232	Shell-Thick	977	SLV_Ex	Combination		-73.95	48.54
232	232	Shell-Thick	976	SLV_Ex	Combination		-135.23	36.28
232	232	Shell-Thick	978	SLV_Ex	Combination		-144.59	-10.54
232	232	Shell-Thick	979	SLV_Ex	Combination		-83.32	1.71
233	233	Shell-Thick	979	SLU_ENV	Combination	Max	-3.07	-1.07
233	233	Shell-Thick	978	SLU_ENV	Combination	Max	-0.58	-0.57
233	233	Shell-Thick	980	SLU_ENV	Combination	Max	-0.13	9.86
233	233	Shell-Thick	981	SLU_ENV	Combination	Max	-2.63	8.09
233	233	Shell-Thick	979	SLU_ENV	Combination	Min	-53.9	-6.8
233	233	Shell-Thick	978	SLU_ENV	Combination	Min	-45.06	-5.03
233	233	Shell-Thick	980	SLU_ENV	Combination	Min	-42.08	1.67
233	233	Shell-Thick	981	SLU_ENV	Combination	Min	-50.92	1.17
233	233	Shell-Thick	979	SLV_Ex	Combination		-127.14	-7.05
233	233	Shell-Thick	978	SLV_Ex	Combination		-141.64	-9.95
233	233	Shell-Thick	980	SLV_Ex	Combination		-138.52	5.66
233	233	Shell-Thick	981	SLV_Ex	Combination		-124.02	8.56
234	234	Shell-Thick	981	SLU_ENV	Combination	Max	-4.28	5.98
234	234	Shell-Thick	980	SLU_ENV	Combination	Max	-1.	9.02
234	234	Shell-Thick	982	SLU_ENV	Combination	Max	-1.33	-0.19
234	234	Shell-Thick	983	SLU_ENV	Combination	Max	-4.62	-0.84
234	234	Shell-Thick	981	SLU_ENV	Combination	Min	-61.47	0.84
234	234	Shell-Thick	980	SLU_ENV	Combination	Min	-46.31	1.49
234	234	Shell-Thick	982	SLU_ENV	Combination	Min	-48.5	-1.96
234	234	Shell-Thick	983	SLU_ENV	Combination	Min	-63.67	-4.99
234	234	Shell-Thick	981	SLV_Ex	Combination		-150.08	3.35
234	234	Shell-Thick	980	SLV_Ex	Combination		-142.6	4.84
234	234	Shell-Thick	982	SLV_Ex	Combination		-143.65	-0.42
234	234	Shell-Thick	983	SLV_Ex	Combination		-151.13	-1.92
235	235	Shell-Thick	983	SLU_ENV	Combination	Max	-4.62	-0.84
235	235	Shell-Thick	982	SLU_ENV	Combination	Max	-1.33	-0.19

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
235	235	Shell-Thick	984	SLU_ENV	Combination	Max	-1.	9.02
235	235	Shell-Thick	985	SLU_ENV	Combination	Max	-4.28	5.98
235	235	Shell-Thick	983	SLU_ENV	Combination	Min	-63.67	-4.99
235	235	Shell-Thick	982	SLU_ENV	Combination	Min	-48.51	-1.96
235	235	Shell-Thick	984	SLU_ENV	Combination	Min	-46.31	1.49
235	235	Shell-Thick	985	SLU_ENV	Combination	Min	-61.48	0.84
235	235	Shell-Thick	983	SLV_Ex	Combination		-169.91	-5.67
235	235	Shell-Thick	982	SLV_Ex	Combination		-152.71	-2.23
235	235	Shell-Thick	984	SLV_Ex	Combination		-151.85	2.07
235	235	Shell-Thick	985	SLV_Ex	Combination		-169.05	-1.38
236	236	Shell-Thick	985	SLU_ENV	Combination	Max	-2.63	8.09
236	236	Shell-Thick	984	SLU_ENV	Combination	Max	-0.13	9.86
236	236	Shell-Thick	986	SLU_ENV	Combination	Max	-0.58	-0.57
236	236	Shell-Thick	987	SLU_ENV	Combination	Max	-3.07	-1.07
236	236	Shell-Thick	985	SLU_ENV	Combination	Min	-50.93	1.17
236	236	Shell-Thick	984	SLU_ENV	Combination	Min	-42.08	1.67
236	236	Shell-Thick	986	SLU_ENV	Combination	Min	-45.06	-5.03
236	236	Shell-Thick	987	SLU_ENV	Combination	Min	-53.91	-6.8
236	236	Shell-Thick	985	SLV_Ex	Combination		-197.97	-7.16
236	236	Shell-Thick	984	SLV_Ex	Combination		-157.03	1.03
236	236	Shell-Thick	986	SLV_Ex	Combination		-156.19	5.21
236	236	Shell-Thick	987	SLV_Ex	Combination		-197.13	-2.97
237	237	Shell-Thick	987	SLU_ENV	Combination	Max	2.18	-1.974E-02
237	237	Shell-Thick	986	SLU_ENV	Combination	Max	1.16	-0.22
237	237	Shell-Thick	988	SLU_ENV	Combination	Max	2.22	31.77
237	237	Shell-Thick	989	SLU_ENV	Combination	Max	3.24	35.01
237	237	Shell-Thick	987	SLU_ENV	Combination	Min	-21.54	-0.32
237	237	Shell-Thick	986	SLU_ENV	Combination	Min	-37.76	-3.57
237	237	Shell-Thick	988	SLU_ENV	Combination	Min	-30.69	5.08
237	237	Shell-Thick	989	SLU_ENV	Combination	Min	-14.47	5.29
237	237	Shell-Thick	987	SLV_Ex	Combination		-249.04	-13.36
237	237	Shell-Thick	986	SLV_Ex	Combination		-151.09	6.23
237	237	Shell-Thick	988	SLV_Ex	Combination		-155.14	-14.01
237	237	Shell-Thick	989	SLV_Ex	Combination		-253.09	-33.6
238	238	Shell-Thick	989	SLU_ENV	Combination	Max	168.17	71.54
238	238	Shell-Thick	988	SLU_ENV	Combination	Max	-12.29	13.64
238	238	Shell-Thick	990	SLU_ENV	Combination	Max	-13.08	-1.76
238	238	Shell-Thick	991	SLU_ENV	Combination	Max	159.74	29.39
238	238	Shell-Thick	989	SLU_ENV	Combination	Min	34.3	11.5
238	238	Shell-Thick	988	SLU_ENV	Combination	Min	-121.32	2.18
238	238	Shell-Thick	990	SLU_ENV	Combination	Min	-129.75	-28.5
238	238	Shell-Thick	991	SLU_ENV	Combination	Min	33.51	7.56
238	238	Shell-Thick	989	SLV_Ex	Combination		-397.03	-62.39
238	238	Shell-Thick	988	SLV_Ex	Combination		-81.02	0.81
238	238	Shell-Thick	990	SLV_Ex	Combination		-63.28	89.52
238	238	Shell-Thick	991	SLV_Ex	Combination		-379.29	26.31
239	239	Shell-Thick	510	SLU_ENV	Combination	Max	0.9	-137.37
239	239	Shell-Thick	509	SLU_ENV	Combination	Max	-5.19	-138.38
239	239	Shell-Thick	527	SLU_ENV	Combination	Max	-1.23	-111.25
239	239	Shell-Thick	528	SLU_ENV	Combination	Max	4.02	-110.25
239	239	Shell-Thick	510	SLU_ENV	Combination	Min	-2.62	-378.29
239	239	Shell-Thick	509	SLU_ENV	Combination	Min	-12.27	-380.43
239	239	Shell-Thick	527	SLU_ENV	Combination	Min	-8.49	-368.87
239	239	Shell-Thick	528	SLU_ENV	Combination	Min	1.99	-366.72

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
239	239	Shell-Thick	510	SLV_Ex	Combination		-10.28	-384.81
239	239	Shell-Thick	509	SLV_Ex	Combination		-5.89	-383.93
239	239	Shell-Thick	527	SLV_Ex	Combination		-18.01	-444.53
239	239	Shell-Thick	528	SLV_Ex	Combination		-22.4	-445.41
240	240	Shell-Thick	748	SLU_ENV	Combination	Max	0.82	-126.78
240	240	Shell-Thick	747	SLU_ENV	Combination	Max	-0.65	-127.21
240	240	Shell-Thick	731	SLU_ENV	Combination	Max	-1.04	-134.53
240	240	Shell-Thick	732	SLU_ENV	Combination	Max	-0.64	-134.11
240	240	Shell-Thick	748	SLU_ENV	Combination	Min	-2.99	-497.27
240	240	Shell-Thick	747	SLU_ENV	Combination	Min	-1.59	-496.86
240	240	Shell-Thick	731	SLU_ENV	Combination	Min	-4.6	-506.54
240	240	Shell-Thick	732	SLU_ENV	Combination	Min	-4.92	-506.95
240	240	Shell-Thick	748	SLV_Ex	Combination		-0.25	-352.87
240	240	Shell-Thick	747	SLV_Ex	Combination		-1.51	-353.12
240	240	Shell-Thick	731	SLV_Ex	Combination		-1.69	-354.05
240	240	Shell-Thick	732	SLV_Ex	Combination		-0.44	-353.8
241	241	Shell-Thick	732	SLU_ENV	Combination	Max	-2.09	-134.4
241	241	Shell-Thick	731	SLU_ENV	Combination	Max	-5.06	-134.99
241	241	Shell-Thick	715	SLU_ENV	Combination	Max	-5.16	-135.48
241	241	Shell-Thick	716	SLU_ENV	Combination	Max	-2.19	-134.89
241	241	Shell-Thick	732	SLU_ENV	Combination	Min	-12.14	-508.39
241	241	Shell-Thick	731	SLU_ENV	Combination	Min	-15.1	-508.98
241	241	Shell-Thick	715	SLU_ENV	Combination	Min	-12.62	-496.59
241	241	Shell-Thick	716	SLU_ENV	Combination	Min	-9.66	-496.
241	241	Shell-Thick	732	SLV_Ex	Combination		-11.06	-355.93
241	241	Shell-Thick	731	SLV_Ex	Combination		-9.22	-355.56
241	241	Shell-Thick	715	SLV_Ex	Combination		-7.99	-349.42
241	241	Shell-Thick	716	SLV_Ex	Combination		-9.83	-349.79
242	242	Shell-Thick	716	SLU_ENV	Combination	Max	-8.71	-136.19
242	242	Shell-Thick	715	SLU_ENV	Combination	Max	-7.72	-135.99
242	242	Shell-Thick	328	SLU_ENV	Combination	Max	-7.2	-133.42
242	242	Shell-Thick	329	SLU_ENV	Combination	Max	-8.2	-133.62
242	242	Shell-Thick	716	SLU_ENV	Combination	Min	-34.97	-501.06
242	242	Shell-Thick	715	SLU_ENV	Combination	Min	-22.49	-498.56
242	242	Shell-Thick	328	SLU_ENV	Combination	Min	-18.05	-476.33
242	242	Shell-Thick	329	SLU_ENV	Combination	Min	-30.52	-478.82
242	242	Shell-Thick	716	SLV_Ex	Combination		-23.92	-352.6
242	242	Shell-Thick	715	SLV_Ex	Combination		-9.8	-349.78
242	242	Shell-Thick	328	SLV_Ex	Combination		-8.15	-341.55
242	242	Shell-Thick	329	SLV_Ex	Combination		-22.27	-344.37
243	243	Shell-Thick	329	SLU_ENV	Combination	Max	-11.21	-134.22
243	243	Shell-Thick	328	SLU_ENV	Combination	Max	-11.15	-134.21
243	243	Shell-Thick	346	SLU_ENV	Combination	Max	-10.81	-132.51
243	243	Shell-Thick	347	SLU_ENV	Combination	Max	-10.87	-132.52
243	243	Shell-Thick	329	SLU_ENV	Combination	Min	-40.86	-480.89
243	243	Shell-Thick	328	SLU_ENV	Combination	Min	-35.3	-479.78
243	243	Shell-Thick	346	SLU_ENV	Combination	Min	-31.1	-458.8
243	243	Shell-Thick	347	SLU_ENV	Combination	Min	-36.66	-459.91
243	243	Shell-Thick	329	SLV_Ex	Combination		-12.49	-342.42
243	243	Shell-Thick	328	SLV_Ex	Combination		-16.8	-343.28
243	243	Shell-Thick	346	SLV_Ex	Combination		-17.9	-348.8
243	243	Shell-Thick	347	SLV_Ex	Combination		-13.59	-347.93
244	244	Shell-Thick	347	SLU_ENV	Combination	Max	-12.89	-132.93
244	244	Shell-Thick	346	SLU_ENV	Combination	Max	-13.03	-132.95

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
244	244	Shell-Thick	364	SLU_ENV	Combination	Max	-12.89	-132.24
244	244	Shell-Thick	365	SLU_ENV	Combination	Max	-12.75	-132.22
244	244	Shell-Thick	347	SLU_ENV	Combination	Min	-45.93	-461.77
244	244	Shell-Thick	346	SLU_ENV	Combination	Min	-41.99	-460.98
244	244	Shell-Thick	364	SLU_ENV	Combination	Min	-38.04	-441.23
244	244	Shell-Thick	365	SLU_ENV	Combination	Min	-41.99	-442.02
244	244	Shell-Thick	347	SLV_Ex	Combination		-11.17	-347.45
244	244	Shell-Thick	346	SLV_Ex	Combination		-22.34	-349.68
244	244	Shell-Thick	364	SLV_Ex	Combination		-22.07	-348.37
244	244	Shell-Thick	365	SLV_Ex	Combination		-10.9	-346.13
245	245	Shell-Thick	365	SLU_ENV	Combination	Max	-13.6	-132.38
245	245	Shell-Thick	364	SLU_ENV	Combination	Max	-13.97	-132.46
245	245	Shell-Thick	382	SLU_ENV	Combination	Max	-13.96	-132.4
245	245	Shell-Thick	383	SLU_ENV	Combination	Max	-13.59	-132.33
245	245	Shell-Thick	365	SLU_ENV	Combination	Min	-47.31	-443.09
245	245	Shell-Thick	364	SLU_ENV	Combination	Min	-44.78	-442.58
245	245	Shell-Thick	382	SLU_ENV	Combination	Min	-41.44	-425.88
245	245	Shell-Thick	383	SLU_ENV	Combination	Min	-43.96	-426.38
245	245	Shell-Thick	365	SLV_Ex	Combination		-9.14	-345.78
245	245	Shell-Thick	364	SLV_Ex	Combination		-23.44	-348.64
245	245	Shell-Thick	382	SLV_Ex	Combination		-24.04	-351.61
245	245	Shell-Thick	383	SLV_Ex	Combination		-9.74	-348.75
246	246	Shell-Thick	383	SLU_ENV	Combination	Max	-13.92	-132.4
246	246	Shell-Thick	382	SLU_ENV	Combination	Max	-14.34	-132.48
246	246	Shell-Thick	400	SLU_ENV	Combination	Max	-14.35	-132.53
246	246	Shell-Thick	401	SLU_ENV	Combination	Max	-13.92	-132.44
246	246	Shell-Thick	383	SLU_ENV	Combination	Min	-47.89	-427.17
246	246	Shell-Thick	382	SLU_ENV	Combination	Min	-45.41	-426.67
246	246	Shell-Thick	400	SLU_ENV	Combination	Min	-42.11	-410.17
246	246	Shell-Thick	401	SLU_ENV	Combination	Min	-44.59	-410.67
246	246	Shell-Thick	383	SLV_Ex	Combination		-9.61	-348.73
246	246	Shell-Thick	382	SLV_Ex	Combination		-24.17	-351.64
246	246	Shell-Thick	400	SLV_Ex	Combination		-24.12	-351.36
246	246	Shell-Thick	401	SLV_Ex	Combination		-9.55	-348.44
247	247	Shell-Thick	974	SLU_ENV	Combination	Max	-12.6	0.63
247	247	Shell-Thick	780	SLU_ENV	Combination	Max	-3.71	2.74
247	247	Shell-Thick	782	SLU_ENV	Combination	Max	-2.32	51.94
247	247	Shell-Thick	976	SLU_ENV	Combination	Max	-11.21	40.13
247	247	Shell-Thick	974	SLU_ENV	Combination	Min	-127.53	-17.46
247	247	Shell-Thick	780	SLU_ENV	Combination	Min	-68.51	-5.98
247	247	Shell-Thick	782	SLU_ENV	Combination	Min	-56.99	9.35
247	247	Shell-Thick	976	SLU_ENV	Combination	Min	-116.01	7.58
247	247	Shell-Thick	974	SLV_Ex	Combination		-261.87	-99.46
247	247	Shell-Thick	780	SLV_Ex	Combination		-182.16	-83.52
247	247	Shell-Thick	782	SLV_Ex	Combination		-158.06	36.96
247	247	Shell-Thick	976	SLV_Ex	Combination		-237.77	21.02
248	248	Shell-Thick	976	SLU_ENV	Combination	Max	3.31	58.26
248	248	Shell-Thick	782	SLU_ENV	Combination	Max	-3.65	49.69
248	248	Shell-Thick	784	SLU_ENV	Combination	Max	-5.	12.91
248	248	Shell-Thick	978	SLU_ENV	Combination	Max	1.95	21.49
248	248	Shell-Thick	976	SLU_ENV	Combination	Min	-25.39	10.48
248	248	Shell-Thick	782	SLU_ENV	Combination	Min	-68.25	9.09
248	248	Shell-Thick	784	SLU_ENV	Combination	Min	-75.6	2.32
248	248	Shell-Thick	978	SLU_ENV	Combination	Min	-32.74	3.71

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
248	248	Shell-Thick	976	SLV_Ex	Combination		-134.14	41.75
248	248	Shell-Thick	782	SLV_Ex	Combination		-181.51	32.27
248	248	Shell-Thick	784	SLV_Ex	Combination		-186.94	5.11
248	248	Shell-Thick	978	SLV_Ex	Combination		-139.57	14.59
249	249	Shell-Thick	978	SLU_ENV	Combination	Max	0.21	20.02
249	249	Shell-Thick	784	SLU_ENV	Combination	Max	-0.22	18.92
249	249	Shell-Thick	786	SLU_ENV	Combination	Max	-0.69	4.41
249	249	Shell-Thick	980	SLU_ENV	Combination	Max	-0.26	5.51
249	249	Shell-Thick	978	SLU_ENV	Combination	Min	-40.05	3.36
249	249	Shell-Thick	784	SLU_ENV	Combination	Min	-45.56	3.27
249	249	Shell-Thick	786	SLU_ENV	Combination	Min	-48.46	0.93
249	249	Shell-Thick	980	SLU_ENV	Combination	Min	-42.95	1.01
249	249	Shell-Thick	978	SLV_Ex	Combination		-136.61	15.18
249	249	Shell-Thick	784	SLV_Ex	Combination		-147.78	12.94
249	249	Shell-Thick	786	SLV_Ex	Combination		-150.72	-1.76
249	249	Shell-Thick	980	SLV_Ex	Combination		-139.55	0.47
250	250	Shell-Thick	980	SLU_ENV	Combination	Max	-1.13	4.67
250	250	Shell-Thick	786	SLU_ENV	Combination	Max	-0.42	4.91
250	250	Shell-Thick	788	SLU_ENV	Combination	Max	-0.27	10.17
250	250	Shell-Thick	982	SLU_ENV	Combination	Max	-0.98	9.93
250	250	Shell-Thick	980	SLU_ENV	Combination	Min	-47.18	0.84
250	250	Shell-Thick	786	SLU_ENV	Combination	Min	-45.94	0.98
250	250	Shell-Thick	788	SLU_ENV	Combination	Min	-44.89	1.73
250	250	Shell-Thick	982	SLU_ENV	Combination	Min	-46.13	1.59
250	250	Shell-Thick	980	SLV_Ex	Combination		-143.64	-0.35
250	250	Shell-Thick	786	SLV_Ex	Combination		-141.9	1.619E-03
250	250	Shell-Thick	788	SLV_Ex	Combination		-141.85	0.25
250	250	Shell-Thick	982	SLV_Ex	Combination		-143.59	-9.684E-02
251	251	Shell-Thick	982	SLU_ENV	Combination	Max	-0.98	9.92
251	251	Shell-Thick	788	SLU_ENV	Combination	Max	-0.27	10.17
251	251	Shell-Thick	790	SLU_ENV	Combination	Max	-0.42	4.91
251	251	Shell-Thick	984	SLU_ENV	Combination	Max	-1.13	4.67
251	251	Shell-Thick	982	SLU_ENV	Combination	Min	-46.13	1.59
251	251	Shell-Thick	788	SLU_ENV	Combination	Min	-44.89	1.73
251	251	Shell-Thick	790	SLU_ENV	Combination	Min	-45.94	0.98
251	251	Shell-Thick	984	SLU_ENV	Combination	Min	-47.18	0.84
251	251	Shell-Thick	982	SLV_Ex	Combination		-152.64	-1.91
251	251	Shell-Thick	788	SLV_Ex	Combination		-129.92	2.64
251	251	Shell-Thick	790	SLV_Ex	Combination		-131.05	-3.
251	251	Shell-Thick	984	SLV_Ex	Combination		-153.77	-7.55
252	252	Shell-Thick	984	SLU_ENV	Combination	Max	-0.26	5.51
252	252	Shell-Thick	790	SLU_ENV	Combination	Max	-0.69	4.41
252	252	Shell-Thick	792	SLU_ENV	Combination	Max	-0.22	18.92
252	252	Shell-Thick	986	SLU_ENV	Combination	Max	0.21	20.02
252	252	Shell-Thick	984	SLU_ENV	Combination	Min	-42.95	1.01
252	252	Shell-Thick	790	SLU_ENV	Combination	Min	-48.46	0.93
252	252	Shell-Thick	792	SLU_ENV	Combination	Min	-45.56	3.27
252	252	Shell-Thick	986	SLU_ENV	Combination	Min	-40.05	3.36
252	252	Shell-Thick	984	SLV_Ex	Combination		-158.95	-8.58
252	252	Shell-Thick	790	SLV_Ex	Combination		-120.06	-0.8
252	252	Shell-Thick	792	SLV_Ex	Combination		-121.25	-6.75
252	252	Shell-Thick	986	SLV_Ex	Combination		-160.14	-14.53
253	253	Shell-Thick	986	SLU_ENV	Combination	Max	1.95	21.48
253	253	Shell-Thick	792	SLU_ENV	Combination	Max	-5.	12.91

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
253	253	Shell-Thick	794	SLU_ENV	Combination	Max	-3.65	49.7
253	253	Shell-Thick	988	SLU_ENV	Combination	Max	3.3	58.27
253	253	Shell-Thick	986	SLU_ENV	Combination	Min	-32.75	3.71
253	253	Shell-Thick	792	SLU_ENV	Combination	Min	-75.6	2.32
253	253	Shell-Thick	794	SLU_ENV	Combination	Min	-68.25	9.09
253	253	Shell-Thick	988	SLU_ENV	Combination	Min	-25.39	10.48
253	253	Shell-Thick	986	SLV_Ex	Combination		-155.04	-13.51
253	253	Shell-Thick	792	SLV_Ex	Combination		-89.45	-0.39
253	253	Shell-Thick	794	SLV_Ex	Combination		-93.52	-20.73
253	253	Shell-Thick	988	SLV_Ex	Combination		-159.1	-33.84
254	254	Shell-Thick	988	SLU_ENV	Combination	Max	-11.22	40.14
254	254	Shell-Thick	794	SLU_ENV	Combination	Max	-2.33	51.94
254	254	Shell-Thick	796	SLU_ENV	Combination	Max	-3.72	2.73
254	254	Shell-Thick	990	SLU_ENV	Combination	Max	-12.6	0.63
254	254	Shell-Thick	988	SLU_ENV	Combination	Min	-116.02	7.58
254	254	Shell-Thick	794	SLU_ENV	Combination	Min	-57.	9.36
254	254	Shell-Thick	796	SLU_ENV	Combination	Min	-68.52	-5.97
254	254	Shell-Thick	990	SLU_ENV	Combination	Min	-127.54	-17.45
254	254	Shell-Thick	988	SLV_Ex	Combination		-84.99	-19.02
254	254	Shell-Thick	794	SLV_Ex	Combination		-100.23	-22.07
254	254	Shell-Thick	796	SLV_Ex	Combination		-76.92	94.49
254	254	Shell-Thick	990	SLV_Ex	Combination		-61.68	97.54
255	255	Shell-Thick	401	SLU_ENV	Combination	Max	-13.93	-132.44
255	255	Shell-Thick	400	SLU_ENV	Combination	Max	-14.37	-132.53
255	255	Shell-Thick	418	SLU_ENV	Combination	Max	-14.39	-132.65
255	255	Shell-Thick	419	SLU_ENV	Combination	Max	-13.96	-132.56
255	255	Shell-Thick	401	SLU_ENV	Combination	Min	-46.93	-411.14
255	255	Shell-Thick	400	SLU_ENV	Combination	Min	-44.52	-410.65
255	255	Shell-Thick	418	SLU_ENV	Combination	Min	-41.53	-395.75
255	255	Shell-Thick	419	SLU_ENV	Combination	Min	-43.95	-396.23
255	255	Shell-Thick	401	SLV_Ex	Combination		-9.49	-348.43
255	255	Shell-Thick	400	SLV_Ex	Combination		-24.09	-351.35
255	255	Shell-Thick	418	SLV_Ex	Combination		-24.45	-353.12
255	255	Shell-Thick	419	SLV_Ex	Combination		-9.84	-350.2
256	256	Shell-Thick	419	SLU_ENV	Combination	Max	-13.67	-132.51
256	256	Shell-Thick	418	SLU_ENV	Combination	Max	-14.11	-132.59
256	256	Shell-Thick	436	SLU_ENV	Combination	Max	-14.12	-132.65
256	256	Shell-Thick	437	SLU_ENV	Combination	Max	-13.68	-132.57
256	256	Shell-Thick	419	SLU_ENV	Combination	Min	-44.9	-396.42
256	256	Shell-Thick	418	SLU_ENV	Combination	Min	-42.63	-395.97
256	256	Shell-Thick	436	SLU_ENV	Combination	Min	-39.72	-381.41
256	256	Shell-Thick	437	SLU_ENV	Combination	Min	-41.99	-381.87
256	256	Shell-Thick	419	SLV_Ex	Combination		-9.56	-350.14
256	256	Shell-Thick	418	SLV_Ex	Combination		-24.49	-353.13
256	256	Shell-Thick	436	SLV_Ex	Combination		-24.1	-351.17
256	256	Shell-Thick	437	SLV_Ex	Combination		-9.17	-348.18
257	257	Shell-Thick	437	SLU_ENV	Combination	Max	-13.06	-132.44
257	257	Shell-Thick	436	SLU_ENV	Combination	Max	-13.35	-132.5
257	257	Shell-Thick	454	SLU_ENV	Combination	Max	-13.43	-132.88
257	257	Shell-Thick	455	SLU_ENV	Combination	Max	-13.14	-132.82
257	257	Shell-Thick	437	SLU_ENV	Combination	Min	-41.46	-381.76
257	257	Shell-Thick	436	SLU_ENV	Combination	Min	-39.03	-381.27
257	257	Shell-Thick	454	SLU_ENV	Combination	Min	-36.62	-369.21
257	257	Shell-Thick	455	SLU_ENV	Combination	Min	-39.05	-369.7

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
257	257	Shell-Thick	437	SLV_Ex	Combination		-10.73	-348.5
257	257	Shell-Thick	436	SLV_Ex	Combination		-23.53	-351.05
257	257	Shell-Thick	454	SLV_Ex	Combination		-23.97	-353.26
257	257	Shell-Thick	455	SLV_Ex	Combination		-11.17	-350.7
258	258	Shell-Thick	455	SLU_ENV	Combination	Max	-11.7	-132.53
258	258	Shell-Thick	454	SLU_ENV	Combination	Max	-11.84	-132.56
258	258	Shell-Thick	472	SLU_ENV	Combination	Max	-12.06	-133.63
258	258	Shell-Thick	473	SLU_ENV	Combination	Max	-11.91	-133.6
258	258	Shell-Thick	455	SLU_ENV	Combination	Min	-35.54	-368.99
258	258	Shell-Thick	454	SLU_ENV	Combination	Min	-33.15	-368.52
258	258	Shell-Thick	472	SLU_ENV	Combination	Min	-31.11	-358.3
258	258	Shell-Thick	473	SLU_ENV	Combination	Min	-33.49	-358.78
258	258	Shell-Thick	455	SLV_Ex	Combination		-12.09	-350.88
258	258	Shell-Thick	454	SLV_Ex	Combination		-21.45	-352.75
258	258	Shell-Thick	472	SLV_Ex	Combination		-20.54	-348.18
258	258	Shell-Thick	473	SLV_Ex	Combination		-11.18	-346.31
259	259	Shell-Thick	473	SLU_ENV	Combination	Max	-9.37	-133.09
259	259	Shell-Thick	472	SLU_ENV	Combination	Max	-8.21	-132.86
259	259	Shell-Thick	490	SLU_ENV	Combination	Max	-8.48	-134.62
259	259	Shell-Thick	491	SLU_ENV	Combination	Max	-9.88	-134.9
259	259	Shell-Thick	473	SLU_ENV	Combination	Min	-27.93	-357.67
259	259	Shell-Thick	472	SLU_ENV	Combination	Min	-21.61	-356.4
259	259	Shell-Thick	490	SLU_ENV	Combination	Min	-20.61	-350.96
259	259	Shell-Thick	491	SLU_ENV	Combination	Min	-26.69	-352.17
259	259	Shell-Thick	473	SLV_Ex	Combination		-22.44	-348.56
259	259	Shell-Thick	472	SLV_Ex	Combination		-11.15	-346.31
259	259	Shell-Thick	490	SLV_Ex	Combination		-12.63	-353.74
259	259	Shell-Thick	491	SLV_Ex	Combination		-23.92	-356.
260	260	Shell-Thick	491	SLU_ENV	Combination	Max	-3.1	-133.93
260	260	Shell-Thick	490	SLU_ENV	Combination	Max	-5.58	-134.34
260	260	Shell-Thick	508	SLU_ENV	Combination	Max	-3.97	-118.77
260	260	Shell-Thick	509	SLU_ENV	Combination	Max	-1.9	-118.35
260	260	Shell-Thick	491	SLU_ENV	Combination	Min	-11.49	-348.75
260	260	Shell-Thick	490	SLU_ENV	Combination	Min	-14.08	-349.35
260	260	Shell-Thick	508	SLU_ENV	Combination	Min	-12.75	-350.23
260	260	Shell-Thick	509	SLU_ENV	Combination	Min	-9.75	-349.63
260	260	Shell-Thick	491	SLV_Ex	Combination		-11.62	-353.54
260	260	Shell-Thick	490	SLV_Ex	Combination		-9.21	-353.05
260	260	Shell-Thick	508	SLV_Ex	Combination		-11.33	-363.64
260	260	Shell-Thick	509	SLV_Ex	Combination		-13.74	-364.13
261	261	Shell-Thick	509	SLU_ENV	Combination	Max	-0.92	-118.51
261	261	Shell-Thick	508	SLU_ENV	Combination	Max	-2.95	-118.82
261	261	Shell-Thick	526	SLU_ENV	Combination	Max	0.83	-94.75
261	261	Shell-Thick	527	SLU_ENV	Combination	Max	2.13	-94.44
261	261	Shell-Thick	509	SLU_ENV	Combination	Min	-6.19	-348.57
261	261	Shell-Thick	508	SLU_ENV	Combination	Min	-6.2	-348.67
261	261	Shell-Thick	526	SLU_ENV	Combination	Min	-1.45	-330.11
261	261	Shell-Thick	527	SLU_ENV	Combination	Min	-0.72	-330.01
261	261	Shell-Thick	509	SLV_Ex	Combination		-1.44	-361.66
261	261	Shell-Thick	508	SLV_Ex	Combination		-1.53	-361.68
261	261	Shell-Thick	526	SLV_Ex	Combination		-2.	-364.03
261	261	Shell-Thick	527	SLV_Ex	Combination		-1.9	-364.01
262	262	Shell-Thick	747	SLU_ENV	Combination	Max	5.2	-109.25
262	262	Shell-Thick	746	SLU_ENV	Combination	Max	-2.29	-110.17

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
262	262	Shell-Thick	730	SLU_ENV	Combination	Max	-3.57	-116.57
262	262	Shell-Thick	731	SLU_ENV	Combination	Max	2.62	-115.65
262	262	Shell-Thick	747	SLU_ENV	Combination	Min	2.3	-466.12
262	262	Shell-Thick	746	SLU_ENV	Combination	Min	-7.49	-468.66
262	262	Shell-Thick	730	SLU_ENV	Combination	Min	-10.46	-483.52
262	262	Shell-Thick	731	SLU_ENV	Combination	Min	0.63	-480.98
262	262	Shell-Thick	747	SLV_Ex	Combination		10.14	-294.9
262	262	Shell-Thick	746	SLV_Ex	Combination		-7.49	-298.43
262	262	Shell-Thick	730	SLV_Ex	Combination		-13.71	-329.54
262	262	Shell-Thick	731	SLV_Ex	Combination		3.92	-326.01
263	263	Shell-Thick	731	SLU_ENV	Combination	Max	-1.29	-116.12
263	263	Shell-Thick	730	SLU_ENV	Combination	Max	-3.66	-116.59
263	263	Shell-Thick	714	SLU_ENV	Combination	Max	-2.64	-117.42
263	263	Shell-Thick	715	SLU_ENV	Combination	Max	-1.45	-116.94
263	263	Shell-Thick	731	SLU_ENV	Combination	Min	-9.99	-483.42
263	263	Shell-Thick	730	SLU_ENV	Combination	Min	-7.85	-483.
263	263	Shell-Thick	714	SLU_ENV	Combination	Min	-7.27	-474.19
263	263	Shell-Thick	715	SLU_ENV	Combination	Min	-8.23	-474.62
263	263	Shell-Thick	731	SLV_Ex	Combination		-3.61	-327.52
263	263	Shell-Thick	730	SLV_Ex	Combination		7.33	-325.33
263	263	Shell-Thick	714	SLV_Ex	Combination		4.6	-338.97
263	263	Shell-Thick	715	SLV_Ex	Combination		-6.34	-341.16
264	264	Shell-Thick	715	SLU_ENV	Combination	Max	-4.01	-117.45
264	264	Shell-Thick	714	SLU_ENV	Combination	Max	-7.73	-118.2
264	264	Shell-Thick	327	SLU_ENV	Combination	Max	-7.45	-116.82
264	264	Shell-Thick	328	SLU_ENV	Combination	Max	-3.74	-116.07
264	264	Shell-Thick	715	SLU_ENV	Combination	Min	-18.1	-476.59
264	264	Shell-Thick	714	SLU_ENV	Combination	Min	-25.41	-478.06
264	264	Shell-Thick	327	SLU_ENV	Combination	Min	-21.92	-460.6
264	264	Shell-Thick	328	SLU_ENV	Combination	Min	-14.61	-459.14
264	264	Shell-Thick	715	SLV_Ex	Combination		-8.15	-341.52
264	264	Shell-Thick	714	SLV_Ex	Combination		-5.47	-340.98
264	264	Shell-Thick	327	SLV_Ex	Combination		-5.82	-342.71
264	264	Shell-Thick	328	SLV_Ex	Combination		-8.49	-343.25
265	265	Shell-Thick	328	SLU_ENV	Combination	Max	-7.68	-116.86
265	265	Shell-Thick	327	SLU_ENV	Combination	Max	-9.77	-117.28
265	265	Shell-Thick	345	SLU_ENV	Combination	Max	-9.4	-115.41
265	265	Shell-Thick	346	SLU_ENV	Combination	Max	-7.31	-114.99
265	265	Shell-Thick	328	SLU_ENV	Combination	Min	-31.86	-462.59
265	265	Shell-Thick	327	SLU_ENV	Combination	Min	-35.18	-463.25
265	265	Shell-Thick	345	SLU_ENV	Combination	Min	-29.97	-437.16
265	265	Shell-Thick	346	SLU_ENV	Combination	Min	-26.64	-436.5
265	265	Shell-Thick	328	SLV_Ex	Combination		-17.14	-344.98
265	265	Shell-Thick	327	SLV_Ex	Combination		-27.49	-347.05
265	265	Shell-Thick	345	SLV_Ex	Combination		-24.57	-332.43
265	265	Shell-Thick	346	SLV_Ex	Combination		-14.22	-330.36
266	266	Shell-Thick	346	SLU_ENV	Combination	Max	-9.53	-115.43
266	266	Shell-Thick	345	SLU_ENV	Combination	Max	-10.94	-115.71
266	266	Shell-Thick	363	SLU_ENV	Combination	Max	-10.85	-115.24
266	266	Shell-Thick	364	SLU_ENV	Combination	Max	-9.43	-114.95
266	266	Shell-Thick	346	SLU_ENV	Combination	Min	-37.53	-438.67
266	266	Shell-Thick	345	SLU_ENV	Combination	Min	-38.52	-438.87
266	266	Shell-Thick	363	SLU_ENV	Combination	Min	-34.64	-419.47
266	266	Shell-Thick	364	SLU_ENV	Combination	Min	-33.65	-419.27

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
266	266	Shell-Thick	346	SLV_Ex	Combination		-18.65	-331.25
266	266	Shell-Thick	345	SLV_Ex	Combination		-32.19	-333.95
266	266	Shell-Thick	363	SLV_Ex	Combination		-32.38	-334.87
266	266	Shell-Thick	364	SLV_Ex	Combination		-18.83	-332.16
267	267	Shell-Thick	364	SLU_ENV	Combination	Max	-10.51	-115.17
267	267	Shell-Thick	363	SLU_ENV	Combination	Max	-11.59	-115.39
267	267	Shell-Thick	381	SLU_ENV	Combination	Max	-11.55	-115.17
267	267	Shell-Thick	382	SLU_ENV	Combination	Max	-10.47	-114.95
267	267	Shell-Thick	364	SLU_ENV	Combination	Min	-40.39	-420.62
267	267	Shell-Thick	363	SLU_ENV	Combination	Min	-40.24	-420.59
267	267	Shell-Thick	381	SLU_ENV	Combination	Min	-36.39	-401.33
267	267	Shell-Thick	382	SLU_ENV	Combination	Min	-36.54	-401.36
267	267	Shell-Thick	364	SLV_Ex	Combination		-20.2	-332.43
267	267	Shell-Thick	363	SLV_Ex	Combination		-35.22	-335.43
267	267	Shell-Thick	381	SLV_Ex	Combination		-34.92	-333.96
267	267	Shell-Thick	382	SLV_Ex	Combination		-19.91	-330.96
268	268	Shell-Thick	382	SLU_ENV	Combination	Max	-10.85	-115.03
268	268	Shell-Thick	381	SLU_ENV	Combination	Max	-11.85	-115.23
268	268	Shell-Thick	399	SLU_ENV	Combination	Max	-11.87	-115.32
268	268	Shell-Thick	400	SLU_ENV	Combination	Max	-10.87	-115.12
268	268	Shell-Thick	382	SLU_ENV	Combination	Min	-40.51	-402.16
268	268	Shell-Thick	381	SLU_ENV	Combination	Min	-39.67	-401.99
268	268	Shell-Thick	399	SLU_ENV	Combination	Min	-36.41	-385.67
268	268	Shell-Thick	400	SLU_ENV	Combination	Min	-37.24	-385.84
268	268	Shell-Thick	382	SLV_Ex	Combination		-20.04	-330.99
268	268	Shell-Thick	381	SLV_Ex	Combination		-35.27	-334.03
268	268	Shell-Thick	399	SLV_Ex	Combination		-35.67	-336.06
268	268	Shell-Thick	400	SLV_Ex	Combination		-20.45	-333.01
269	269	Shell-Thick	400	SLU_ENV	Combination	Max	-10.89	-115.13
269	269	Shell-Thick	399	SLU_ENV	Combination	Max	-11.89	-115.33
269	269	Shell-Thick	417	SLU_ENV	Combination	Max	-11.89	-115.32
269	269	Shell-Thick	418	SLU_ENV	Combination	Max	-10.89	-115.12
269	269	Shell-Thick	400	SLU_ENV	Combination	Min	-39.65	-386.32
269	269	Shell-Thick	399	SLU_ENV	Combination	Min	-38.31	-386.05
269	269	Shell-Thick	417	SLU_ENV	Combination	Min	-35.11	-370.04
269	269	Shell-Thick	418	SLU_ENV	Combination	Min	-36.45	-370.3
269	269	Shell-Thick	400	SLV_Ex	Combination		-20.42	-333.01
269	269	Shell-Thick	399	SLV_Ex	Combination		-35.7	-336.06
269	269	Shell-Thick	417	SLV_Ex	Combination		-35.44	-334.79
269	269	Shell-Thick	418	SLV_Ex	Combination		-20.17	-331.74
270	270	Shell-Thick	418	SLU_ENV	Combination	Max	-10.6	-115.06
270	270	Shell-Thick	417	SLU_ENV	Combination	Max	-11.67	-115.27
270	270	Shell-Thick	435	SLU_ENV	Combination	Max	-11.7	-115.46
270	270	Shell-Thick	436	SLU_ENV	Combination	Max	-10.64	-115.24
270	270	Shell-Thick	418	SLU_ENV	Combination	Min	-37.54	-370.52
270	270	Shell-Thick	417	SLU_ENV	Combination	Min	-36.31	-370.28
270	270	Shell-Thick	435	SLU_ENV	Combination	Min	-33.51	-356.26
270	270	Shell-Thick	436	SLU_ENV	Combination	Min	-34.74	-356.51
270	270	Shell-Thick	418	SLV_Ex	Combination		-20.22	-331.75
270	270	Shell-Thick	417	SLV_Ex	Combination		-35.53	-334.81
270	270	Shell-Thick	435	SLV_Ex	Combination		-35.93	-336.77
270	270	Shell-Thick	436	SLV_Ex	Combination		-20.61	-333.7
271	271	Shell-Thick	436	SLU_ENV	Combination	Max	-9.87	-115.09
271	271	Shell-Thick	435	SLU_ENV	Combination	Max	-11.14	-115.34

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
271	271	Shell-Thick	453	SLU_ENV	Combination	Max	-11.18	-115.54
271	271	Shell-Thick	454	SLU_ENV	Combination	Max	-9.91	-115.28
271	271	Shell-Thick	436	SLU_ENV	Combination	Min	-34.05	-356.37
271	271	Shell-Thick	435	SLU_ENV	Combination	Min	-33.88	-356.34
271	271	Shell-Thick	453	SLU_ENV	Combination	Min	-31.21	-343.01
271	271	Shell-Thick	454	SLU_ENV	Combination	Min	-31.38	-343.05
271	271	Shell-Thick	436	SLV_Ex	Combination		-20.03	-333.59
271	271	Shell-Thick	435	SLV_Ex	Combination		-34.17	-336.42
271	271	Shell-Thick	453	SLV_Ex	Combination		-33.76	-334.35
271	271	Shell-Thick	454	SLV_Ex	Combination		-19.62	-331.52
272	272	Shell-Thick	454	SLU_ENV	Combination	Max	-8.32	-114.96
272	272	Shell-Thick	453	SLU_ENV	Combination	Max	-10.03	-115.31
272	272	Shell-Thick	471	SLU_ENV	Combination	Max	-10.31	-116.73
272	272	Shell-Thick	472	SLU_ENV	Combination	Max	-8.61	-116.39
272	272	Shell-Thick	454	SLU_ENV	Combination	Min	-27.92	-342.35
272	272	Shell-Thick	453	SLU_ENV	Combination	Min	-29.77	-342.72
272	272	Shell-Thick	471	SLU_ENV	Combination	Min	-28.28	-335.25
272	272	Shell-Thick	472	SLU_ENV	Combination	Min	-26.42	-334.88
272	272	Shell-Thick	454	SLV_Ex	Combination		-17.1	-331.02
272	272	Shell-Thick	453	SLV_Ex	Combination		-30.02	-333.6
272	272	Shell-Thick	471	SLV_Ex	Combination		-32.63	-346.63
272	272	Shell-Thick	472	SLV_Ex	Combination		-19.71	-344.05
273	273	Shell-Thick	472	SLU_ENV	Combination	Max	-4.77	-115.62
273	273	Shell-Thick	471	SLU_ENV	Combination	Max	-8.17	-116.3
273	273	Shell-Thick	489	SLU_ENV	Combination	Max	-7.03	-117.59
273	273	Shell-Thick	490	SLU_ENV	Combination	Max	-4.99	-117.18
273	273	Shell-Thick	472	SLU_ENV	Combination	Min	-16.92	-332.98
273	273	Shell-Thick	471	SLU_ENV	Combination	Min	-22.17	-334.03
273	273	Shell-Thick	489	SLU_ENV	Combination	Min	-22.38	-328.07
273	273	Shell-Thick	490	SLU_ENV	Combination	Min	-15.76	-326.75
273	273	Shell-Thick	472	SLV_Ex	Combination		-10.32	-342.17
273	273	Shell-Thick	471	SLV_Ex	Combination		-12.3	-342.57
273	273	Shell-Thick	489	SLV_Ex	Combination		-13.45	-348.28
273	273	Shell-Thick	490	SLV_Ex	Combination		-11.46	-347.88
274	274	Shell-Thick	490	SLU_ENV	Combination	Max	-1.95	-116.85
274	274	Shell-Thick	489	SLU_ENV	Combination	Max	-4.26	-117.11
274	274	Shell-Thick	507	SLU_ENV	Combination	Max	-1.74	-102.77
274	274	Shell-Thick	508	SLU_ENV	Combination	Max	-0.73	-102.57
274	274	Shell-Thick	490	SLU_ENV	Combination	Min	-9.38	-325.2
274	274	Shell-Thick	489	SLU_ENV	Combination	Min	-9.3	-325.39
274	274	Shell-Thick	507	SLU_ENV	Combination	Min	-8.87	-324.95
274	274	Shell-Thick	508	SLU_ENV	Combination	Min	-7.64	-324.71
274	274	Shell-Thick	490	SLV_Ex	Combination		-8.04	-347.2
274	274	Shell-Thick	489	SLV_Ex	Combination		3.49	-344.89
274	274	Shell-Thick	507	SLV_Ex	Combination		5.44	-335.17
274	274	Shell-Thick	508	SLV_Ex	Combination		-6.1	-337.47
275	275	Shell-Thick	508	SLU_ENV	Combination	Max	0.82	-102.62
275	275	Shell-Thick	507	SLU_ENV	Combination	Max	-3.7	-103.29
275	275	Shell-Thick	525	SLU_ENV	Combination	Max	-0.2	-82.51
275	275	Shell-Thick	526	SLU_ENV	Combination	Max	4.96	-81.84
275	275	Shell-Thick	508	SLU_ENV	Combination	Min	-1.62	-323.14
275	275	Shell-Thick	507	SLU_ENV	Combination	Min	-9.28	-324.9
275	275	Shell-Thick	525	SLU_ENV	Combination	Min	-4.86	-306.1
275	275	Shell-Thick	526	SLU_ENV	Combination	Min	2.16	-304.33

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
275	275	Shell-Thick	508	SLV_Ex	Combination		3.7	-335.51
275	275	Shell-Thick	507	SLV_Ex	Combination		-13.97	-339.05
275	275	Shell-Thick	525	SLV_Ex	Combination		-7.62	-307.32
275	275	Shell-Thick	526	SLV_Ex	Combination		10.05	-303.78
276	276	Shell-Thick	746	SLU_ENV	Combination	Max	0.7	-95.22
276	276	Shell-Thick	764	SLU_ENV	Combination	Max	10.86	-95.38
276	276	Shell-Thick	763	SLU_ENV	Combination	Max	6.72	-100.25
276	276	Shell-Thick	730	SLU_ENV	Combination	Max	-0.28	-100.1
276	276	Shell-Thick	746	SLU_ENV	Combination	Min	-3.24	-447.43
276	276	Shell-Thick	764	SLU_ENV	Combination	Min	-9.498E-02	-444.61
276	276	Shell-Thick	763	SLU_ENV	Combination	Min	-1.07	-465.27
276	276	Shell-Thick	730	SLU_ENV	Combination	Min	-7.37	-468.09
276	276	Shell-Thick	746	SLV_Ex	Combination		6.56	-228.19
276	276	Shell-Thick	764	SLV_Ex	Combination		43.26	-220.85
276	276	Shell-Thick	763	SLV_Ex	Combination		25.39	-310.19
276	276	Shell-Thick	730	SLV_Ex	Combination		-11.31	-317.53
277	277	Shell-Thick	730	SLU_ENV	Combination	Max	-0.36	-100.11
277	277	Shell-Thick	763	SLU_ENV	Combination	Max	-8.28	-101.7
277	277	Shell-Thick	762	SLU_ENV	Combination	Max	-7.84	-99.48
277	277	Shell-Thick	714	SLU_ENV	Combination	Max	0.92	-97.9
277	277	Shell-Thick	730	SLU_ENV	Combination	Min	-4.76	-467.57
277	277	Shell-Thick	763	SLU_ENV	Combination	Min	-33.19	-473.25
277	277	Shell-Thick	762	SLU_ENV	Combination	Min	-29.57	-455.15
277	277	Shell-Thick	714	SLU_ENV	Combination	Min	-1.99	-449.47
277	277	Shell-Thick	730	SLV_Ex	Combination		9.73	-313.32
277	277	Shell-Thick	763	SLV_Ex	Combination		12.72	-312.72
277	277	Shell-Thick	762	SLV_Ex	Combination		5.97	-346.5
277	277	Shell-Thick	714	SLV_Ex	Combination		2.98	-347.1
278	278	Shell-Thick	714	SLU_ENV	Combination	Max	-3.83	-98.68
278	278	Shell-Thick	762	SLU_ENV	Combination	Max	-9.74	-99.86
278	278	Shell-Thick	326	SLU_ENV	Combination	Max	-9.36	-97.98
278	278	Shell-Thick	327	SLU_ENV	Combination	Max	-3.45	-96.8
278	278	Shell-Thick	714	SLU_ENV	Combination	Min	-20.47	-453.33
278	278	Shell-Thick	762	SLU_ENV	Combination	Min	-44.05	-458.05
278	278	Shell-Thick	326	SLU_ENV	Combination	Min	-39.2	-433.81
278	278	Shell-Thick	327	SLU_ENV	Combination	Min	-15.62	-429.09
278	278	Shell-Thick	714	SLV_Ex	Combination		-7.1	-349.11
278	278	Shell-Thick	762	SLV_Ex	Combination		-42.69	-356.23
278	278	Shell-Thick	326	SLV_Ex	Combination		-36.29	-324.21
278	278	Shell-Thick	327	SLV_Ex	Combination		-0.69	-317.09
279	279	Shell-Thick	327	SLU_ENV	Combination	Max	-5.77	-97.26
279	279	Shell-Thick	326	SLU_ENV	Combination	Max	-9.28	-97.96
279	279	Shell-Thick	344	SLU_ENV	Combination	Max	-9.26	-97.89
279	279	Shell-Thick	345	SLU_ENV	Combination	Max	-5.75	-97.18
279	279	Shell-Thick	327	SLU_ENV	Combination	Min	-28.88	-431.75
279	279	Shell-Thick	326	SLU_ENV	Combination	Min	-38.7	-433.71
279	279	Shell-Thick	344	SLU_ENV	Combination	Min	-35.14	-415.93
279	279	Shell-Thick	345	SLU_ENV	Combination	Min	-25.33	-413.97
279	279	Shell-Thick	327	SLV_Ex	Combination		-22.37	-321.42
279	279	Shell-Thick	326	SLV_Ex	Combination		-41.88	-325.33
279	279	Shell-Thick	344	SLV_Ex	Combination		-41.02	-321.
279	279	Shell-Thick	345	SLV_Ex	Combination		-21.5	-317.09
280	280	Shell-Thick	345	SLU_ENV	Combination	Max	-7.3	-97.49
280	280	Shell-Thick	344	SLU_ENV	Combination	Max	-9.47	-97.93

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
280	280	Shell-Thick	362	SLU_ENV	Combination	Max	-9.41	-97.6
280	280	Shell-Thick	363	SLU_ENV	Combination	Max	-7.23	-97.17
280	280	Shell-Thick	345	SLU_ENV	Combination	Min	-33.89	-415.68
280	280	Shell-Thick	344	SLU_ENV	Combination	Min	-38.53	-416.61
280	280	Shell-Thick	362	SLU_ENV	Combination	Min	-34.08	-394.37
280	280	Shell-Thick	363	SLU_ENV	Combination	Min	-29.44	-393.44
280	280	Shell-Thick	345	SLV_Ex	Combination		-29.13	-318.62
280	280	Shell-Thick	344	SLV_Ex	Combination		-46.45	-322.08
280	280	Shell-Thick	362	SLV_Ex	Combination		-45.4	-316.82
280	280	Shell-Thick	363	SLV_Ex	Combination		-28.07	-313.36
281	281	Shell-Thick	363	SLU_ENV	Combination	Max	-7.98	-97.32
281	281	Shell-Thick	362	SLU_ENV	Combination	Max	-9.63	-97.65
281	281	Shell-Thick	380	SLU_ENV	Combination	Max	-9.66	-97.79
281	281	Shell-Thick	381	SLU_ENV	Combination	Max	-8.	-97.46
281	281	Shell-Thick	363	SLU_ENV	Combination	Min	-35.03	-394.56
281	281	Shell-Thick	362	SLU_ENV	Combination	Min	-36.74	-394.9
281	281	Shell-Thick	380	SLU_ENV	Combination	Min	-33.09	-376.63
281	281	Shell-Thick	381	SLU_ENV	Combination	Min	-31.38	-376.29
281	281	Shell-Thick	363	SLV_Ex	Combination		-30.91	-313.92
281	281	Shell-Thick	362	SLV_Ex	Combination		-46.43	-317.03
281	281	Shell-Thick	380	SLV_Ex	Combination		-46.76	-318.67
281	281	Shell-Thick	381	SLV_Ex	Combination		-31.24	-315.56
282	282	Shell-Thick	381	SLU_ENV	Combination	Max	-8.31	-97.52
282	282	Shell-Thick	380	SLU_ENV	Combination	Max	-9.83	-97.83
282	282	Shell-Thick	398	SLU_ENV	Combination	Max	-9.83	-97.82
282	282	Shell-Thick	399	SLU_ENV	Combination	Max	-8.31	-97.51
282	282	Shell-Thick	381	SLU_ENV	Combination	Min	-34.66	-376.94
282	282	Shell-Thick	380	SLU_ENV	Combination	Min	-34.55	-376.92
282	282	Shell-Thick	398	SLU_ENV	Combination	Min	-31.12	-359.75
282	282	Shell-Thick	399	SLU_ENV	Combination	Min	-31.23	-359.77
282	282	Shell-Thick	381	SLV_Ex	Combination		-31.59	-315.63
282	282	Shell-Thick	380	SLV_Ex	Combination		-48.16	-318.95
282	282	Shell-Thick	398	SLV_Ex	Combination		-48.02	-318.21
282	282	Shell-Thick	399	SLV_Ex	Combination		-31.44	-314.89
283	283	Shell-Thick	399	SLU_ENV	Combination	Max	-8.33	-97.52
283	283	Shell-Thick	398	SLU_ENV	Combination	Max	-9.84	-97.82
283	283	Shell-Thick	416	SLU_ENV	Combination	Max	-9.86	-97.89
283	283	Shell-Thick	417	SLU_ENV	Combination	Max	-8.34	-97.59
283	283	Shell-Thick	399	SLU_ENV	Combination	Min	-33.13	-360.15
283	283	Shell-Thick	398	SLU_ENV	Combination	Min	-31.93	-359.91
283	283	Shell-Thick	416	SLU_ENV	Combination	Min	-28.87	-344.62
283	283	Shell-Thick	417	SLU_ENV	Combination	Min	-30.08	-344.86
283	283	Shell-Thick	399	SLV_Ex	Combination		-31.46	-314.9
283	283	Shell-Thick	398	SLV_Ex	Combination		-48.23	-318.25
283	283	Shell-Thick	416	SLV_Ex	Combination		-48.46	-319.42
283	283	Shell-Thick	417	SLV_Ex	Combination		-31.7	-316.07
284	284	Shell-Thick	417	SLU_ENV	Combination	Max	-8.12	-97.54
284	284	Shell-Thick	416	SLU_ENV	Combination	Max	-9.7	-97.86
284	284	Shell-Thick	434	SLU_ENV	Combination	Max	-8.62	-97.71
284	284	Shell-Thick	435	SLU_ENV	Combination	Max	-8.09	-97.4
284	284	Shell-Thick	417	SLU_ENV	Combination	Min	-31.27	-345.1
284	284	Shell-Thick	416	SLU_ENV	Combination	Min	-30.04	-344.86
284	284	Shell-Thick	434	SLU_ENV	Combination	Min	-27.94	-329.11
284	284	Shell-Thick	435	SLU_ENV	Combination	Min	-28.13	-329.36

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
284	284	Shell-Thick	417	SLV_Ex	Combination		-31.79	-316.08
284	284	Shell-Thick	416	SLV_Ex	Combination		-47.15	-319.16
284	284	Shell-Thick	434	SLV_Ex	Combination		-46.78	-317.28
284	284	Shell-Thick	435	SLV_Ex	Combination		-31.41	-314.21
285	285	Shell-Thick	435	SLU_ENV	Combination	Max	-7.53	-97.29
285	285	Shell-Thick	434	SLU_ENV	Combination	Max	-9.47	-97.67
285	285	Shell-Thick	452	SLU_ENV	Combination	Max	-7.98	-97.92
285	285	Shell-Thick	453	SLU_ENV	Combination	Max	-7.58	-97.53
285	285	Shell-Thick	435	SLU_ENV	Combination	Min	-28.5	-329.43
285	285	Shell-Thick	434	SLU_ENV	Combination	Min	-28.8	-329.49
285	285	Shell-Thick	452	SLU_ENV	Combination	Min	-27.73	-316.43
285	285	Shell-Thick	453	SLU_ENV	Combination	Min	-25.88	-316.37
285	285	Shell-Thick	435	SLV_Ex	Combination		-29.66	-313.85
285	285	Shell-Thick	434	SLV_Ex	Combination		-46.48	-317.22
285	285	Shell-Thick	452	SLV_Ex	Combination		-47.34	-321.55
285	285	Shell-Thick	453	SLV_Ex	Combination		-30.53	-318.18
286	286	Shell-Thick	453	SLU_ENV	Combination	Max	-6.43	-97.3
286	286	Shell-Thick	452	SLU_ENV	Combination	Max	-9.2	-97.86
286	286	Shell-Thick	470	SLU_ENV	Combination	Max	-7.94	-97.71
286	286	Shell-Thick	471	SLU_ENV	Combination	Max	-6.4	-97.15
286	286	Shell-Thick	453	SLU_ENV	Combination	Min	-24.44	-316.09
286	286	Shell-Thick	452	SLU_ENV	Combination	Min	-27.94	-316.78
286	286	Shell-Thick	470	SLU_ENV	Combination	Min	-26.73	-304.52
286	286	Shell-Thick	471	SLU_ENV	Combination	Min	-21.99	-303.82
286	286	Shell-Thick	453	SLV_Ex	Combination		-26.79	-317.44
286	286	Shell-Thick	452	SLV_Ex	Combination		-42.36	-320.55
286	286	Shell-Thick	470	SLV_Ex	Combination		-42.59	-321.72
286	286	Shell-Thick	471	SLV_Ex	Combination		-27.02	-318.6
287	287	Shell-Thick	471	SLU_ENV	Combination	Max	-4.25	-96.72
287	287	Shell-Thick	470	SLU_ENV	Combination	Max	-9.46	-97.76
287	287	Shell-Thick	488	SLU_ENV	Combination	Max	-8.15	-99.41
287	287	Shell-Thick	489	SLU_ENV	Combination	Max	-3.55	-98.37
287	287	Shell-Thick	471	SLU_ENV	Combination	Min	-15.89	-302.6
287	287	Shell-Thick	470	SLU_ENV	Combination	Min	-28.55	-305.13
287	287	Shell-Thick	488	SLU_ENV	Combination	Min	-29.88	-303.62
287	287	Shell-Thick	489	SLU_ENV	Combination	Min	-16.61	-301.09
287	287	Shell-Thick	471	SLV_Ex	Combination		-6.7	-314.54
287	287	Shell-Thick	470	SLV_Ex	Combination		-41.54	-321.5
287	287	Shell-Thick	488	SLV_Ex	Combination		-48.3	-355.31
287	287	Shell-Thick	489	SLV_Ex	Combination		-13.46	-348.34
288	288	Shell-Thick	489	SLU_ENV	Combination	Max	-0.3	-97.51
288	288	Shell-Thick	488	SLU_ENV	Combination	Max	-5.76	-99.11
288	288	Shell-Thick	506	SLU_ENV	Combination	Max	-3.89	-91.28
288	288	Shell-Thick	507	SLU_ENV	Combination	Max	0.74	-90.35
288	288	Shell-Thick	489	SLU_ENV	Combination	Min	-4.02	-298.77
288	288	Shell-Thick	488	SLU_ENV	Combination	Min	-23.3	-302.12
288	288	Shell-Thick	506	SLU_ENV	Combination	Min	-25.12	-309.67
288	288	Shell-Thick	507	SLU_ENV	Combination	Min	-5.01	-305.65
288	288	Shell-Thick	489	SLV_Ex	Combination		3.48	-344.95
288	288	Shell-Thick	488	SLV_Ex	Combination		-2.11	-346.07
288	288	Shell-Thick	506	SLV_Ex	Combination		1.45	-328.26
288	288	Shell-Thick	507	SLV_Ex	Combination		7.04	-327.15
289	289	Shell-Thick	507	SLU_ENV	Combination	Max	-0.33	-90.88
289	289	Shell-Thick	506	SLU_ENV	Combination	Max	1.37	-90.64

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
289	289	Shell-Thick	524	SLU_ENV	Combination	Max	7.82	-70.13
289	289	Shell-Thick	525	SLU_ENV	Combination	Max	2.23	-70.36
289	289	Shell-Thick	507	SLU_ENV	Combination	Min	-6.31	-305.6
289	289	Shell-Thick	506	SLU_ENV	Combination	Min	-1.4	-304.51
289	289	Shell-Thick	524	SLU_ENV	Combination	Min	-0.48	-288.18
289	289	Shell-Thick	525	SLU_ENV	Combination	Min	-1.5	-289.27
289	289	Shell-Thick	507	SLV_Ex	Combination		-12.36	-331.03
289	289	Shell-Thick	506	SLV_Ex	Combination		23.25	-323.91
289	289	Shell-Thick	524	SLV_Ex	Combination		42.06	-229.84
289	289	Shell-Thick	525	SLV_Ex	Combination		6.45	-236.96
290	290	Shell-Thick	764	SLU_ENV	Combination	Max	9.63	-88.23
290	290	Shell-Thick	975	SLU_ENV	Combination	Max	-17.54	-92.01
290	290	Shell-Thick	974	SLU_ENV	Combination	Max	-16.06	-84.6
290	290	Shell-Thick	763	SLU_ENV	Combination	Max	11.71	-80.82
290	290	Shell-Thick	764	SLU_ENV	Combination	Min	1.33	-450.72
290	290	Shell-Thick	975	SLU_ENV	Combination	Min	-96.96	-472.04
290	290	Shell-Thick	974	SLU_ENV	Combination	Min	-94.88	-461.66
290	290	Shell-Thick	763	SLU_ENV	Combination	Min	2.82	-440.34
290	290	Shell-Thick	764	SLV_Ex	Combination		73.14	-71.45
290	290	Shell-Thick	975	SLV_Ex	Combination		-77.28	-101.53
290	290	Shell-Thick	974	SLV_Ex	Combination		-136.54	-397.8
290	290	Shell-Thick	763	SLV_Ex	Combination		13.89	-367.71
291	291	Shell-Thick	763	SLU_ENV	Combination	Max	-4.39	-82.27
291	291	Shell-Thick	974	SLU_ENV	Combination	Max	-13.67	-84.12
291	291	Shell-Thick	780	SLU_ENV	Combination	Max	-12.66	-79.05
291	291	Shell-Thick	762	SLU_ENV	Combination	Max	-3.38	-77.19
291	291	Shell-Thick	763	SLU_ENV	Combination	Min	-28.2	-448.32
291	291	Shell-Thick	974	SLU_ENV	Combination	Min	-83.84	-459.45
291	291	Shell-Thick	780	SLU_ENV	Combination	Min	-75.54	-417.96
291	291	Shell-Thick	762	SLU_ENV	Combination	Min	-19.9	-406.84
291	291	Shell-Thick	763	SLV_Ex	Combination		1.22	-370.25
291	291	Shell-Thick	974	SLV_Ex	Combination		-126.23	-395.74
291	291	Shell-Thick	780	SLV_Ex	Combination		-111.05	-319.81
291	291	Shell-Thick	762	SLV_Ex	Combination		16.4	-294.32
292	292	Shell-Thick	762	SLU_ENV	Combination	Max	-5.28	-77.57
292	292	Shell-Thick	780	SLU_ENV	Combination	Max	-8.65	-78.24
292	292	Shell-Thick	779	SLU_ENV	Combination	Max	-8.88	-79.4
292	292	Shell-Thick	326	SLU_ENV	Combination	Max	-5.51	-78.73
292	292	Shell-Thick	762	SLU_ENV	Combination	Min	-34.39	-409.74
292	292	Shell-Thick	780	SLU_ENV	Combination	Min	-52.26	-413.31
292	292	Shell-Thick	779	SLU_ENV	Combination	Min	-51.65	-410.28
292	292	Shell-Thick	326	SLU_ENV	Combination	Min	-33.78	-406.7
292	292	Shell-Thick	762	SLV_Ex	Combination		-32.26	-304.08
292	292	Shell-Thick	780	SLV_Ex	Combination		-64.28	-310.48
292	292	Shell-Thick	779	SLV_Ex	Combination		-64.33	-310.74
292	292	Shell-Thick	326	SLV_Ex	Combination		-32.31	-304.34
293	293	Shell-Thick	326	SLU_ENV	Combination	Max	-5.43	-78.71
293	293	Shell-Thick	779	SLU_ENV	Combination	Max	-7.81	-79.19
293	293	Shell-Thick	806	SLU_ENV	Combination	Max	-7.85	-79.37
293	293	Shell-Thick	344	SLU_ENV	Combination	Max	-5.46	-78.89
293	293	Shell-Thick	326	SLU_ENV	Combination	Min	-33.28	-406.61
293	293	Shell-Thick	779	SLU_ENV	Combination	Min	-45.42	-409.04
293	293	Shell-Thick	806	SLU_ENV	Combination	Min	-41.72	-390.54
293	293	Shell-Thick	344	SLU_ENV	Combination	Min	-29.58	-388.11

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
293	293	Shell-Thick	326	SLV_Ex	Combination		-37.91	-305.48
293	293	Shell-Thick	779	SLV_Ex	Combination		-56.7	-309.23
293	293	Shell-Thick	806	SLV_Ex	Combination		-54.94	-300.42
293	293	Shell-Thick	344	SLV_Ex	Combination		-36.15	-296.67
294	294	Shell-Thick	344	SLU_ENV	Combination	Max	-5.67	-78.94
294	294	Shell-Thick	806	SLU_ENV	Combination	Max	-7.65	-79.33
294	294	Shell-Thick	821	SLU_ENV	Combination	Max	-7.76	-79.88
294	294	Shell-Thick	362	SLU_ENV	Combination	Max	-5.78	-79.48
294	294	Shell-Thick	344	SLU_ENV	Combination	Min	-32.96	-388.79
294	294	Shell-Thick	806	SLU_ENV	Combination	Min	-37.35	-389.67
294	294	Shell-Thick	821	SLU_ENV	Combination	Min	-33.29	-369.36
294	294	Shell-Thick	362	SLU_ENV	Combination	Min	-28.9	-368.48
294	294	Shell-Thick	344	SLV_Ex	Combination		-41.58	-297.75
294	294	Shell-Thick	806	SLV_Ex	Combination		-54.71	-300.38
294	294	Shell-Thick	821	SLV_Ex	Combination		-54.73	-300.48
294	294	Shell-Thick	362	SLV_Ex	Combination		-41.6	-297.86
295	295	Shell-Thick	362	SLU_ENV	Combination	Max	-6.01	-79.53
295	295	Shell-Thick	821	SLU_ENV	Combination	Max	-7.97	-79.92
295	295	Shell-Thick	836	SLU_ENV	Combination	Max	-7.99	-80.05
295	295	Shell-Thick	380	SLU_ENV	Combination	Max	-6.03	-79.66
295	295	Shell-Thick	362	SLU_ENV	Combination	Min	-31.57	-369.01
295	295	Shell-Thick	821	SLU_ENV	Combination	Min	-31.24	-368.95
295	295	Shell-Thick	836	SLU_ENV	Combination	Min	-27.46	-350.03
295	295	Shell-Thick	380	SLU_ENV	Combination	Min	-27.78	-350.09
295	295	Shell-Thick	362	SLV_Ex	Combination		-42.64	-298.06
295	295	Shell-Thick	821	SLV_Ex	Combination		-60.23	-301.58
295	295	Shell-Thick	836	SLV_Ex	Combination		-60.03	-300.58
295	295	Shell-Thick	380	SLV_Ex	Combination		-42.44	-297.06
296	296	Shell-Thick	380	SLU_ENV	Combination	Max	-6.21	-79.7
296	296	Shell-Thick	836	SLU_ENV	Combination	Max	-8.01	-80.08
296	296	Shell-Thick	851	SLU_ENV	Combination	Max	-4.77	-80.24
296	296	Shell-Thick	398	SLU_ENV	Combination	Max	-6.24	-79.85
296	296	Shell-Thick	380	SLU_ENV	Combination	Min	-29.24	-350.39
296	296	Shell-Thick	836	SLU_ENV	Combination	Min	-27.21	-349.95
296	296	Shell-Thick	851	SLU_ENV	Combination	Min	-27.34	-334.23
296	296	Shell-Thick	398	SLU_ENV	Combination	Min	-26.1	-334.67
296	296	Shell-Thick	380	SLV_Ex	Combination		-43.84	-297.34
296	296	Shell-Thick	836	SLV_Ex	Combination		-62.51	-301.08
296	296	Shell-Thick	851	SLV_Ex	Combination		-62.65	-301.78
296	296	Shell-Thick	398	SLV_Ex	Combination		-43.98	-298.05
297	297	Shell-Thick	398	SLU_ENV	Combination	Max	-6.25	-79.85
297	297	Shell-Thick	851	SLU_ENV	Combination	Max	-5.57	-80.24
297	297	Shell-Thick	866	SLU_ENV	Combination	Max	-2.43	-80.15
297	297	Shell-Thick	416	SLU_ENV	Combination	Max	-6.23	-79.76
297	297	Shell-Thick	398	SLU_ENV	Combination	Min	-26.92	-334.83
297	297	Shell-Thick	851	SLU_ENV	Combination	Min	-27.03	-334.33
297	297	Shell-Thick	866	SLU_ENV	Combination	Min	-26.96	-318.4
297	297	Shell-Thick	416	SLU_ENV	Combination	Min	-23.73	-318.9
297	297	Shell-Thick	398	SLV_Ex	Combination		-44.2	-298.09
297	297	Shell-Thick	851	SLV_Ex	Combination		-62.86	-301.82
297	297	Shell-Thick	866	SLV_Ex	Combination		-62.71	-301.08
297	297	Shell-Thick	416	SLV_Ex	Combination		-44.05	-297.35
298	298	Shell-Thick	416	SLU_ENV	Combination	Max	-6.08	-79.73
298	298	Shell-Thick	866	SLU_ENV	Combination	Max	-3.35	-80.12

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
298	298	Shell-Thick	881	SLU_ENV	Combination	Max	-0.33	-80.04
298	298	Shell-Thick	434	SLU_ENV	Combination	Max	-4.88	-79.65
298	298	Shell-Thick	416	SLU_ENV	Combination	Min	-24.9	-319.14
298	298	Shell-Thick	866	SLU_ENV	Combination	Min	-26.27	-318.48
298	298	Shell-Thick	881	SLU_ENV	Combination	Min	-26.22	-303.17
298	298	Shell-Thick	434	SLU_ENV	Combination	Min	-23.02	-303.83
298	298	Shell-Thick	416	SLV_Ex	Combination		-42.74	-297.09
298	298	Shell-Thick	866	SLV_Ex	Combination		-61.	-300.74
298	298	Shell-Thick	881	SLV_Ex	Combination		-61.18	-301.65
298	298	Shell-Thick	434	SLV_Ex	Combination		-42.92	-298.
299	299	Shell-Thick	434	SLU_ENV	Combination	Max	-5.86	-79.61
299	299	Shell-Thick	881	SLU_ENV	Combination	Max	-1.71	-79.99
299	299	Shell-Thick	896	SLU_ENV	Combination	Max	1.24	-79.49
299	299	Shell-Thick	452	SLU_ENV	Combination	Max	-3.99	-79.11
299	299	Shell-Thick	434	SLU_ENV	Combination	Min	-23.75	-304.21
299	299	Shell-Thick	881	SLU_ENV	Combination	Min	-25.01	-303.26
299	299	Shell-Thick	896	SLU_ENV	Combination	Min	-24.63	-287.1
299	299	Shell-Thick	452	SLU_ENV	Combination	Min	-22.28	-288.05
299	299	Shell-Thick	434	SLV_Ex	Combination		-42.62	-297.94
299	299	Shell-Thick	881	SLV_Ex	Combination		-55.2	-300.45
299	299	Shell-Thick	896	SLV_Ex	Combination		-55.	-299.43
299	299	Shell-Thick	452	SLV_Ex	Combination		-42.41	-296.91
300	300	Shell-Thick	452	SLU_ENV	Combination	Max	-5.44	-79.04
300	300	Shell-Thick	896	SLU_ENV	Combination	Max	-1.56	-79.49
300	300	Shell-Thick	911	SLU_ENV	Combination	Max	0.68	-79.45
300	300	Shell-Thick	470	SLU_ENV	Combination	Max	-3.97	-79.
300	300	Shell-Thick	452	SLU_ENV	Combination	Min	-22.27	-288.4
300	300	Shell-Thick	896	SLU_ENV	Combination	Min	-24.54	-287.63
300	300	Shell-Thick	911	SLU_ENV	Combination	Min	-24.55	-276.48
300	300	Shell-Thick	470	SLU_ENV	Combination	Min	-21.49	-277.25
300	300	Shell-Thick	452	SLV_Ex	Combination		-37.43	-295.91
300	300	Shell-Thick	896	SLV_Ex	Combination		-53.58	-299.14
300	300	Shell-Thick	911	SLV_Ex	Combination		-55.12	-306.84
300	300	Shell-Thick	470	SLV_Ex	Combination		-38.97	-303.61
301	301	Shell-Thick	470	SLU_ENV	Combination	Max	-5.56	-79.05
301	301	Shell-Thick	911	SLU_ENV	Combination	Max	-4.77	-79.56
301	301	Shell-Thick	926	SLU_ENV	Combination	Max	-3.25	-77.92
301	301	Shell-Thick	488	SLU_ENV	Combination	Max	-4.04	-77.41
301	301	Shell-Thick	470	SLU_ENV	Combination	Min	-23.26	-277.86
301	301	Shell-Thick	911	SLU_ENV	Combination	Min	-26.04	-277.75
301	301	Shell-Thick	926	SLU_ENV	Combination	Min	-24.89	-266.07
301	301	Shell-Thick	488	SLU_ENV	Combination	Min	-22.11	-266.19
301	301	Shell-Thick	470	SLV_Ex	Combination		-37.92	-303.4
301	301	Shell-Thick	911	SLV_Ex	Combination		-56.05	-307.03
301	301	Shell-Thick	926	SLV_Ex	Combination		-55.68	-305.16
301	301	Shell-Thick	488	SLV_Ex	Combination		-37.54	-301.53
302	302	Shell-Thick	488	SLU_ENV	Combination	Max	-1.65	-77.11
302	302	Shell-Thick	926	SLU_ENV	Combination	Max	-11.95	-78.72
302	302	Shell-Thick	941	SLU_ENV	Combination	Max	-12.88	-82.5
302	302	Shell-Thick	506	SLU_ENV	Combination	Max	-1.67	-80.16
302	302	Shell-Thick	488	SLU_ENV	Combination	Min	-15.52	-264.69
302	302	Shell-Thick	926	SLU_ENV	Combination	Min	-41.13	-270.26
302	302	Shell-Thick	941	SLU_ENV	Combination	Min	-44.36	-287.28
302	302	Shell-Thick	506	SLU_ENV	Combination	Min	-19.67	-282.44

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
302	302	Shell-Thick	488	SLV_Ex	Combination		8.65	-292.29
302	302	Shell-Thick	926	SLV_Ex	Combination		-102.63	-314.55
302	302	Shell-Thick	941	SLV_Ex	Combination		-118.91	-395.95
302	302	Shell-Thick	506	SLV_Ex	Combination		-7.63	-373.69
303	303	Shell-Thick	506	SLU_ENV	Combination	Max	6.14	-79.53
303	303	Shell-Thick	941	SLU_ENV	Combination	Max	-15.88	-83.6
303	303	Shell-Thick	956	SLU_ENV	Combination	Max	-14.7	-62.86
303	303	Shell-Thick	524	SLU_ENV	Combination	Max	8.02	-58.79
303	303	Shell-Thick	506	SLU_ENV	Combination	Min	1.5	-277.28
303	303	Shell-Thick	941	SLU_ENV	Combination	Min	-58.12	-289.53
303	303	Shell-Thick	956	SLU_ENV	Combination	Min	-57.88	-303.16
303	303	Shell-Thick	524	SLU_ENV	Combination	Min	1.05	-290.9
303	303	Shell-Thick	506	SLV_Ex	Combination		14.16	-369.33
303	303	Shell-Thick	941	SLV_Ex	Combination		-135.35	-399.23
303	303	Shell-Thick	956	SLV_Ex	Combination		-81.61	-130.54
303	303	Shell-Thick	524	SLV_Ex	Combination		67.9	-100.64
431	431	Shell-Thick	583	SLU_ENV	Combination	Max	173.96	73.29
431	431	Shell-Thick	287	SLU_ENV	Combination	Max	166.22	34.58
431	431	Shell-Thick	288	SLU_ENV	Combination	Max	12.11	3.79
431	431	Shell-Thick	565	SLU_ENV	Combination	Max	19.85	42.46
431	431	Shell-Thick	583	SLU_ENV	Combination	Min	36.21	19.21
431	431	Shell-Thick	287	SLU_ENV	Combination	Min	34.53	10.82
431	431	Shell-Thick	288	SLU_ENV	Combination	Min	-10.54	1.77
431	431	Shell-Thick	565	SLU_ENV	Combination	Min	-8.86	10.2
431	431	Shell-Thick	583	SLV_Ex	Combination		303.14	33.17
431	431	Shell-Thick	287	SLV_Ex	Combination		316.29	98.94
431	431	Shell-Thick	288	SLV_Ex	Combination		-122.04	11.27
431	431	Shell-Thick	565	SLV_Ex	Combination		-135.19	-54.49
432	432	Shell-Thick	287	SLU_ENV	Combination	Max	52.3	11.8
432	432	Shell-Thick	289	SLU_ENV	Combination	Max	50.36	2.09
432	432	Shell-Thick	290	SLU_ENV	Combination	Max	55.54	3.13
432	432	Shell-Thick	288	SLU_ENV	Combination	Max	57.48	12.84
432	432	Shell-Thick	287	SLU_ENV	Combination	Min	0.54	4.02
432	432	Shell-Thick	289	SLU_ENV	Combination	Min	-0.23	0.16
432	432	Shell-Thick	290	SLU_ENV	Combination	Min	2.34	0.68
432	432	Shell-Thick	288	SLU_ENV	Combination	Min	3.11	4.53
432	432	Shell-Thick	287	SLV_Ex	Combination		59.06	47.49
432	432	Shell-Thick	289	SLV_Ex	Combination		50.45	4.42
432	432	Shell-Thick	290	SLV_Ex	Combination		-16.05	-8.88
432	432	Shell-Thick	288	SLV_Ex	Combination		-7.44	34.19
433	433	Shell-Thick	289	SLU_ENV	Combination	Max	29.91	-0.99
433	433	Shell-Thick	291	SLU_ENV	Combination	Max	30.88	2.85
433	433	Shell-Thick	292	SLU_ENV	Combination	Max	44.86	5.65
433	433	Shell-Thick	290	SLU_ENV	Combination	Max	43.89	0.8
433	433	Shell-Thick	289	SLU_ENV	Combination	Min	-6.33	-2.07
433	433	Shell-Thick	291	SLU_ENV	Combination	Min	-5.91	1.03
433	433	Shell-Thick	292	SLU_ENV	Combination	Min	-0.83	2.04
433	433	Shell-Thick	290	SLU_ENV	Combination	Min	-1.24	-3.785E-02
433	433	Shell-Thick	289	SLV_Ex	Combination		-24.9	-10.65
433	433	Shell-Thick	291	SLV_Ex	Combination		-20.03	13.67
433	433	Shell-Thick	292	SLV_Ex	Combination		-43.43	8.99
433	433	Shell-Thick	290	SLV_Ex	Combination		-48.3	-15.33
434	434	Shell-Thick	291	SLU_ENV	Combination	Max	24.85	1.64
434	434	Shell-Thick	293	SLU_ENV	Combination	Max	24.03	-1.03

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
434	434	Shell-Thick	294	SLU_ENV	Combination	Max	39.45	0.66
434	434	Shell-Thick	292	SLU_ENV	Combination	Max	40.27	4.73
434	434	Shell-Thick	291	SLU_ENV	Combination	Min	-7.91	0.63
434	434	Shell-Thick	293	SLU_ENV	Combination	Min	-8.24	-2.48
434	434	Shell-Thick	294	SLU_ENV	Combination	Min	-2.49	6.643E-02
434	434	Shell-Thick	292	SLU_ENV	Combination	Min	-2.16	1.77
434	434	Shell-Thick	291	SLV_Ex	Combination		-80.79	1.52
434	434	Shell-Thick	293	SLV_Ex	Combination		-80.76	1.68
434	434	Shell-Thick	294	SLV_Ex	Combination		-73.39	3.15
434	434	Shell-Thick	292	SLV_Ex	Combination		-73.42	2.99
435	435	Shell-Thick	293	SLU_ENV	Combination	Max	24.03	-1.03
435	435	Shell-Thick	295	SLU_ENV	Combination	Max	24.85	1.64
435	435	Shell-Thick	296	SLU_ENV	Combination	Max	40.27	4.73
435	435	Shell-Thick	294	SLU_ENV	Combination	Max	39.45	0.66
435	435	Shell-Thick	293	SLU_ENV	Combination	Min	-8.24	-2.48
435	435	Shell-Thick	295	SLU_ENV	Combination	Min	-7.91	0.63
435	435	Shell-Thick	296	SLU_ENV	Combination	Min	-2.16	1.77
435	435	Shell-Thick	294	SLU_ENV	Combination	Min	-2.49	6.641E-02
435	435	Shell-Thick	293	SLV_Ex	Combination		-128.42	-7.85
435	435	Shell-Thick	295	SLV_Ex	Combination		-126.81	0.21
435	435	Shell-Thick	296	SLV_Ex	Combination		-110.08	3.56
435	435	Shell-Thick	294	SLV_Ex	Combination		-111.69	-4.51
436	436	Shell-Thick	295	SLU_ENV	Combination	Max	30.88	2.85
436	436	Shell-Thick	297	SLU_ENV	Combination	Max	29.91	-0.99
436	436	Shell-Thick	298	SLU_ENV	Combination	Max	43.89	0.8
436	436	Shell-Thick	296	SLU_ENV	Combination	Max	44.86	5.65
436	436	Shell-Thick	295	SLU_ENV	Combination	Min	-5.91	1.03
436	436	Shell-Thick	297	SLU_ENV	Combination	Min	-6.33	-2.07
436	436	Shell-Thick	298	SLU_ENV	Combination	Min	-1.24	-3.787E-02
436	436	Shell-Thick	296	SLU_ENV	Combination	Min	-0.83	2.04
436	436	Shell-Thick	295	SLV_Ex	Combination		-187.01	-11.83
436	436	Shell-Thick	297	SLV_Ex	Combination		-183.99	3.29
436	436	Shell-Thick	298	SLV_Ex	Combination		-136.59	12.77
436	436	Shell-Thick	296	SLV_Ex	Combination		-139.61	-2.35
437	437	Shell-Thick	297	SLU_ENV	Combination	Max	50.36	2.09
437	437	Shell-Thick	305	SLU_ENV	Combination	Max	52.3	11.8
437	437	Shell-Thick	306	SLU_ENV	Combination	Max	57.48	12.84
437	437	Shell-Thick	298	SLU_ENV	Combination	Max	55.54	3.13
437	437	Shell-Thick	297	SLU_ENV	Combination	Min	-0.23	0.16
437	437	Shell-Thick	305	SLU_ENV	Combination	Min	0.54	4.02
437	437	Shell-Thick	306	SLU_ENV	Combination	Min	3.11	4.53
437	437	Shell-Thick	298	SLU_ENV	Combination	Min	2.34	0.68
437	437	Shell-Thick	297	SLV_Ex	Combination		-258.46	-11.6
437	437	Shell-Thick	305	SLV_Ex	Combination		-263.41	-36.32
437	437	Shell-Thick	306	SLV_Ex	Combination		-167.86	-17.22
437	437	Shell-Thick	298	SLV_Ex	Combination		-162.92	7.51
438	438	Shell-Thick	305	SLU_ENV	Combination	Max	166.22	34.58
438	438	Shell-Thick	750	SLU_ENV	Combination	Max	173.96	73.29
438	438	Shell-Thick	734	SLU_ENV	Combination	Max	19.85	42.46
438	438	Shell-Thick	306	SLU_ENV	Combination	Max	12.11	3.79
438	438	Shell-Thick	305	SLU_ENV	Combination	Min	34.53	10.82
438	438	Shell-Thick	750	SLU_ENV	Combination	Min	36.21	19.21
438	438	Shell-Thick	734	SLU_ENV	Combination	Min	-8.86	10.2
438	438	Shell-Thick	306	SLU_ENV	Combination	Min	-10.54	1.77

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
438	438	Shell-Thick	305	SLV_Ex	Combination		-463.98	-76.44
438	438	Shell-Thick	750	SLV_Ex	Combination		-450.99	-11.5
438	438	Shell-Thick	734	SLV_Ex	Combination		-73.64	63.97
438	438	Shell-Thick	306	SLV_Ex	Combination		-86.63	-0.97
439	439	Shell-Thick	565	SLU_ENV	Combination	Max	21.13	48.88
439	439	Shell-Thick	288	SLU_ENV	Combination	Max	18.95	37.96
439	439	Shell-Thick	307	SLU_ENV	Combination	Max	27.19	39.61
439	439	Shell-Thick	547	SLU_ENV	Combination	Max	29.37	50.52
439	439	Shell-Thick	565	SLU_ENV	Combination	Min	-8.45	12.27
439	439	Shell-Thick	288	SLU_ENV	Combination	Min	-8.8	10.5
439	439	Shell-Thick	307	SLU_ENV	Combination	Min	-3.6	11.54
439	439	Shell-Thick	547	SLU_ENV	Combination	Min	-3.24	13.31
439	439	Shell-Thick	565	SLV_Ex	Combination		-133.62	-46.65
439	439	Shell-Thick	288	SLV_Ex	Combination		-118.47	29.11
439	439	Shell-Thick	307	SLV_Ex	Combination		-29.18	46.97
439	439	Shell-Thick	547	SLV_Ex	Combination		-44.33	-28.79
440	440	Shell-Thick	288	SLU_ENV	Combination	Max	64.32	47.03
440	440	Shell-Thick	290	SLU_ENV	Combination	Max	57.94	15.12
440	440	Shell-Thick	308	SLU_ENV	Combination	Max	28.66	9.26
440	440	Shell-Thick	307	SLU_ENV	Combination	Max	35.05	41.18
440	440	Shell-Thick	288	SLU_ENV	Combination	Min	4.85	13.23
440	440	Shell-Thick	290	SLU_ENV	Combination	Min	3.12	4.59
440	440	Shell-Thick	308	SLU_ENV	Combination	Min	-4.47	3.07
440	440	Shell-Thick	307	SLU_ENV	Combination	Min	-2.74	11.71
440	440	Shell-Thick	288	SLV_Ex	Combination		-3.87	52.03
440	440	Shell-Thick	290	SLV_Ex	Combination		-9.85	22.13
440	440	Shell-Thick	308	SLV_Ex	Combination		-85.02	7.1
440	440	Shell-Thick	307	SLV_Ex	Combination		-79.04	37.
441	441	Shell-Thick	290	SLU_ENV	Combination	Max	46.29	12.79
441	441	Shell-Thick	292	SLU_ENV	Combination	Max	44.8	5.34
441	441	Shell-Thick	309	SLU_ENV	Combination	Max	44.05	5.19
441	441	Shell-Thick	308	SLU_ENV	Combination	Max	45.54	12.64
441	441	Shell-Thick	290	SLU_ENV	Combination	Min	-0.46	3.88
441	441	Shell-Thick	292	SLU_ENV	Combination	Min	-0.95	1.4
441	441	Shell-Thick	309	SLU_ENV	Combination	Min	-2.291E-03	1.59
441	441	Shell-Thick	308	SLU_ENV	Combination	Min	0.49	4.07
441	441	Shell-Thick	290	SLV_Ex	Combination		-42.1	15.68
441	441	Shell-Thick	292	SLV_Ex	Combination		-44.22	5.05
441	441	Shell-Thick	309	SLV_Ex	Combination		-61.65	1.56
441	441	Shell-Thick	308	SLV_Ex	Combination		-59.53	12.2
442	442	Shell-Thick	292	SLU_ENV	Combination	Max	40.21	4.42
442	442	Shell-Thick	294	SLU_ENV	Combination	Max	40.42	5.47
442	442	Shell-Thick	310	SLU_ENV	Combination	Max	44.3	6.25
442	442	Shell-Thick	309	SLU_ENV	Combination	Max	44.09	5.19
442	442	Shell-Thick	292	SLU_ENV	Combination	Min	-2.29	1.14
442	442	Shell-Thick	294	SLU_ENV	Combination	Min	-2.16	1.78
442	442	Shell-Thick	310	SLU_ENV	Combination	Min	5.912E-03	2.22
442	442	Shell-Thick	309	SLU_ENV	Combination	Min	-0.12	1.57
442	442	Shell-Thick	292	SLV_Ex	Combination		-74.21	-0.95
442	442	Shell-Thick	294	SLV_Ex	Combination		-73.2	4.09
442	442	Shell-Thick	310	SLV_Ex	Combination		-78.22	3.09
442	442	Shell-Thick	309	SLV_Ex	Combination		-79.23	-1.95
443	443	Shell-Thick	294	SLU_ENV	Combination	Max	40.42	5.47
443	443	Shell-Thick	296	SLU_ENV	Combination	Max	40.21	4.42

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
443	443	Shell-Thick	311	SLU_ENV	Combination	Max	44.09	5.19
443	443	Shell-Thick	310	SLU_ENV	Combination	Max	44.3	6.25
443	443	Shell-Thick	294	SLU_ENV	Combination	Min	-2.16	1.78
443	443	Shell-Thick	296	SLU_ENV	Combination	Min	-2.29	1.14
443	443	Shell-Thick	311	SLU_ENV	Combination	Min	-0.12	1.57
443	443	Shell-Thick	310	SLU_ENV	Combination	Min	5.852E-03	2.22
443	443	Shell-Thick	294	SLV_Ex	Combination		-111.5	-3.57
443	443	Shell-Thick	296	SLV_Ex	Combination		-111.39	-3.
443	443	Shell-Thick	311	SLV_Ex	Combination		-86.36	2.
443	443	Shell-Thick	310	SLV_Ex	Combination		-86.47	1.44
444	444	Shell-Thick	296	SLU_ENV	Combination	Max	44.8	5.34
444	444	Shell-Thick	298	SLU_ENV	Combination	Max	46.29	12.79
444	444	Shell-Thick	312	SLU_ENV	Combination	Max	45.54	12.64
444	444	Shell-Thick	311	SLU_ENV	Combination	Max	44.05	5.19
444	444	Shell-Thick	296	SLU_ENV	Combination	Min	-0.95	1.4
444	444	Shell-Thick	298	SLU_ENV	Combination	Min	-0.46	3.88
444	444	Shell-Thick	312	SLU_ENV	Combination	Min	0.49	4.07
444	444	Shell-Thick	311	SLU_ENV	Combination	Min	-2.398E-03	1.59
444	444	Shell-Thick	296	SLV_Ex	Combination		-140.93	-8.91
444	444	Shell-Thick	298	SLV_Ex	Combination		-141.42	-11.36
444	444	Shell-Thick	312	SLV_Ex	Combination		-102.69	-3.61
444	444	Shell-Thick	311	SLV_Ex	Combination		-102.2	-1.17
445	445	Shell-Thick	298	SLU_ENV	Combination	Max	57.94	15.12
445	445	Shell-Thick	306	SLU_ENV	Combination	Max	64.32	47.03
445	445	Shell-Thick	313	SLU_ENV	Combination	Max	35.05	41.18
445	445	Shell-Thick	312	SLU_ENV	Combination	Max	28.66	9.26
445	445	Shell-Thick	298	SLU_ENV	Combination	Min	3.12	4.59
445	445	Shell-Thick	306	SLU_ENV	Combination	Min	4.85	13.23
445	445	Shell-Thick	313	SLU_ENV	Combination	Min	-2.74	11.71
445	445	Shell-Thick	312	SLU_ENV	Combination	Min	-4.47	3.07
445	445	Shell-Thick	298	SLV_Ex	Combination		-167.75	-16.62
445	445	Shell-Thick	306	SLV_Ex	Combination		-171.29	-34.34
445	445	Shell-Thick	313	SLV_Ex	Combination		-90.53	-18.19
445	445	Shell-Thick	312	SLV_Ex	Combination		-86.99	-0.47
446	446	Shell-Thick	306	SLU_ENV	Combination	Max	18.95	37.96
446	446	Shell-Thick	734	SLU_ENV	Combination	Max	21.13	48.88
446	446	Shell-Thick	718	SLU_ENV	Combination	Max	29.37	50.52
446	446	Shell-Thick	313	SLU_ENV	Combination	Max	27.19	39.61
446	446	Shell-Thick	306	SLU_ENV	Combination	Min	-8.8	10.5
446	446	Shell-Thick	734	SLU_ENV	Combination	Min	-8.45	12.27
446	446	Shell-Thick	718	SLU_ENV	Combination	Min	-3.24	13.31
446	446	Shell-Thick	313	SLU_ENV	Combination	Min	-3.6	11.54
446	446	Shell-Thick	306	SLV_Ex	Combination		-90.06	-18.1
446	446	Shell-Thick	734	SLV_Ex	Combination		-73.74	63.51
446	446	Shell-Thick	718	SLV_Ex	Combination		-114.97	55.27
446	446	Shell-Thick	313	SLV_Ex	Combination		-131.3	-26.34
447	447	Shell-Thick	547	SLU_ENV	Combination	Max	28.68	47.07
447	447	Shell-Thick	307	SLU_ENV	Combination	Max	26.67	37.04
447	447	Shell-Thick	314	SLU_ENV	Combination	Max	27.25	37.16
447	447	Shell-Thick	120	SLU_ENV	Combination	Max	29.26	47.19
447	447	Shell-Thick	547	SLU_ENV	Combination	Min	-3.32	12.89
447	447	Shell-Thick	307	SLU_ENV	Combination	Min	-3.81	10.47
447	447	Shell-Thick	314	SLU_ENV	Combination	Min	-3.46	10.54
447	447	Shell-Thick	120	SLU_ENV	Combination	Min	-2.98	12.96

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
447	447	Shell-Thick	547	SLV_Ex	Combination		-45.07	-32.49
447	447	Shell-Thick	307	SLV_Ex	Combination		-38.72	-0.76
447	447	Shell-Thick	314	SLV_Ex	Combination		-56.95	-4.41
447	447	Shell-Thick	120	SLV_Ex	Combination		-63.29	-36.13
448	448	Shell-Thick	307	SLU_ENV	Combination	Max	34.53	38.62
448	448	Shell-Thick	308	SLU_ENV	Combination	Max	31.35	22.72
448	448	Shell-Thick	315	SLU_ENV	Combination	Max	34.54	23.35
448	448	Shell-Thick	314	SLU_ENV	Combination	Max	37.72	39.25
448	448	Shell-Thick	307	SLU_ENV	Combination	Min	-2.96	10.64
448	448	Shell-Thick	308	SLU_ENV	Combination	Min	-3.76	6.65
448	448	Shell-Thick	315	SLU_ENV	Combination	Min	-1.47	7.11
448	448	Shell-Thick	314	SLU_ENV	Combination	Min	-0.67	11.1
448	448	Shell-Thick	307	SLV_Ex	Combination		-88.59	-10.73
448	448	Shell-Thick	308	SLV_Ex	Combination		-83.65	13.96
448	448	Shell-Thick	315	SLV_Ex	Combination		-57.39	19.21
448	448	Shell-Thick	314	SLV_Ex	Combination		-62.33	-5.48
449	449	Shell-Thick	308	SLU_ENV	Combination	Max	48.23	26.09
449	449	Shell-Thick	309	SLU_ENV	Combination	Max	45.7	13.43
449	449	Shell-Thick	316	SLU_ENV	Combination	Max	38.32	11.96
449	449	Shell-Thick	315	SLU_ENV	Combination	Max	40.85	24.61
449	449	Shell-Thick	308	SLU_ENV	Combination	Min	1.21	7.64
449	449	Shell-Thick	309	SLU_ENV	Combination	Min	0.52	4.19
449	449	Shell-Thick	316	SLU_ENV	Combination	Min	-0.83	3.92
449	449	Shell-Thick	315	SLU_ENV	Combination	Min	-0.14	7.37
449	449	Shell-Thick	308	SLV_Ex	Combination		-58.16	19.06
449	449	Shell-Thick	309	SLV_Ex	Combination		-60.51	7.26
449	449	Shell-Thick	316	SLV_Ex	Combination		-78.54	3.66
449	449	Shell-Thick	315	SLV_Ex	Combination		-76.18	15.45
450	450	Shell-Thick	309	SLU_ENV	Combination	Max	45.74	13.44
450	450	Shell-Thick	310	SLU_ENV	Combination	Max	45.01	9.82
450	450	Shell-Thick	317	SLU_ENV	Combination	Max	43.67	9.55
450	450	Shell-Thick	316	SLU_ENV	Combination	Max	44.39	13.17
450	450	Shell-Thick	309	SLU_ENV	Combination	Min	0.4	4.17
450	450	Shell-Thick	310	SLU_ENV	Combination	Min	0.15	2.95
450	450	Shell-Thick	317	SLU_ENV	Combination	Min	0.71	3.06
450	450	Shell-Thick	316	SLU_ENV	Combination	Min	0.96	4.28
450	450	Shell-Thick	309	SLV_Ex	Combination		-78.09	3.75
450	450	Shell-Thick	310	SLV_Ex	Combination		-78.9	-0.32
450	450	Shell-Thick	317	SLV_Ex	Combination		-70.54	1.35
450	450	Shell-Thick	316	SLV_Ex	Combination		-69.72	5.42
451	451	Shell-Thick	310	SLU_ENV	Combination	Max	45.01	9.82
451	451	Shell-Thick	311	SLU_ENV	Combination	Max	45.74	13.44
451	451	Shell-Thick	318	SLU_ENV	Combination	Max	44.39	13.17
451	451	Shell-Thick	317	SLU_ENV	Combination	Max	43.67	9.55
451	451	Shell-Thick	310	SLU_ENV	Combination	Min	0.15	2.95
451	451	Shell-Thick	311	SLU_ENV	Combination	Min	0.4	4.17
451	451	Shell-Thick	318	SLU_ENV	Combination	Min	0.96	4.28
451	451	Shell-Thick	317	SLU_ENV	Combination	Min	0.71	3.06
451	451	Shell-Thick	310	SLV_Ex	Combination		-87.15	-1.97
451	451	Shell-Thick	311	SLV_Ex	Combination		-87.14	-1.89
451	451	Shell-Thick	318	SLV_Ex	Combination		-79.79	-0.43
451	451	Shell-Thick	317	SLV_Ex	Combination		-79.81	-0.5
452	452	Shell-Thick	311	SLU_ENV	Combination	Max	45.7	13.43
452	452	Shell-Thick	312	SLU_ENV	Combination	Max	48.23	26.09

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
452	452	Shell-Thick	319	SLU_ENV	Combination	Max	40.85	24.61
452	452	Shell-Thick	318	SLU_ENV	Combination	Max	38.32	11.96
452	452	Shell-Thick	311	SLU_ENV	Combination	Min	0.52	4.19
452	452	Shell-Thick	312	SLU_ENV	Combination	Min	1.21	7.64
452	452	Shell-Thick	319	SLU_ENV	Combination	Min	-0.14	7.37
452	452	Shell-Thick	318	SLU_ENV	Combination	Min	-0.83	3.92
452	452	Shell-Thick	311	SLV_Ex	Combination		-102.98	-5.06
452	452	Shell-Thick	312	SLV_Ex	Combination		-104.32	-11.76
452	452	Shell-Thick	319	SLV_Ex	Combination		-75.22	-5.95
452	452	Shell-Thick	318	SLV_Ex	Combination		-73.88	0.76
453	453	Shell-Thick	312	SLU_ENV	Combination	Max	31.35	22.72
453	453	Shell-Thick	313	SLU_ENV	Combination	Max	34.53	38.62
453	453	Shell-Thick	320	SLU_ENV	Combination	Max	37.72	39.25
453	453	Shell-Thick	319	SLU_ENV	Combination	Max	34.54	23.35
453	453	Shell-Thick	312	SLU_ENV	Combination	Min	-3.76	6.65
453	453	Shell-Thick	313	SLU_ENV	Combination	Min	-2.96	10.64
453	453	Shell-Thick	320	SLU_ENV	Combination	Min	-0.67	11.1
453	453	Shell-Thick	319	SLU_ENV	Combination	Min	-1.47	7.11
453	453	Shell-Thick	312	SLV_Ex	Combination		-88.62	-8.62
453	453	Shell-Thick	313	SLV_Ex	Combination		-82.25	23.18
453	453	Shell-Thick	320	SLV_Ex	Combination		-84.85	22.67
453	453	Shell-Thick	319	SLV_Ex	Combination		-91.21	-9.14
454	454	Shell-Thick	313	SLU_ENV	Combination	Max	26.67	37.04
454	454	Shell-Thick	718	SLU_ENV	Combination	Max	28.68	47.07
454	454	Shell-Thick	331	SLU_ENV	Combination	Max	29.26	47.19
454	454	Shell-Thick	320	SLU_ENV	Combination	Max	27.25	37.16
454	454	Shell-Thick	313	SLU_ENV	Combination	Min	-3.81	10.47
454	454	Shell-Thick	718	SLU_ENV	Combination	Min	-3.32	12.89
454	454	Shell-Thick	331	SLU_ENV	Combination	Min	-2.98	12.96
454	454	Shell-Thick	320	SLU_ENV	Combination	Min	-3.46	10.54
454	454	Shell-Thick	313	SLV_Ex	Combination		-123.02	15.03
454	454	Shell-Thick	718	SLV_Ex	Combination		-114.	60.14
454	454	Shell-Thick	331	SLV_Ex	Combination		-86.32	65.67
454	454	Shell-Thick	320	SLV_Ex	Combination		-95.35	20.57
455	455	Shell-Thick	120	SLU_ENV	Combination	Max	28.75	44.66
455	455	Shell-Thick	314	SLU_ENV	Combination	Max	26.76	34.69
455	455	Shell-Thick	321	SLU_ENV	Combination	Max	32.75	35.89
455	455	Shell-Thick	7	SLU_ENV	Combination	Max	34.75	45.86
455	455	Shell-Thick	120	SLU_ENV	Combination	Min	-2.98	12.95
455	455	Shell-Thick	314	SLU_ENV	Combination	Min	-3.51	10.28
455	455	Shell-Thick	321	SLU_ENV	Combination	Min	-1.2	10.75
455	455	Shell-Thick	7	SLU_ENV	Combination	Min	-0.67	13.41
455	455	Shell-Thick	120	SLV_Ex	Combination		-64.7	-43.16
455	455	Shell-Thick	314	SLV_Ex	Combination		-58.56	-12.45
455	455	Shell-Thick	321	SLV_Ex	Combination		-53.52	-11.45
455	455	Shell-Thick	7	SLV_Ex	Combination		-59.66	-42.15
456	456	Shell-Thick	314	SLU_ENV	Combination	Max	37.22	36.78
456	456	Shell-Thick	315	SLU_ENV	Combination	Max	35.04	25.85
456	456	Shell-Thick	322	SLU_ENV	Combination	Max	35.11	25.86
456	456	Shell-Thick	321	SLU_ENV	Combination	Max	37.3	36.8
456	456	Shell-Thick	314	SLU_ENV	Combination	Min	-0.72	10.84
456	456	Shell-Thick	315	SLU_ENV	Combination	Min	-1.32	7.85
456	456	Shell-Thick	322	SLU_ENV	Combination	Min	-0.66	7.99
456	456	Shell-Thick	321	SLU_ENV	Combination	Min	-5.994E-02	10.97

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
456	456	Shell-Thick	314	SLV_Ex	Combination		-63.94	-13.53
456	456	Shell-Thick	315	SLV_Ex	Combination		-61.41	-0.91
456	456	Shell-Thick	322	SLV_Ex	Combination		-64.87	-1.6
456	456	Shell-Thick	321	SLV_Ex	Combination		-67.39	-14.22
457	457	Shell-Thick	315	SLU_ENV	Combination	Max	41.35	27.11
457	457	Shell-Thick	316	SLU_ENV	Combination	Max	39.68	18.74
457	457	Shell-Thick	323	SLU_ENV	Combination	Max	38.9	18.58
457	457	Shell-Thick	322	SLU_ENV	Combination	Max	40.57	26.96
457	457	Shell-Thick	315	SLU_ENV	Combination	Min	5.280E-03	8.12
457	457	Shell-Thick	316	SLU_ENV	Combination	Min	-0.46	5.78
457	457	Shell-Thick	323	SLU_ENV	Combination	Min	0.48	5.96
457	457	Shell-Thick	322	SLU_ENV	Combination	Min	0.95	8.31
457	457	Shell-Thick	315	SLV_Ex	Combination		-80.21	-4.67
457	457	Shell-Thick	316	SLV_Ex	Combination		-78.83	2.23
457	457	Shell-Thick	323	SLV_Ex	Combination		-62.91	5.41
457	457	Shell-Thick	322	SLV_Ex	Combination		-64.29	-1.49
458	458	Shell-Thick	316	SLU_ENV	Combination	Max	45.75	19.95
458	458	Shell-Thick	317	SLU_ENV	Combination	Max	45.09	16.65
458	458	Shell-Thick	324	SLU_ENV	Combination	Max	40.86	15.8
458	458	Shell-Thick	323	SLU_ENV	Combination	Max	41.52	19.1
458	458	Shell-Thick	316	SLU_ENV	Combination	Min	1.33	6.13
458	458	Shell-Thick	317	SLU_ENV	Combination	Min	1.15	5.26
458	458	Shell-Thick	324	SLU_ENV	Combination	Min	0.95	5.21
458	458	Shell-Thick	323	SLU_ENV	Combination	Min	1.12	6.09
458	458	Shell-Thick	316	SLV_Ex	Combination		-70.01	3.99
458	458	Shell-Thick	317	SLV_Ex	Combination		-70.47	1.67
458	458	Shell-Thick	324	SLV_Ex	Combination		-71.51	1.46
458	458	Shell-Thick	323	SLV_Ex	Combination		-71.05	3.79
459	459	Shell-Thick	317	SLU_ENV	Combination	Max	45.09	16.65
459	459	Shell-Thick	318	SLU_ENV	Combination	Max	45.75	19.95
459	459	Shell-Thick	325	SLU_ENV	Combination	Max	41.52	19.1
459	459	Shell-Thick	324	SLU_ENV	Combination	Max	40.86	15.8
459	459	Shell-Thick	317	SLU_ENV	Combination	Min	1.15	5.26
459	459	Shell-Thick	318	SLU_ENV	Combination	Min	1.33	6.13
459	459	Shell-Thick	325	SLU_ENV	Combination	Min	1.12	6.09
459	459	Shell-Thick	324	SLU_ENV	Combination	Min	0.95	5.21
459	459	Shell-Thick	317	SLV_Ex	Combination		-79.74	-0.19
459	459	Shell-Thick	318	SLV_Ex	Combination		-79.98	-1.38
459	459	Shell-Thick	325	SLV_Ex	Combination		-65.61	1.5
459	459	Shell-Thick	324	SLV_Ex	Combination		-65.37	2.69
460	460	Shell-Thick	318	SLU_ENV	Combination	Max	39.68	18.74
460	460	Shell-Thick	319	SLU_ENV	Combination	Max	41.35	27.11
460	460	Shell-Thick	332	SLU_ENV	Combination	Max	40.57	26.96
460	460	Shell-Thick	325	SLU_ENV	Combination	Max	38.9	18.58
460	460	Shell-Thick	318	SLU_ENV	Combination	Min	-0.46	5.78
460	460	Shell-Thick	319	SLU_ENV	Combination	Min	5.197E-03	8.12
460	460	Shell-Thick	332	SLU_ENV	Combination	Min	0.95	8.31
460	460	Shell-Thick	325	SLU_ENV	Combination	Min	0.48	5.96
460	460	Shell-Thick	318	SLV_Ex	Combination		-74.07	-0.2
460	460	Shell-Thick	319	SLV_Ex	Combination		-71.57	12.3
460	460	Shell-Thick	332	SLV_Ex	Combination		-70.7	12.48
460	460	Shell-Thick	325	SLV_Ex	Combination		-73.2	-2.012E-02
461	461	Shell-Thick	319	SLU_ENV	Combination	Max	35.04	25.85
461	461	Shell-Thick	320	SLU_ENV	Combination	Max	37.22	36.78

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
461	461	Shell-Thick	333	SLU_ENV	Combination	Max	37.3	36.8
461	461	Shell-Thick	332	SLU_ENV	Combination	Max	35.11	25.86
461	461	Shell-Thick	319	SLU_ENV	Combination	Min	-1.32	7.85
461	461	Shell-Thick	320	SLU_ENV	Combination	Min	-0.72	10.84
461	461	Shell-Thick	333	SLU_ENV	Combination	Min	-5.993E-02	10.97
461	461	Shell-Thick	332	SLU_ENV	Combination	Min	-0.66	7.99
461	461	Shell-Thick	319	SLV_Ex	Combination		-87.56	9.1
461	461	Shell-Thick	320	SLV_Ex	Combination		-83.26	30.59
461	461	Shell-Thick	333	SLV_Ex	Combination		-68.28	33.58
461	461	Shell-Thick	332	SLV_Ex	Combination		-72.57	12.1
462	462	Shell-Thick	320	SLU_ENV	Combination	Max	26.76	34.69
462	462	Shell-Thick	331	SLU_ENV	Combination	Max	28.75	44.66
462	462	Shell-Thick	349	SLU_ENV	Combination	Max	34.75	45.86
462	462	Shell-Thick	333	SLU_ENV	Combination	Max	32.75	35.89
462	462	Shell-Thick	320	SLU_ENV	Combination	Min	-3.51	10.28
462	462	Shell-Thick	331	SLU_ENV	Combination	Min	-2.98	12.95
462	462	Shell-Thick	349	SLU_ENV	Combination	Min	-0.67	13.41
462	462	Shell-Thick	333	SLU_ENV	Combination	Min	-1.2	10.75
462	462	Shell-Thick	320	SLV_Ex	Combination		-93.76	28.49
462	462	Shell-Thick	331	SLV_Ex	Combination		-84.2	76.3
462	462	Shell-Thick	349	SLV_Ex	Combination		-73.31	78.48
462	462	Shell-Thick	333	SLV_Ex	Combination		-82.88	30.66
463	463	Shell-Thick	7	SLU_ENV	Combination	Max	34.19	43.05
463	463	Shell-Thick	321	SLU_ENV	Combination	Max	32.33	33.77
463	463	Shell-Thick	334	SLU_ENV	Combination	Max	33.46	34.
463	463	Shell-Thick	35	SLU_ENV	Combination	Max	35.31	43.28
463	463	Shell-Thick	7	SLU_ENV	Combination	Min	-0.64	13.52
463	463	Shell-Thick	321	SLU_ENV	Combination	Min	-1.22	10.64
463	463	Shell-Thick	334	SLU_ENV	Combination	Min	-0.46	10.79
463	463	Shell-Thick	35	SLU_ENV	Combination	Min	0.12	13.68
463	463	Shell-Thick	7	SLV_Ex	Combination		-59.68	-42.26
463	463	Shell-Thick	321	SLV_Ex	Combination		-56.18	-24.73
463	463	Shell-Thick	334	SLV_Ex	Combination		-51.65	-23.83
463	463	Shell-Thick	35	SLV_Ex	Combination		-55.16	-41.35
464	464	Shell-Thick	321	SLU_ENV	Combination	Max	36.87	34.68
464	464	Shell-Thick	322	SLU_ENV	Combination	Max	35.36	27.11
464	464	Shell-Thick	335	SLU_ENV	Combination	Max	35.9	27.21
464	464	Shell-Thick	334	SLU_ENV	Combination	Max	37.41	34.79
464	464	Shell-Thick	321	SLU_ENV	Combination	Min	-8.181E-02	10.87
464	464	Shell-Thick	322	SLU_ENV	Combination	Min	-0.54	8.56
464	464	Shell-Thick	335	SLU_ENV	Combination	Min	0.43	8.76
464	464	Shell-Thick	334	SLU_ENV	Combination	Min	0.89	11.06
464	464	Shell-Thick	321	SLV_Ex	Combination		-70.05	-27.51
464	464	Shell-Thick	322	SLV_Ex	Combination		-66.49	-9.71
464	464	Shell-Thick	335	SLV_Ex	Combination		-54.75	-7.36
464	464	Shell-Thick	334	SLV_Ex	Combination		-58.31	-25.16
465	465	Shell-Thick	322	SLU_ENV	Combination	Max	40.82	28.2
465	465	Shell-Thick	323	SLU_ENV	Combination	Max	39.73	22.73
465	465	Shell-Thick	336	SLU_ENV	Combination	Max	37.64	22.31
465	465	Shell-Thick	335	SLU_ENV	Combination	Max	38.73	27.78
465	465	Shell-Thick	322	SLU_ENV	Combination	Min	1.06	8.88
465	465	Shell-Thick	323	SLU_ENV	Combination	Min	0.74	7.26
465	465	Shell-Thick	336	SLU_ENV	Combination	Min	0.96	7.31
465	465	Shell-Thick	335	SLU_ENV	Combination	Min	1.29	8.93

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
465	465	Shell-Thick	322	SLV_Ex	Combination		-65.91	-9.6
465	465	Shell-Thick	323	SLV_Ex	Combination		-64.58	-2.96
465	465	Shell-Thick	336	SLV_Ex	Combination		-63.12	-2.67
465	465	Shell-Thick	335	SLV_Ex	Combination		-64.44	-9.3
466	466	Shell-Thick	323	SLU_ENV	Combination	Max	42.35	23.25
466	466	Shell-Thick	324	SLU_ENV	Combination	Max	41.94	21.22
466	466	Shell-Thick	337	SLU_ENV	Combination	Max	39.19	20.66
466	466	Shell-Thick	336	SLU_ENV	Combination	Max	39.6	22.7
466	466	Shell-Thick	323	SLU_ENV	Combination	Min	1.38	7.39
466	466	Shell-Thick	324	SLU_ENV	Combination	Min	1.26	6.75
466	466	Shell-Thick	337	SLU_ENV	Combination	Min	1.47	6.8
466	466	Shell-Thick	336	SLU_ENV	Combination	Min	1.6	7.43
466	466	Shell-Thick	323	SLV_Ex	Combination		-72.72	-4.59
466	466	Shell-Thick	324	SLV_Ex	Combination		-71.63	0.86
466	466	Shell-Thick	337	SLV_Ex	Combination		-60.15	3.15
466	466	Shell-Thick	336	SLV_Ex	Combination		-61.24	-2.3
467	467	Shell-Thick	324	SLU_ENV	Combination	Max	41.94	21.22
467	467	Shell-Thick	325	SLU_ENV	Combination	Max	42.35	23.25
467	467	Shell-Thick	338	SLU_ENV	Combination	Max	39.6	22.7
467	467	Shell-Thick	337	SLU_ENV	Combination	Max	39.19	20.66
467	467	Shell-Thick	324	SLU_ENV	Combination	Min	1.26	6.75
467	467	Shell-Thick	325	SLU_ENV	Combination	Min	1.38	7.39
467	467	Shell-Thick	338	SLU_ENV	Combination	Min	1.6	7.43
467	467	Shell-Thick	337	SLU_ENV	Combination	Min	1.47	6.8
467	467	Shell-Thick	324	SLV_Ex	Combination		-65.49	2.09
467	467	Shell-Thick	325	SLV_Ex	Combination		-63.95	9.79
467	467	Shell-Thick	338	SLV_Ex	Combination		-65.22	9.54
467	467	Shell-Thick	337	SLV_Ex	Combination		-66.76	1.83
468	468	Shell-Thick	325	SLU_ENV	Combination	Max	39.73	22.73
468	468	Shell-Thick	332	SLU_ENV	Combination	Max	40.82	28.2
468	468	Shell-Thick	339	SLU_ENV	Combination	Max	38.73	27.78
468	468	Shell-Thick	338	SLU_ENV	Combination	Max	37.64	22.31
468	468	Shell-Thick	325	SLU_ENV	Combination	Min	0.74	7.26
468	468	Shell-Thick	332	SLU_ENV	Combination	Min	1.06	8.88
468	468	Shell-Thick	339	SLU_ENV	Combination	Min	1.29	8.93
468	468	Shell-Thick	338	SLU_ENV	Combination	Min	0.96	7.31
468	468	Shell-Thick	325	SLV_Ex	Combination		-71.54	8.27
468	468	Shell-Thick	332	SLV_Ex	Combination		-69.13	20.29
468	468	Shell-Thick	339	SLV_Ex	Combination		-62.31	21.66
468	468	Shell-Thick	338	SLV_Ex	Combination		-64.71	9.64
469	469	Shell-Thick	332	SLU_ENV	Combination	Max	35.36	27.11
469	469	Shell-Thick	333	SLU_ENV	Combination	Max	36.87	34.68
469	469	Shell-Thick	340	SLU_ENV	Combination	Max	37.41	34.79
469	469	Shell-Thick	339	SLU_ENV	Combination	Max	35.9	27.22
469	469	Shell-Thick	332	SLU_ENV	Combination	Min	-0.54	8.56
469	469	Shell-Thick	333	SLU_ENV	Combination	Min	-8.180E-02	10.87
469	469	Shell-Thick	340	SLU_ENV	Combination	Min	0.89	11.06
469	469	Shell-Thick	339	SLU_ENV	Combination	Min	0.43	8.76
469	469	Shell-Thick	332	SLV_Ex	Combination		-71.01	19.92
469	469	Shell-Thick	333	SLV_Ex	Combination		-65.47	47.62
469	469	Shell-Thick	340	SLV_Ex	Combination		-67.67	47.18
469	469	Shell-Thick	339	SLV_Ex	Combination		-73.21	19.48
470	470	Shell-Thick	333	SLU_ENV	Combination	Max	32.33	33.77
470	470	Shell-Thick	349	SLU_ENV	Combination	Max	34.19	43.05

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
470	470	Shell-Thick	367	SLU_ENV	Combination	Max	35.31	43.28
470	470	Shell-Thick	340	SLU_ENV	Combination	Max	33.46	34.
470	470	Shell-Thick	333	SLU_ENV	Combination	Min	-1.22	10.64
470	470	Shell-Thick	349	SLU_ENV	Combination	Min	-0.64	13.52
470	470	Shell-Thick	367	SLU_ENV	Combination	Min	0.12	13.68
470	470	Shell-Thick	340	SLU_ENV	Combination	Min	-0.46	10.79
470	470	Shell-Thick	333	SLV_Ex	Combination		-80.07	44.7
470	470	Shell-Thick	349	SLV_Ex	Combination		-72.99	80.08
470	470	Shell-Thick	367	SLV_Ex	Combination		-71.79	80.32
470	470	Shell-Thick	340	SLV_Ex	Combination		-78.86	44.94
471	471	Shell-Thick	35	SLU_ENV	Combination	Max	34.78	40.61
471	471	Shell-Thick	334	SLU_ENV	Combination	Max	33.25	32.97
471	471	Shell-Thick	341	SLU_ENV	Combination	Max	32.6	32.84
471	471	Shell-Thick	62	SLU_ENV	Combination	Max	34.13	40.48
471	471	Shell-Thick	35	SLU_ENV	Combination	Min	0.1	13.61
471	471	Shell-Thick	334	SLU_ENV	Combination	Min	-0.42	11.
471	471	Shell-Thick	341	SLU_ENV	Combination	Min	4.443E-02	11.09
471	471	Shell-Thick	62	SLU_ENV	Combination	Min	0.57	13.7
471	471	Shell-Thick	35	SLV_Ex	Combination		-56.11	-46.1
471	471	Shell-Thick	334	SLV_Ex	Combination		-52.55	-28.31
471	471	Shell-Thick	341	SLV_Ex	Combination		-46.52	-27.1
471	471	Shell-Thick	62	SLV_Ex	Combination		-50.08	-44.9
472	472	Shell-Thick	334	SLU_ENV	Combination	Max	37.21	33.76
472	472	Shell-Thick	335	SLU_ENV	Combination	Max	36.02	27.85
472	472	Shell-Thick	342	SLU_ENV	Combination	Max	34.39	27.52
472	472	Shell-Thick	341	SLU_ENV	Combination	Max	35.57	33.43
472	472	Shell-Thick	334	SLU_ENV	Combination	Min	0.93	11.27
472	472	Shell-Thick	335	SLU_ENV	Combination	Min	0.52	9.19
472	472	Shell-Thick	342	SLU_ENV	Combination	Min	0.76	9.24
472	472	Shell-Thick	341	SLU_ENV	Combination	Min	1.17	11.31
472	472	Shell-Thick	334	SLV_Ex	Combination		-59.2	-29.64
472	472	Shell-Thick	335	SLV_Ex	Combination		-56.51	-16.19
472	472	Shell-Thick	342	SLV_Ex	Combination		-54.	-15.69
472	472	Shell-Thick	341	SLV_Ex	Combination		-56.69	-29.13
473	473	Shell-Thick	335	SLU_ENV	Combination	Max	38.86	28.42
473	473	Shell-Thick	336	SLU_ENV	Combination	Max	38.08	24.53
473	473	Shell-Thick	343	SLU_ENV	Combination	Max	36.07	24.13
473	473	Shell-Thick	342	SLU_ENV	Combination	Max	36.85	28.01
473	473	Shell-Thick	335	SLU_ENV	Combination	Min	1.37	9.36
473	473	Shell-Thick	336	SLU_ENV	Combination	Min	1.11	8.03
473	473	Shell-Thick	343	SLU_ENV	Combination	Min	1.42	8.09
473	473	Shell-Thick	342	SLU_ENV	Combination	Min	1.69	9.43
473	473	Shell-Thick	335	SLV_Ex	Combination		-66.21	-18.13
473	473	Shell-Thick	336	SLV_Ex	Combination		-63.84	-6.26
473	473	Shell-Thick	343	SLV_Ex	Combination		-54.61	-4.41
473	473	Shell-Thick	342	SLV_Ex	Combination		-56.99	-16.28
474	474	Shell-Thick	336	SLU_ENV	Combination	Max	40.04	24.92
474	474	Shell-Thick	337	SLU_ENV	Combination	Max	39.76	23.54
474	474	Shell-Thick	350	SLU_ENV	Combination	Max	37.03	22.99
474	474	Shell-Thick	343	SLU_ENV	Combination	Max	37.3	24.37
474	474	Shell-Thick	336	SLU_ENV	Combination	Min	1.74	8.15
474	474	Shell-Thick	337	SLU_ENV	Combination	Min	1.65	7.7
474	474	Shell-Thick	350	SLU_ENV	Combination	Min	1.76	7.72
474	474	Shell-Thick	343	SLU_ENV	Combination	Min	1.85	8.18

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
474	474	Shell-Thick	336	SLV_Ex	Combination		-61.95	-5.88
474	474	Shell-Thick	337	SLV_Ex	Combination		-60.09	3.42
474	474	Shell-Thick	350	SLV_Ex	Combination		-60.61	3.32
474	474	Shell-Thick	343	SLV_Ex	Combination		-62.47	-5.98
475	475	Shell-Thick	337	SLU_ENV	Combination	Max	39.76	23.54
475	475	Shell-Thick	338	SLU_ENV	Combination	Max	40.04	24.92
475	475	Shell-Thick	351	SLU_ENV	Combination	Max	37.3	24.37
475	475	Shell-Thick	350	SLU_ENV	Combination	Max	37.03	22.99
475	475	Shell-Thick	337	SLU_ENV	Combination	Min	1.65	7.7
475	475	Shell-Thick	338	SLU_ENV	Combination	Min	1.74	8.15
475	475	Shell-Thick	351	SLU_ENV	Combination	Min	1.85	8.18
475	475	Shell-Thick	350	SLU_ENV	Combination	Min	1.76	7.72
475	475	Shell-Thick	337	SLV_Ex	Combination		-66.71	2.1
475	475	Shell-Thick	338	SLV_Ex	Combination		-64.48	13.23
475	475	Shell-Thick	351	SLV_Ex	Combination		-58.43	14.44
475	475	Shell-Thick	350	SLV_Ex	Combination		-60.66	3.31
476	476	Shell-Thick	338	SLU_ENV	Combination	Max	38.08	24.53
476	476	Shell-Thick	339	SLU_ENV	Combination	Max	38.86	28.42
476	476	Shell-Thick	352	SLU_ENV	Combination	Max	36.85	28.01
476	476	Shell-Thick	351	SLU_ENV	Combination	Max	36.07	24.13
476	476	Shell-Thick	338	SLU_ENV	Combination	Min	1.11	8.03
476	476	Shell-Thick	339	SLU_ENV	Combination	Min	1.37	9.36
476	476	Shell-Thick	352	SLU_ENV	Combination	Min	1.69	9.43
476	476	Shell-Thick	351	SLU_ENV	Combination	Min	1.42	8.09
476	476	Shell-Thick	338	SLV_Ex	Combination		-63.98	13.33
476	476	Shell-Thick	339	SLV_Ex	Combination		-60.35	31.47
476	476	Shell-Thick	352	SLV_Ex	Combination		-63.89	30.76
476	476	Shell-Thick	351	SLV_Ex	Combination		-67.51	12.62
477	477	Shell-Thick	339	SLU_ENV	Combination	Max	36.03	27.85
477	477	Shell-Thick	340	SLU_ENV	Combination	Max	37.21	33.76
477	477	Shell-Thick	353	SLU_ENV	Combination	Max	35.57	33.44
477	477	Shell-Thick	352	SLU_ENV	Combination	Max	34.39	27.52
477	477	Shell-Thick	339	SLU_ENV	Combination	Min	0.52	9.19
477	477	Shell-Thick	340	SLU_ENV	Combination	Min	0.93	11.27
477	477	Shell-Thick	353	SLU_ENV	Combination	Min	1.17	11.31
477	477	Shell-Thick	352	SLU_ENV	Combination	Min	0.76	9.24
477	477	Shell-Thick	339	SLV_Ex	Combination		-71.25	29.29
477	477	Shell-Thick	340	SLV_Ex	Combination		-66.44	53.34
477	477	Shell-Thick	353	SLV_Ex	Combination		-65.6	53.51
477	477	Shell-Thick	352	SLV_Ex	Combination		-70.41	29.46
478	478	Shell-Thick	340	SLU_ENV	Combination	Max	33.25	32.97
478	478	Shell-Thick	367	SLU_ENV	Combination	Max	34.78	40.62
478	478	Shell-Thick	385	SLU_ENV	Combination	Max	34.13	40.49
478	478	Shell-Thick	353	SLU_ENV	Combination	Max	32.6	32.84
478	478	Shell-Thick	340	SLU_ENV	Combination	Min	-0.42	11.
478	478	Shell-Thick	367	SLU_ENV	Combination	Min	0.1	13.61
478	478	Shell-Thick	385	SLU_ENV	Combination	Min	0.57	13.7
478	478	Shell-Thick	353	SLU_ENV	Combination	Min	4.459E-02	11.09
478	478	Shell-Thick	340	SLV_Ex	Combination		-77.63	51.11
478	478	Shell-Thick	367	SLV_Ex	Combination		-70.86	84.92
478	478	Shell-Thick	385	SLV_Ex	Combination		-73.51	84.39
478	478	Shell-Thick	353	SLV_Ex	Combination		-80.27	50.58
479	479	Shell-Thick	62	SLU_ENV	Combination	Max	33.57	37.7
479	479	Shell-Thick	341	SLU_ENV	Combination	Max	32.44	32.07

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
479	479	Shell-Thick	354	SLU_ENV	Combination	Max	30.44	31.67
479	479	Shell-Thick	89	SLU_ENV	Combination	Max	31.56	37.3
479	479	Shell-Thick	62	SLU_ENV	Combination	Min	0.55	13.62
479	479	Shell-Thick	341	SLU_ENV	Combination	Min	7.265E-02	11.23
479	479	Shell-Thick	354	SLU_ENV	Combination	Min	0.15	11.25
479	479	Shell-Thick	89	SLU_ENV	Combination	Min	0.62	13.63
479	479	Shell-Thick	62	SLV_Ex	Combination		-50.41	-46.57
479	479	Shell-Thick	341	SLV_Ex	Combination		-47.33	-31.14
479	479	Shell-Thick	354	SLV_Ex	Combination		-46.44	-30.97
479	479	Shell-Thick	89	SLV_Ex	Combination		-49.52	-46.39
480	480	Shell-Thick	341	SLU_ENV	Combination	Max	35.41	32.67
480	480	Shell-Thick	342	SLU_ENV	Combination	Max	34.44	27.82
480	480	Shell-Thick	355	SLU_ENV	Combination	Max	32.17	27.36
480	480	Shell-Thick	354	SLU_ENV	Combination	Max	33.14	32.21
480	480	Shell-Thick	341	SLU_ENV	Combination	Min	1.2	11.46
480	480	Shell-Thick	342	SLU_ENV	Combination	Min	0.81	9.51
480	480	Shell-Thick	355	SLU_ENV	Combination	Min	0.96	9.54
480	480	Shell-Thick	354	SLU_ENV	Combination	Min	1.35	11.48
480	480	Shell-Thick	341	SLV_Ex	Combination		-57.49	-33.18
480	480	Shell-Thick	342	SLV_Ex	Combination		-54.6	-18.69
480	480	Shell-Thick	355	SLV_Ex	Combination		-49.4	-17.65
480	480	Shell-Thick	354	SLV_Ex	Combination		-52.3	-32.14
481	481	Shell-Thick	342	SLU_ENV	Combination	Max	36.9	28.31
481	481	Shell-Thick	343	SLU_ENV	Combination	Max	36.28	25.17
481	481	Shell-Thick	356	SLU_ENV	Combination	Max	33.58	24.63
481	481	Shell-Thick	355	SLU_ENV	Combination	Max	34.21	27.77
481	481	Shell-Thick	342	SLU_ENV	Combination	Min	1.75	9.7
481	481	Shell-Thick	343	SLU_ENV	Combination	Min	1.5	8.47
481	481	Shell-Thick	356	SLU_ENV	Combination	Min	1.52	8.47
481	481	Shell-Thick	355	SLU_ENV	Combination	Min	1.77	9.7
481	481	Shell-Thick	342	SLV_Ex	Combination		-57.59	-19.29
481	481	Shell-Thick	343	SLV_Ex	Combination		-55.15	-7.08
481	481	Shell-Thick	356	SLV_Ex	Combination		-55.89	-7.23
481	481	Shell-Thick	355	SLV_Ex	Combination		-58.33	-19.44
482	482	Shell-Thick	343	SLU_ENV	Combination	Max	37.51	25.42
482	482	Shell-Thick	350	SLU_ENV	Combination	Max	37.3	24.33
482	482	Shell-Thick	357	SLU_ENV	Combination	Max	34.57	23.79
482	482	Shell-Thick	356	SLU_ENV	Combination	Max	34.78	24.87
482	482	Shell-Thick	343	SLU_ENV	Combination	Min	1.93	8.55
482	482	Shell-Thick	350	SLU_ENV	Combination	Min	1.84	8.13
482	482	Shell-Thick	357	SLU_ENV	Combination	Min	1.92	8.15
482	482	Shell-Thick	356	SLU_ENV	Combination	Min	2.	8.57
482	482	Shell-Thick	343	SLV_Ex	Combination		-63.	-8.65
482	482	Shell-Thick	350	SLV_Ex	Combination		-60.57	3.51
482	482	Shell-Thick	357	SLV_Ex	Combination		-54.92	4.64
482	482	Shell-Thick	356	SLV_Ex	Combination		-57.35	-7.52
483	483	Shell-Thick	350	SLU_ENV	Combination	Max	37.3	24.33
483	483	Shell-Thick	351	SLU_ENV	Combination	Max	37.51	25.42
483	483	Shell-Thick	358	SLU_ENV	Combination	Max	34.78	24.87
483	483	Shell-Thick	357	SLU_ENV	Combination	Max	34.57	23.79
483	483	Shell-Thick	350	SLU_ENV	Combination	Min	1.84	8.13
483	483	Shell-Thick	351	SLU_ENV	Combination	Min	1.93	8.55
483	483	Shell-Thick	358	SLU_ENV	Combination	Min	2.	8.57
483	483	Shell-Thick	357	SLU_ENV	Combination	Min	1.92	8.15

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
483	483	Shell-Thick	350	SLV_Ex	Combination		-60.62	3.5
483	483	Shell-Thick	351	SLV_Ex	Combination		-57.75	17.87
483	483	Shell-Thick	358	SLV_Ex	Combination		-60.67	17.28
483	483	Shell-Thick	357	SLV_Ex	Combination		-63.54	2.91
484	484	Shell-Thick	351	SLU_ENV	Combination	Max	36.28	25.17
484	484	Shell-Thick	352	SLU_ENV	Combination	Max	36.9	28.31
484	484	Shell-Thick	359	SLU_ENV	Combination	Max	34.21	27.77
484	484	Shell-Thick	358	SLU_ENV	Combination	Max	33.58	24.63
484	484	Shell-Thick	351	SLU_ENV	Combination	Min	1.5	8.47
484	484	Shell-Thick	352	SLU_ENV	Combination	Min	1.75	9.7
484	484	Shell-Thick	359	SLU_ENV	Combination	Min	1.77	9.7
484	484	Shell-Thick	358	SLU_ENV	Combination	Min	1.52	8.47
484	484	Shell-Thick	351	SLV_Ex	Combination		-66.83	16.05
484	484	Shell-Thick	352	SLV_Ex	Combination		-63.08	34.77
484	484	Shell-Thick	359	SLV_Ex	Combination		-60.48	35.29
484	484	Shell-Thick	358	SLV_Ex	Combination		-64.22	16.57
485	485	Shell-Thick	352	SLU_ENV	Combination	Max	34.44	27.82
485	485	Shell-Thick	353	SLU_ENV	Combination	Max	35.41	32.67
485	485	Shell-Thick	360	SLU_ENV	Combination	Max	33.14	32.21
485	485	Shell-Thick	359	SLU_ENV	Combination	Max	32.17	27.36
485	485	Shell-Thick	352	SLU_ENV	Combination	Min	0.81	9.51
485	485	Shell-Thick	353	SLU_ENV	Combination	Min	1.2	11.46
485	485	Shell-Thick	360	SLU_ENV	Combination	Min	1.35	11.48
485	485	Shell-Thick	359	SLU_ENV	Combination	Min	0.96	9.54
485	485	Shell-Thick	352	SLV_Ex	Combination		-69.61	33.46
485	485	Shell-Thick	353	SLV_Ex	Combination		-64.57	58.66
485	485	Shell-Thick	360	SLV_Ex	Combination		-67.83	58.01
485	485	Shell-Thick	359	SLV_Ex	Combination		-72.87	32.81
486	486	Shell-Thick	353	SLU_ENV	Combination	Max	32.45	32.07
486	486	Shell-Thick	385	SLU_ENV	Combination	Max	33.57	37.7
486	486	Shell-Thick	403	SLU_ENV	Combination	Max	31.56	37.3
486	486	Shell-Thick	360	SLU_ENV	Combination	Max	30.44	31.67
486	486	Shell-Thick	353	SLU_ENV	Combination	Min	7.280E-02	11.23
486	486	Shell-Thick	385	SLU_ENV	Combination	Min	0.55	13.62
486	486	Shell-Thick	403	SLU_ENV	Combination	Min	0.62	13.63
486	486	Shell-Thick	360	SLU_ENV	Combination	Min	0.15	11.25
486	486	Shell-Thick	353	SLV_Ex	Combination		-79.24	55.72
486	486	Shell-Thick	385	SLV_Ex	Combination		-73.31	85.35
486	486	Shell-Thick	403	SLV_Ex	Combination		-73.51	85.32
486	486	Shell-Thick	360	SLV_Ex	Combination		-79.43	55.69
487	487	Shell-Thick	89	SLU_ENV	Combination	Max	31.13	35.11
487	487	Shell-Thick	354	SLU_ENV	Combination	Max	30.26	30.77
487	487	Shell-Thick	361	SLU_ENV	Combination	Max	27.87	30.29
487	487	Shell-Thick	142	SLU_ENV	Combination	Max	28.74	34.64
487	487	Shell-Thick	89	SLU_ENV	Combination	Min	0.61	13.58
487	487	Shell-Thick	354	SLU_ENV	Combination	Min	0.15	11.25
487	487	Shell-Thick	361	SLU_ENV	Combination	Min	0.15	11.25
487	487	Shell-Thick	142	SLU_ENV	Combination	Min	0.61	13.58
487	487	Shell-Thick	89	SLV_Ex	Combination		-49.6	-46.77
487	487	Shell-Thick	354	SLV_Ex	Combination		-46.63	-31.95
487	487	Shell-Thick	361	SLV_Ex	Combination		-44.67	-31.56
487	487	Shell-Thick	142	SLV_Ex	Combination		-47.63	-46.37
488	488	Shell-Thick	354	SLU_ENV	Combination	Max	32.96	31.31
488	488	Shell-Thick	355	SLU_ENV	Combination	Max	32.13	27.15

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
488	488	Shell-Thick	368	SLU_ENV	Combination	Max	29.32	26.58
488	488	Shell-Thick	361	SLU_ENV	Combination	Max	30.16	30.75
488	488	Shell-Thick	354	SLU_ENV	Combination	Min	1.35	11.49
488	488	Shell-Thick	355	SLU_ENV	Combination	Min	0.97	9.58
488	488	Shell-Thick	368	SLU_ENV	Combination	Min	0.84	9.56
488	488	Shell-Thick	361	SLU_ENV	Combination	Min	1.22	11.47
488	488	Shell-Thick	354	SLV_Ex	Combination		-52.49	-33.12
488	488	Shell-Thick	355	SLV_Ex	Combination		-49.56	-18.44
488	488	Shell-Thick	368	SLV_Ex	Combination		-51.88	-18.91
488	488	Shell-Thick	361	SLV_Ex	Combination		-54.82	-33.59
489	489	Shell-Thick	355	SLU_ENV	Combination	Max	34.17	27.55
489	489	Shell-Thick	356	SLU_ENV	Combination	Max	33.62	24.8
489	489	Shell-Thick	369	SLU_ENV	Combination	Max	30.94	24.27
489	489	Shell-Thick	368	SLU_ENV	Combination	Max	31.49	27.02
489	489	Shell-Thick	355	SLU_ENV	Combination	Min	1.77	9.74
489	489	Shell-Thick	356	SLU_ENV	Combination	Min	1.53	8.54
489	489	Shell-Thick	369	SLU_ENV	Combination	Min	1.53	8.54
489	489	Shell-Thick	368	SLU_ENV	Combination	Min	1.77	9.74
489	489	Shell-Thick	355	SLV_Ex	Combination		-58.49	-20.23
489	489	Shell-Thick	356	SLV_Ex	Combination		-56.02	-7.87
489	489	Shell-Thick	369	SLV_Ex	Combination		-52.51	-7.17
489	489	Shell-Thick	368	SLV_Ex	Combination		-54.98	-19.53
490	490	Shell-Thick	356	SLU_ENV	Combination	Max	34.82	25.04
490	490	Shell-Thick	357	SLU_ENV	Combination	Max	34.62	24.05
490	490	Shell-Thick	370	SLU_ENV	Combination	Max	31.77	23.48
490	490	Shell-Thick	369	SLU_ENV	Combination	Max	31.97	24.47
490	490	Shell-Thick	356	SLU_ENV	Combination	Min	2.01	8.64
490	490	Shell-Thick	357	SLU_ENV	Combination	Min	1.93	8.21
490	490	Shell-Thick	370	SLU_ENV	Combination	Min	1.85	8.19
490	490	Shell-Thick	369	SLU_ENV	Combination	Min	1.93	8.62
490	490	Shell-Thick	356	SLV_Ex	Combination		-57.48	-8.16
490	490	Shell-Thick	357	SLV_Ex	Combination		-54.9	4.75
490	490	Shell-Thick	370	SLV_Ex	Combination		-58.71	3.99
490	490	Shell-Thick	369	SLV_Ex	Combination		-61.29	-8.92
491	491	Shell-Thick	357	SLU_ENV	Combination	Max	34.62	24.05
491	491	Shell-Thick	358	SLU_ENV	Combination	Max	34.82	25.04
491	491	Shell-Thick	371	SLU_ENV	Combination	Max	31.97	24.47
491	491	Shell-Thick	370	SLU_ENV	Combination	Max	31.77	23.48
491	491	Shell-Thick	357	SLU_ENV	Combination	Min	1.93	8.21
491	491	Shell-Thick	358	SLU_ENV	Combination	Min	2.01	8.64
491	491	Shell-Thick	371	SLU_ENV	Combination	Min	1.94	8.62
491	491	Shell-Thick	370	SLU_ENV	Combination	Min	1.85	8.19
491	491	Shell-Thick	357	SLV_Ex	Combination		-63.52	3.03
491	491	Shell-Thick	358	SLV_Ex	Combination		-60.48	18.24
491	491	Shell-Thick	371	SLV_Ex	Combination		-56.67	19.
491	491	Shell-Thick	370	SLV_Ex	Combination		-59.71	3.79
492	492	Shell-Thick	358	SLU_ENV	Combination	Max	33.62	24.8
492	492	Shell-Thick	359	SLU_ENV	Combination	Max	34.17	27.55
492	492	Shell-Thick	372	SLU_ENV	Combination	Max	31.49	27.02
492	492	Shell-Thick	371	SLU_ENV	Combination	Max	30.94	24.27
492	492	Shell-Thick	358	SLU_ENV	Combination	Min	1.53	8.54
492	492	Shell-Thick	359	SLU_ENV	Combination	Min	1.77	9.74
492	492	Shell-Thick	372	SLU_ENV	Combination	Min	1.77	9.74
492	492	Shell-Thick	371	SLU_ENV	Combination	Min	1.53	8.54

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
492	492	Shell-Thick	358	SLV_Ex	Combination		-64.03	17.52
492	492	Shell-Thick	359	SLV_Ex	Combination		-60.25	36.46
492	492	Shell-Thick	372	SLV_Ex	Combination		-63.25	35.85
492	492	Shell-Thick	371	SLV_Ex	Combination		-67.04	16.92
493	493	Shell-Thick	359	SLU_ENV	Combination	Max	32.13	27.15
493	493	Shell-Thick	360	SLU_ENV	Combination	Max	32.96	31.31
493	493	Shell-Thick	373	SLU_ENV	Combination	Max	30.16	30.75
493	493	Shell-Thick	372	SLU_ENV	Combination	Max	29.32	26.58
493	493	Shell-Thick	359	SLU_ENV	Combination	Min	0.97	9.58
493	493	Shell-Thick	360	SLU_ENV	Combination	Min	1.35	11.49
493	493	Shell-Thick	373	SLU_ENV	Combination	Min	1.22	11.47
493	493	Shell-Thick	372	SLU_ENV	Combination	Min	0.84	9.56
493	493	Shell-Thick	359	SLV_Ex	Combination		-72.64	33.98
493	493	Shell-Thick	360	SLV_Ex	Combination		-67.58	59.29
493	493	Shell-Thick	373	SLV_Ex	Combination		-65.53	59.69
493	493	Shell-Thick	372	SLV_Ex	Combination		-70.59	34.39
494	494	Shell-Thick	360	SLU_ENV	Combination	Max	30.26	30.77
494	494	Shell-Thick	403	SLU_ENV	Combination	Max	31.13	35.11
494	494	Shell-Thick	421	SLU_ENV	Combination	Max	28.74	34.64
494	494	Shell-Thick	373	SLU_ENV	Combination	Max	27.87	30.29
494	494	Shell-Thick	360	SLU_ENV	Combination	Min	0.15	11.25
494	494	Shell-Thick	403	SLU_ENV	Combination	Min	0.61	13.58
494	494	Shell-Thick	421	SLU_ENV	Combination	Min	0.61	13.58
494	494	Shell-Thick	373	SLU_ENV	Combination	Min	0.15	11.25
494	494	Shell-Thick	360	SLV_Ex	Combination		-79.18	56.97
494	494	Shell-Thick	403	SLV_Ex	Combination		-73.54	85.13
494	494	Shell-Thick	421	SLV_Ex	Combination		-75.01	84.84
494	494	Shell-Thick	373	SLV_Ex	Combination		-80.64	56.67
495	495	Shell-Thick	142	SLU_ENV	Combination	Max	28.44	33.82
495	495	Shell-Thick	361	SLU_ENV	Combination	Max	27.67	29.3
495	495	Shell-Thick	374	SLU_ENV	Combination	Max	24.63	28.69
495	495	Shell-Thick	169	SLU_ENV	Combination	Max	25.4	33.64
495	495	Shell-Thick	142	SLU_ENV	Combination	Min	0.61	12.9
495	495	Shell-Thick	361	SLU_ENV	Combination	Min	0.12	11.13
495	495	Shell-Thick	374	SLU_ENV	Combination	Min	-0.25	11.06
495	495	Shell-Thick	169	SLU_ENV	Combination	Min	0.24	12.4
495	495	Shell-Thick	142	SLV_Ex	Combination		-47.58	-46.1
495	495	Shell-Thick	361	SLV_Ex	Combination		-44.16	-29.02
495	495	Shell-Thick	374	SLV_Ex	Combination		-47.56	-29.69
495	495	Shell-Thick	169	SLV_Ex	Combination		-50.97	-46.78
496	496	Shell-Thick	361	SLU_ENV	Combination	Max	29.96	29.75
496	496	Shell-Thick	368	SLU_ENV	Combination	Max	29.17	25.81
496	496	Shell-Thick	375	SLU_ENV	Combination	Max	26.51	25.28
496	496	Shell-Thick	374	SLU_ENV	Combination	Max	27.3	29.22
496	496	Shell-Thick	361	SLU_ENV	Combination	Min	1.2	11.35
496	496	Shell-Thick	368	SLU_ENV	Combination	Min	0.8	9.37
496	496	Shell-Thick	375	SLU_ENV	Combination	Min	0.68	9.34
496	496	Shell-Thick	374	SLU_ENV	Combination	Min	1.07	11.32
496	496	Shell-Thick	361	SLV_Ex	Combination		-54.31	-31.04
496	496	Shell-Thick	368	SLV_Ex	Combination		-51.76	-18.29
496	496	Shell-Thick	375	SLV_Ex	Combination		-51.	-18.14
496	496	Shell-Thick	374	SLV_Ex	Combination		-53.55	-30.89
497	497	Shell-Thick	368	SLU_ENV	Combination	Max	31.33	26.24
497	497	Shell-Thick	369	SLU_ENV	Combination	Max	30.79	23.51

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
497	497	Shell-Thick	376	SLU_ENV	Combination	Max	27.8	22.92
497	497	Shell-Thick	375	SLU_ENV	Combination	Max	28.35	25.64
497	497	Shell-Thick	368	SLU_ENV	Combination	Min	1.73	9.55
497	497	Shell-Thick	369	SLU_ENV	Combination	Min	1.48	8.28
497	497	Shell-Thick	376	SLU_ENV	Combination	Min	1.17	8.21
497	497	Shell-Thick	375	SLU_ENV	Combination	Min	1.43	9.49
497	497	Shell-Thick	368	SLV_Ex	Combination		-54.85	-18.91
497	497	Shell-Thick	369	SLV_Ex	Combination		-52.16	-5.46
497	497	Shell-Thick	376	SLV_Ex	Combination		-59.32	-6.89
497	497	Shell-Thick	375	SLV_Ex	Combination		-62.01	-20.34
498	498	Shell-Thick	369	SLU_ENV	Combination	Max	31.82	23.72
498	498	Shell-Thick	370	SLU_ENV	Combination	Max	31.64	22.82
498	498	Shell-Thick	377	SLU_ENV	Combination	Max	29.05	22.3
498	498	Shell-Thick	376	SLU_ENV	Combination	Max	29.23	23.2
498	498	Shell-Thick	369	SLU_ENV	Combination	Min	1.88	8.36
498	498	Shell-Thick	370	SLU_ENV	Combination	Min	1.8	7.96
498	498	Shell-Thick	377	SLU_ENV	Combination	Min	1.69	7.93
498	498	Shell-Thick	376	SLU_ENV	Combination	Min	1.77	8.33
498	498	Shell-Thick	369	SLV_Ex	Combination		-60.95	-7.21
498	498	Shell-Thick	370	SLV_Ex	Combination		-58.71	3.94
498	498	Shell-Thick	377	SLV_Ex	Combination		-56.22	4.44
498	498	Shell-Thick	376	SLV_Ex	Combination		-58.45	-6.71
499	499	Shell-Thick	370	SLU_ENV	Combination	Max	31.64	22.82
499	499	Shell-Thick	371	SLU_ENV	Combination	Max	31.82	23.72
499	499	Shell-Thick	378	SLU_ENV	Combination	Max	29.23	23.2
499	499	Shell-Thick	377	SLU_ENV	Combination	Max	29.05	22.3
499	499	Shell-Thick	370	SLU_ENV	Combination	Min	1.8	7.96
499	499	Shell-Thick	371	SLU_ENV	Combination	Min	1.88	8.36
499	499	Shell-Thick	378	SLU_ENV	Combination	Min	1.77	8.33
499	499	Shell-Thick	377	SLU_ENV	Combination	Min	1.69	7.93
499	499	Shell-Thick	370	SLV_Ex	Combination		-59.72	3.74
499	499	Shell-Thick	371	SLV_Ex	Combination		-57.11	16.8
499	499	Shell-Thick	378	SLV_Ex	Combination		-61.64	15.89
499	499	Shell-Thick	377	SLV_Ex	Combination		-64.25	2.84
500	500	Shell-Thick	371	SLU_ENV	Combination	Max	30.79	23.51
500	500	Shell-Thick	372	SLU_ENV	Combination	Max	31.33	26.24
500	500	Shell-Thick	379	SLU_ENV	Combination	Max	28.35	25.64
500	500	Shell-Thick	378	SLU_ENV	Combination	Max	27.8	22.92
500	500	Shell-Thick	371	SLU_ENV	Combination	Min	1.48	8.28
500	500	Shell-Thick	372	SLU_ENV	Combination	Min	1.74	9.55
500	500	Shell-Thick	379	SLU_ENV	Combination	Min	1.43	9.49
500	500	Shell-Thick	378	SLU_ENV	Combination	Min	1.17	8.21
500	500	Shell-Thick	371	SLV_Ex	Combination		-67.48	14.73
500	500	Shell-Thick	372	SLV_Ex	Combination		-63.48	34.73
500	500	Shell-Thick	379	SLV_Ex	Combination		-58.77	35.67
500	500	Shell-Thick	378	SLV_Ex	Combination		-62.77	15.67
501	501	Shell-Thick	372	SLU_ENV	Combination	Max	29.17	25.81
501	501	Shell-Thick	373	SLU_ENV	Combination	Max	29.96	29.75
501	501	Shell-Thick	386	SLU_ENV	Combination	Max	27.3	29.22
501	501	Shell-Thick	379	SLU_ENV	Combination	Max	26.51	25.28
501	501	Shell-Thick	372	SLU_ENV	Combination	Min	0.8	9.37
501	501	Shell-Thick	373	SLU_ENV	Combination	Min	1.2	11.35
501	501	Shell-Thick	386	SLU_ENV	Combination	Min	1.07	11.32
501	501	Shell-Thick	379	SLU_ENV	Combination	Min	0.68	9.34

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
501	501	Shell-Thick	372	SLV_Ex	Combination		-70.82	33.26
501	501	Shell-Thick	373	SLV_Ex	Combination		-66.15	56.57
501	501	Shell-Thick	386	SLV_Ex	Combination		-67.38	56.33
501	501	Shell-Thick	379	SLV_Ex	Combination		-72.04	33.02
502	502	Shell-Thick	373	SLU_ENV	Combination	Max	27.67	29.3
502	502	Shell-Thick	421	SLU_ENV	Combination	Max	28.44	33.82
502	502	Shell-Thick	439	SLU_ENV	Combination	Max	25.4	33.64
502	502	Shell-Thick	386	SLU_ENV	Combination	Max	24.63	28.69
502	502	Shell-Thick	373	SLU_ENV	Combination	Min	0.12	11.13
502	502	Shell-Thick	421	SLU_ENV	Combination	Min	0.61	12.9
502	502	Shell-Thick	439	SLU_ENV	Combination	Min	0.24	12.4
502	502	Shell-Thick	386	SLU_ENV	Combination	Min	-0.25	11.06
502	502	Shell-Thick	373	SLV_Ex	Combination		-81.27	53.55
502	502	Shell-Thick	421	SLV_Ex	Combination		-75.09	84.44
502	502	Shell-Thick	439	SLV_Ex	Combination		-72.94	84.87
502	502	Shell-Thick	386	SLV_Ex	Combination		-79.11	53.98
503	503	Shell-Thick	169	SLU_ENV	Combination	Max	25.23	33.52
503	503	Shell-Thick	374	SLU_ENV	Combination	Max	24.43	27.68
503	503	Shell-Thick	387	SLU_ENV	Combination	Max	21.31	27.05
503	503	Shell-Thick	196	SLU_ENV	Combination	Max	22.11	33.23
503	503	Shell-Thick	169	SLU_ENV	Combination	Min	0.24	11.71
503	503	Shell-Thick	374	SLU_ENV	Combination	Min	-0.29	10.83
503	503	Shell-Thick	387	SLU_ENV	Combination	Min	-0.77	10.73
503	503	Shell-Thick	196	SLU_ENV	Combination	Min	-0.23	11.28
503	503	Shell-Thick	169	SLV_Ex	Combination		-50.24	-43.12
503	503	Shell-Thick	374	SLV_Ex	Combination		-47.31	-28.48
503	503	Shell-Thick	387	SLV_Ex	Combination		-47.47	-28.51
503	503	Shell-Thick	196	SLV_Ex	Combination		-50.4	-43.15
504	504	Shell-Thick	374	SLU_ENV	Combination	Max	27.1	28.21
504	504	Shell-Thick	375	SLU_ENV	Combination	Max	26.25	23.98
504	504	Shell-Thick	388	SLU_ENV	Combination	Max	22.46	23.22
504	504	Shell-Thick	387	SLU_ENV	Combination	Max	23.3	27.45
504	504	Shell-Thick	374	SLU_ENV	Combination	Min	1.03	11.09
504	504	Shell-Thick	375	SLU_ENV	Combination	Min	0.6	8.95
504	504	Shell-Thick	388	SLU_ENV	Combination	Min	-0.28	8.78
504	504	Shell-Thick	387	SLU_ENV	Combination	Min	0.15	10.92
504	504	Shell-Thick	374	SLV_Ex	Combination		-53.31	-29.68
504	504	Shell-Thick	375	SLV_Ex	Combination		-49.51	-10.66
504	504	Shell-Thick	388	SLV_Ex	Combination		-61.31	-13.02
504	504	Shell-Thick	387	SLV_Ex	Combination		-65.11	-32.04
505	505	Shell-Thick	375	SLU_ENV	Combination	Max	28.09	24.35
505	505	Shell-Thick	376	SLU_ENV	Combination	Max	27.49	21.33
505	505	Shell-Thick	389	SLU_ENV	Combination	Max	25.2	20.87
505	505	Shell-Thick	388	SLU_ENV	Combination	Max	25.8	23.89
505	505	Shell-Thick	375	SLU_ENV	Combination	Min	1.35	9.1
505	505	Shell-Thick	376	SLU_ENV	Combination	Min	1.06	7.69
505	505	Shell-Thick	389	SLU_ENV	Combination	Min	0.91	7.66
505	505	Shell-Thick	388	SLU_ENV	Combination	Min	1.19	9.07
505	505	Shell-Thick	375	SLV_Ex	Combination		-60.52	-12.86
505	505	Shell-Thick	376	SLV_Ex	Combination		-58.81	-4.35
505	505	Shell-Thick	389	SLV_Ex	Combination		-59.65	-4.52
505	505	Shell-Thick	388	SLV_Ex	Combination		-61.35	-13.03
506	506	Shell-Thick	376	SLU_ENV	Combination	Max	28.91	21.61
506	506	Shell-Thick	377	SLU_ENV	Combination	Max	28.65	20.31

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
506	506	Shell-Thick	390	SLU_ENV	Combination	Max	26.19	19.82
506	506	Shell-Thick	389	SLU_ENV	Combination	Max	26.46	21.12
506	506	Shell-Thick	376	SLU_ENV	Combination	Min	1.66	7.81
506	506	Shell-Thick	377	SLU_ENV	Combination	Min	1.54	7.2
506	506	Shell-Thick	390	SLU_ENV	Combination	Min	1.26	7.14
506	506	Shell-Thick	389	SLU_ENV	Combination	Min	1.38	7.75
506	506	Shell-Thick	376	SLV_Ex	Combination		-57.94	-4.18
506	506	Shell-Thick	377	SLV_Ex	Combination		-56.32	3.94
506	506	Shell-Thick	390	SLV_Ex	Combination		-66.13	1.98
506	506	Shell-Thick	389	SLV_Ex	Combination		-67.75	-6.14
507	507	Shell-Thick	377	SLU_ENV	Combination	Max	28.65	20.31
507	507	Shell-Thick	378	SLU_ENV	Combination	Max	28.91	21.61
507	507	Shell-Thick	391	SLU_ENV	Combination	Max	26.46	21.12
507	507	Shell-Thick	390	SLU_ENV	Combination	Max	26.19	19.82
507	507	Shell-Thick	377	SLU_ENV	Combination	Min	1.54	7.2
507	507	Shell-Thick	378	SLU_ENV	Combination	Min	1.66	7.81
507	507	Shell-Thick	391	SLU_ENV	Combination	Min	1.38	7.75
507	507	Shell-Thick	390	SLU_ENV	Combination	Min	1.26	7.14
507	507	Shell-Thick	377	SLV_Ex	Combination		-64.35	2.34
507	507	Shell-Thick	378	SLV_Ex	Combination		-62.22	12.96
507	507	Shell-Thick	391	SLV_Ex	Combination		-58.11	13.78
507	507	Shell-Thick	390	SLV_Ex	Combination		-60.24	3.16
508	508	Shell-Thick	378	SLU_ENV	Combination	Max	27.49	21.33
508	508	Shell-Thick	379	SLU_ENV	Combination	Max	28.09	24.35
508	508	Shell-Thick	392	SLU_ENV	Combination	Max	25.8	23.89
508	508	Shell-Thick	391	SLU_ENV	Combination	Max	25.2	20.87
508	508	Shell-Thick	378	SLU_ENV	Combination	Min	1.06	7.69
508	508	Shell-Thick	379	SLU_ENV	Combination	Min	1.35	9.1
508	508	Shell-Thick	392	SLU_ENV	Combination	Min	1.19	9.07
508	508	Shell-Thick	391	SLU_ENV	Combination	Min	0.91	7.66
508	508	Shell-Thick	378	SLV_Ex	Combination		-63.36	12.73
508	508	Shell-Thick	379	SLV_Ex	Combination		-60.53	26.87
508	508	Shell-Thick	392	SLV_Ex	Combination		-63.22	26.33
508	508	Shell-Thick	391	SLV_Ex	Combination		-66.05	12.19
509	509	Shell-Thick	379	SLU_ENV	Combination	Max	26.25	23.98
509	509	Shell-Thick	386	SLU_ENV	Combination	Max	27.1	28.21
509	509	Shell-Thick	393	SLU_ENV	Combination	Max	23.3	27.45
509	509	Shell-Thick	392	SLU_ENV	Combination	Max	22.46	23.22
509	509	Shell-Thick	379	SLU_ENV	Combination	Min	0.6	8.95
509	509	Shell-Thick	386	SLU_ENV	Combination	Min	1.03	11.09
509	509	Shell-Thick	393	SLU_ENV	Combination	Min	0.15	10.92
509	509	Shell-Thick	392	SLU_ENV	Combination	Min	-0.28	8.78
509	509	Shell-Thick	379	SLV_Ex	Combination		-73.8	24.22
509	509	Shell-Thick	386	SLV_Ex	Combination		-67.95	53.48
509	509	Shell-Thick	393	SLV_Ex	Combination		-60.99	54.87
509	509	Shell-Thick	392	SLV_Ex	Combination		-66.84	25.61
510	510	Shell-Thick	386	SLU_ENV	Combination	Max	24.43	27.68
510	510	Shell-Thick	439	SLU_ENV	Combination	Max	25.23	33.52
510	510	Shell-Thick	457	SLU_ENV	Combination	Max	22.11	33.23
510	510	Shell-Thick	393	SLU_ENV	Combination	Max	21.31	27.05
510	510	Shell-Thick	386	SLU_ENV	Combination	Min	-0.29	10.83
510	510	Shell-Thick	439	SLU_ENV	Combination	Min	0.24	11.71
510	510	Shell-Thick	457	SLU_ENV	Combination	Min	-0.23	11.28
510	510	Shell-Thick	393	SLU_ENV	Combination	Min	-0.77	10.73

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
510	510	Shell-Thick	386	SLV_Ex	Combination		-79.68	51.13
510	510	Shell-Thick	439	SLV_Ex	Combination		-73.7	81.06
510	510	Shell-Thick	457	SLV_Ex	Combination		-74.36	80.93
510	510	Shell-Thick	393	SLV_Ex	Combination		-80.35	51.
511	511	Shell-Thick	196	SLU_ENV	Combination	Max	22.08	33.31
511	511	Shell-Thick	387	SLU_ENV	Combination	Max	21.23	26.93
511	511	Shell-Thick	394	SLU_ENV	Combination	Max	15.12	25.93
511	511	Shell-Thick	223	SLU_ENV	Combination	Max	15.97	32.32
511	511	Shell-Thick	196	SLU_ENV	Combination	Min	-0.23	11.02
511	511	Shell-Thick	387	SLU_ENV	Combination	Min	-0.77	10.5
511	511	Shell-Thick	394	SLU_ENV	Combination	Min	-2.89	9.85
511	511	Shell-Thick	223	SLU_ENV	Combination	Min	-2.36	10.36
511	511	Shell-Thick	196	SLV_Ex	Combination		-50.52	-43.79
511	511	Shell-Thick	387	SLV_Ex	Combination		-44.77	-15.01
511	511	Shell-Thick	394	SLV_Ex	Combination		-63.36	-18.73
511	511	Shell-Thick	223	SLV_Ex	Combination		-69.11	-47.51
512	512	Shell-Thick	387	SLU_ENV	Combination	Max	23.23	27.43
512	512	Shell-Thick	388	SLU_ENV	Combination	Max	22.14	21.65
512	512	Shell-Thick	395	SLU_ENV	Combination	Max	19.36	21.09
512	512	Shell-Thick	394	SLU_ENV	Combination	Max	20.45	27.13
512	512	Shell-Thick	387	SLU_ENV	Combination	Min	0.15	10.58
512	512	Shell-Thick	388	SLU_ENV	Combination	Min	-0.37	8.32
512	512	Shell-Thick	395	SLU_ENV	Combination	Min	-0.92	8.22
512	512	Shell-Thick	394	SLU_ENV	Combination	Min	-0.4	10.21
512	512	Shell-Thick	387	SLV_Ex	Combination		-62.41	-18.54
512	512	Shell-Thick	388	SLV_Ex	Combination		-59.89	-5.95
512	512	Shell-Thick	395	SLV_Ex	Combination		-61.51	-6.28
512	512	Shell-Thick	394	SLV_Ex	Combination		-64.03	-18.86
513	513	Shell-Thick	388	SLU_ENV	Combination	Max	25.49	22.32
513	513	Shell-Thick	389	SLU_ENV	Combination	Max	24.57	17.74
513	513	Shell-Thick	396	SLU_ENV	Combination	Max	20.99	17.02
513	513	Shell-Thick	395	SLU_ENV	Combination	Max	21.9	21.6
513	513	Shell-Thick	388	SLU_ENV	Combination	Min	1.1	8.62
513	513	Shell-Thick	389	SLU_ENV	Combination	Min	0.68	6.52
513	513	Shell-Thick	396	SLU_ENV	Combination	Min	-0.36	6.31
513	513	Shell-Thick	395	SLU_ENV	Combination	Min	5.968E-02	8.41
513	513	Shell-Thick	388	SLV_Ex	Combination		-59.94	-5.96
513	513	Shell-Thick	389	SLV_Ex	Combination		-57.95	3.95
513	513	Shell-Thick	396	SLV_Ex	Combination		-75.41	0.46
513	513	Shell-Thick	395	SLV_Ex	Combination		-77.39	-9.45
514	514	Shell-Thick	389	SLU_ENV	Combination	Max	25.83	17.99
514	514	Shell-Thick	390	SLU_ENV	Combination	Max	25.54	16.53
514	514	Shell-Thick	397	SLU_ENV	Combination	Max	24.49	16.32
514	514	Shell-Thick	396	SLU_ENV	Combination	Max	24.78	17.78
514	514	Shell-Thick	389	SLU_ENV	Combination	Min	1.16	6.62
514	514	Shell-Thick	390	SLU_ENV	Combination	Min	1.03	6.
514	514	Shell-Thick	397	SLU_ENV	Combination	Min	1.21	6.03
514	514	Shell-Thick	396	SLU_ENV	Combination	Min	1.33	6.65
514	514	Shell-Thick	389	SLV_Ex	Combination		-66.06	2.33
514	514	Shell-Thick	390	SLV_Ex	Combination		-66.06	2.28
514	514	Shell-Thick	397	SLV_Ex	Combination		-65.51	2.4
514	514	Shell-Thick	396	SLV_Ex	Combination		-65.5	2.44
515	515	Shell-Thick	390	SLU_ENV	Combination	Max	25.54	16.53
515	515	Shell-Thick	391	SLU_ENV	Combination	Max	25.83	17.99

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
515	515	Shell-Thick	404	SLU_ENV	Combination	Max	24.78	17.78
515	515	Shell-Thick	397	SLU_ENV	Combination	Max	24.49	16.32
515	515	Shell-Thick	390	SLU_ENV	Combination	Min	1.03	6.
515	515	Shell-Thick	391	SLU_ENV	Combination	Min	1.16	6.62
515	515	Shell-Thick	404	SLU_ENV	Combination	Min	1.33	6.65
515	515	Shell-Thick	397	SLU_ENV	Combination	Min	1.21	6.03
515	515	Shell-Thick	390	SLV_Ex	Combination		-60.18	3.46
515	515	Shell-Thick	391	SLV_Ex	Combination		-60.06	4.03
515	515	Shell-Thick	404	SLV_Ex	Combination		-68.71	2.3
515	515	Shell-Thick	397	SLV_Ex	Combination		-68.82	1.73
516	516	Shell-Thick	391	SLU_ENV	Combination	Max	24.57	17.74
516	516	Shell-Thick	392	SLU_ENV	Combination	Max	25.49	22.32
516	516	Shell-Thick	405	SLU_ENV	Combination	Max	21.9	21.6
516	516	Shell-Thick	404	SLU_ENV	Combination	Max	20.99	17.02
516	516	Shell-Thick	391	SLU_ENV	Combination	Min	0.68	6.52
516	516	Shell-Thick	392	SLU_ENV	Combination	Min	1.1	8.62
516	516	Shell-Thick	405	SLU_ENV	Combination	Min	5.968E-02	8.41
516	516	Shell-Thick	404	SLU_ENV	Combination	Min	-0.36	6.31
516	516	Shell-Thick	391	SLV_Ex	Combination		-68.	2.44
516	516	Shell-Thick	392	SLV_Ex	Combination		-64.8	18.45
516	516	Shell-Thick	405	SLV_Ex	Combination		-58.32	19.75
516	516	Shell-Thick	404	SLV_Ex	Combination		-61.53	3.73
517	517	Shell-Thick	392	SLU_ENV	Combination	Max	22.14	21.65
517	517	Shell-Thick	393	SLU_ENV	Combination	Max	23.23	27.43
517	517	Shell-Thick	406	SLU_ENV	Combination	Max	20.45	27.13
517	517	Shell-Thick	405	SLU_ENV	Combination	Max	19.36	21.09
517	517	Shell-Thick	392	SLU_ENV	Combination	Min	-0.37	8.32
517	517	Shell-Thick	393	SLU_ENV	Combination	Min	0.15	10.58
517	517	Shell-Thick	406	SLU_ENV	Combination	Min	-0.4	10.21
517	517	Shell-Thick	405	SLU_ENV	Combination	Min	-0.92	8.22
517	517	Shell-Thick	392	SLV_Ex	Combination		-68.42	17.73
517	517	Shell-Thick	393	SLV_Ex	Combination		-64.03	39.68
517	517	Shell-Thick	406	SLV_Ex	Combination		-67.32	39.02
517	517	Shell-Thick	405	SLV_Ex	Combination		-71.71	17.07
518	518	Shell-Thick	393	SLU_ENV	Combination	Max	21.23	26.93
518	518	Shell-Thick	457	SLU_ENV	Combination	Max	22.08	33.31
518	518	Shell-Thick	475	SLU_ENV	Combination	Max	15.97	32.32
518	518	Shell-Thick	406	SLU_ENV	Combination	Max	15.12	25.93
518	518	Shell-Thick	393	SLU_ENV	Combination	Min	-0.77	10.5
518	518	Shell-Thick	457	SLU_ENV	Combination	Min	-0.23	11.02
518	518	Shell-Thick	475	SLU_ENV	Combination	Min	-2.36	10.37
518	518	Shell-Thick	406	SLU_ENV	Combination	Min	-2.89	9.85
518	518	Shell-Thick	393	SLV_Ex	Combination		-83.39	35.81
518	518	Shell-Thick	457	SLV_Ex	Combination		-74.32	81.12
518	518	Shell-Thick	475	SLV_Ex	Combination		-64.79	83.03
518	518	Shell-Thick	406	SLV_Ex	Combination		-73.85	37.71
519	519	Shell-Thick	223	SLU_ENV	Combination	Max	16.03	32.82
519	519	Shell-Thick	394	SLU_ENV	Combination	Max	15.17	26.67
519	519	Shell-Thick	407	SLU_ENV	Combination	Max	12.01	26.15
519	519	Shell-Thick	250	SLU_ENV	Combination	Max	12.87	32.3
519	519	Shell-Thick	223	SLU_ENV	Combination	Min	-2.32	10.38
519	519	Shell-Thick	394	SLU_ENV	Combination	Min	-2.84	9.63
519	519	Shell-Thick	407	SLU_ENV	Combination	Min	-3.76	9.34
519	519	Shell-Thick	250	SLU_ENV	Combination	Min	-3.23	10.09

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
519	519	Shell-Thick	223	SLV_Ex	Combination		-67.47	-39.29
519	519	Shell-Thick	394	SLV_Ex	Combination		-61.42	-9.02
519	519	Shell-Thick	407	SLV_Ex	Combination		-51.95	-7.13
519	519	Shell-Thick	250	SLV_Ex	Combination		-58.01	-37.4
520	520	Shell-Thick	394	SLU_ENV	Combination	Max	20.5	27.87
520	520	Shell-Thick	395	SLU_ENV	Combination	Max	18.91	18.86
520	520	Shell-Thick	408	SLU_ENV	Combination	Max	12.3	17.61
520	520	Shell-Thick	407	SLU_ENV	Combination	Max	13.89	26.73
520	520	Shell-Thick	394	SLU_ENV	Combination	Min	-0.35	10.
520	520	Shell-Thick	395	SLU_ENV	Combination	Min	-1.05	7.54
520	520	Shell-Thick	408	SLU_ENV	Combination	Min	-3.8	6.92
520	520	Shell-Thick	407	SLU_ENV	Combination	Min	-3.09	9.26
520	520	Shell-Thick	394	SLV_Ex	Combination		-62.09	-9.15
520	520	Shell-Thick	395	SLV_Ex	Combination		-56.98	16.35
520	520	Shell-Thick	408	SLV_Ex	Combination		-86.92	10.36
520	520	Shell-Thick	407	SLV_Ex	Combination		-92.02	-15.14
521	521	Shell-Thick	395	SLU_ENV	Combination	Max	21.46	19.37
521	521	Shell-Thick	396	SLU_ENV	Combination	Max	20.09	12.54
521	521	Shell-Thick	409	SLU_ENV	Combination	Max	21.2	12.76
521	521	Shell-Thick	408	SLU_ENV	Combination	Max	22.57	19.86
521	521	Shell-Thick	395	SLU_ENV	Combination	Min	-7.455E-02	7.74
521	521	Shell-Thick	396	SLU_ENV	Combination	Min	-0.68	4.73
521	521	Shell-Thick	409	SLU_ENV	Combination	Min	0.33	4.93
521	521	Shell-Thick	408	SLU_ENV	Combination	Min	0.93	7.67
521	521	Shell-Thick	395	SLV_Ex	Combination		-72.87	13.17
521	521	Shell-Thick	396	SLV_Ex	Combination		-74.56	4.73
521	521	Shell-Thick	409	SLV_Ex	Combination		-63.9	6.86
521	521	Shell-Thick	408	SLV_Ex	Combination		-62.21	15.3
522	522	Shell-Thick	396	SLU_ENV	Combination	Max	23.88	13.29
522	522	Shell-Thick	397	SLU_ENV	Combination	Max	23.23	10.01
522	522	Shell-Thick	410	SLU_ENV	Combination	Max	21.28	9.62
522	522	Shell-Thick	409	SLU_ENV	Combination	Max	21.93	12.9
522	522	Shell-Thick	396	SLU_ENV	Combination	Min	1.01	5.07
522	522	Shell-Thick	397	SLU_ENV	Combination	Min	0.7	3.52
522	522	Shell-Thick	410	SLU_ENV	Combination	Min	0.37	3.45
522	522	Shell-Thick	409	SLU_ENV	Combination	Min	0.68	5.
522	522	Shell-Thick	396	SLV_Ex	Combination		-64.64	6.72
522	522	Shell-Thick	397	SLV_Ex	Combination		-65.78	1.05
522	522	Shell-Thick	410	SLV_Ex	Combination		-72.63	-0.32
522	522	Shell-Thick	409	SLV_Ex	Combination		-71.5	5.34
523	523	Shell-Thick	397	SLU_ENV	Combination	Max	23.23	10.01
523	523	Shell-Thick	404	SLU_ENV	Combination	Max	23.88	13.29
523	523	Shell-Thick	411	SLU_ENV	Combination	Max	21.93	12.9
523	523	Shell-Thick	410	SLU_ENV	Combination	Max	21.28	9.62
523	523	Shell-Thick	397	SLU_ENV	Combination	Min	0.7	3.52
523	523	Shell-Thick	404	SLU_ENV	Combination	Min	1.01	5.07
523	523	Shell-Thick	411	SLU_ENV	Combination	Min	0.68	5.
523	523	Shell-Thick	410	SLU_ENV	Combination	Min	0.37	3.45
523	523	Shell-Thick	397	SLV_Ex	Combination		-69.09	0.39
523	523	Shell-Thick	404	SLV_Ex	Combination		-69.2	-0.14
523	523	Shell-Thick	411	SLV_Ex	Combination		-75.75	-1.45
523	523	Shell-Thick	410	SLV_Ex	Combination		-75.65	-0.92
524	524	Shell-Thick	404	SLU_ENV	Combination	Max	20.09	12.54
524	524	Shell-Thick	405	SLU_ENV	Combination	Max	21.46	19.37

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
524	524	Shell-Thick	412	SLU_ENV	Combination	Max	22.57	19.86
524	524	Shell-Thick	411	SLU_ENV	Combination	Max	21.2	12.76
524	524	Shell-Thick	404	SLU_ENV	Combination	Min	-0.68	4.73
524	524	Shell-Thick	405	SLU_ENV	Combination	Min	-7.455E-02	7.74
524	524	Shell-Thick	412	SLU_ENV	Combination	Min	0.93	7.67
524	524	Shell-Thick	411	SLU_ENV	Combination	Min	0.33	4.93
524	524	Shell-Thick	404	SLV_Ex	Combination		-62.01	1.3
524	524	Shell-Thick	405	SLV_Ex	Combination		-62.8	-2.61
524	524	Shell-Thick	412	SLV_Ex	Combination		-83.29	-6.71
524	524	Shell-Thick	411	SLV_Ex	Combination		-82.51	-2.8
525	525	Shell-Thick	405	SLU_ENV	Combination	Max	18.91	18.86
525	525	Shell-Thick	406	SLU_ENV	Combination	Max	20.5	27.87
525	525	Shell-Thick	413	SLU_ENV	Combination	Max	13.89	26.73
525	525	Shell-Thick	412	SLU_ENV	Combination	Max	12.3	17.61
525	525	Shell-Thick	405	SLU_ENV	Combination	Min	-1.05	7.54
525	525	Shell-Thick	406	SLU_ENV	Combination	Min	-0.35	10.
525	525	Shell-Thick	413	SLU_ENV	Combination	Min	-3.09	9.26
525	525	Shell-Thick	412	SLU_ENV	Combination	Min	-3.8	6.92
525	525	Shell-Thick	405	SLV_Ex	Combination		-76.18	-5.29
525	525	Shell-Thick	406	SLV_Ex	Combination		-69.56	27.82
525	525	Shell-Thick	413	SLV_Ex	Combination		-60.38	29.66
525	525	Shell-Thick	412	SLV_Ex	Combination		-67.	-3.46
526	526	Shell-Thick	406	SLU_ENV	Combination	Max	15.17	26.67
526	526	Shell-Thick	475	SLU_ENV	Combination	Max	16.03	32.82
526	526	Shell-Thick	493	SLU_ENV	Combination	Max	12.87	32.3
526	526	Shell-Thick	413	SLU_ENV	Combination	Max	12.01	26.15
526	526	Shell-Thick	406	SLU_ENV	Combination	Min	-2.84	9.63
526	526	Shell-Thick	475	SLU_ENV	Combination	Min	-2.32	10.38
526	526	Shell-Thick	493	SLU_ENV	Combination	Min	-3.23	10.09
526	526	Shell-Thick	413	SLU_ENV	Combination	Min	-3.76	9.34
526	526	Shell-Thick	406	SLV_Ex	Combination		-76.09	26.51
526	526	Shell-Thick	475	SLV_Ex	Combination		-66.91	72.39
526	526	Shell-Thick	493	SLV_Ex	Combination		-82.78	69.21
526	526	Shell-Thick	413	SLV_Ex	Combination		-91.95	23.34
527	527	Shell-Thick	250	SLU_ENV	Combination	Max	13.18	34.01
527	527	Shell-Thick	407	SLU_ENV	Combination	Max	12.43	28.64
527	527	Shell-Thick	414	SLU_ENV	Combination	Max	0.4	26.33
527	527	Shell-Thick	277	SLU_ENV	Combination	Max	1.16	31.7
527	527	Shell-Thick	250	SLU_ENV	Combination	Min	-3.12	10.51
527	527	Shell-Thick	407	SLU_ENV	Combination	Min	-3.5	10.24
527	527	Shell-Thick	414	SLU_ENV	Combination	Min	-9.5	8.93
527	527	Shell-Thick	277	SLU_ENV	Combination	Min	-9.13	9.21
527	527	Shell-Thick	250	SLV_Ex	Combination		-56.94	-32.06
527	527	Shell-Thick	407	SLV_Ex	Combination		-42.42	40.53
527	527	Shell-Thick	414	SLV_Ex	Combination		-120.61	24.89
527	527	Shell-Thick	277	SLV_Ex	Combination		-135.13	-47.7
528	528	Shell-Thick	407	SLU_ENV	Combination	Max	14.31	29.22
528	528	Shell-Thick	408	SLU_ENV	Combination	Max	10.71	9.58
528	528	Shell-Thick	415	SLU_ENV	Combination	Max	24.83	12.63
528	528	Shell-Thick	414	SLU_ENV	Combination	Max	28.43	32.48
528	528	Shell-Thick	407	SLU_ENV	Combination	Min	-2.83	10.16
528	528	Shell-Thick	408	SLU_ENV	Combination	Min	-4.42	3.89
528	528	Shell-Thick	415	SLU_ENV	Combination	Min	2.22	4.98
528	528	Shell-Thick	414	SLU_ENV	Combination	Min	3.81	11.05

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
528	528	Shell-Thick	407	SLV_Ex	Combination		-82.49	32.51
528	528	Shell-Thick	408	SLV_Ex	Combination		-86.88	10.55
528	528	Shell-Thick	415	SLV_Ex	Combination		-21.01	23.73
528	528	Shell-Thick	414	SLV_Ex	Combination		-16.62	45.69
529	529	Shell-Thick	408	SLU_ENV	Combination	Max	20.97	11.63
529	529	Shell-Thick	409	SLU_ENV	Combination	Max	19.64	4.97
529	529	Shell-Thick	422	SLU_ENV	Combination	Max	17.46	4.54
529	529	Shell-Thick	415	SLU_ENV	Combination	Max	18.79	11.47
529	529	Shell-Thick	408	SLU_ENV	Combination	Min	0.31	4.84
529	529	Shell-Thick	409	SLU_ENV	Combination	Min	-0.32	1.67
529	529	Shell-Thick	422	SLU_ENV	Combination	Min	-0.75	1.59
529	529	Shell-Thick	415	SLU_ENV	Combination	Min	-0.11	4.47
529	529	Shell-Thick	408	SLV_Ex	Combination		-62.17	15.49
529	529	Shell-Thick	409	SLV_Ex	Combination		-65.07	1.
529	529	Shell-Thick	422	SLV_Ex	Combination		-42.33	5.55
529	529	Shell-Thick	415	SLV_Ex	Combination		-39.44	20.04
530	530	Shell-Thick	409	SLU_ENV	Combination	Max	20.38	5.12
530	530	Shell-Thick	410	SLU_ENV	Combination	Max	20.71	6.8
530	530	Shell-Thick	423	SLU_ENV	Combination	Max	14.54	5.57
530	530	Shell-Thick	422	SLU_ENV	Combination	Max	14.21	3.88
530	530	Shell-Thick	409	SLU_ENV	Combination	Min	3.309E-02	1.75
530	530	Shell-Thick	410	SLU_ENV	Combination	Min	0.21	2.64
530	530	Shell-Thick	423	SLU_ENV	Combination	Min	-1.79	2.24
530	530	Shell-Thick	422	SLU_ENV	Combination	Min	-1.97	1.34
530	530	Shell-Thick	409	SLV_Ex	Combination		-72.67	-0.51
530	530	Shell-Thick	410	SLV_Ex	Combination		-71.98	2.92
530	530	Shell-Thick	423	SLV_Ex	Combination		-66.42	4.04
530	530	Shell-Thick	422	SLV_Ex	Combination		-67.11	0.6
531	531	Shell-Thick	410	SLU_ENV	Combination	Max	20.71	6.8
531	531	Shell-Thick	411	SLU_ENV	Combination	Max	20.38	5.12
531	531	Shell-Thick	424	SLU_ENV	Combination	Max	14.21	3.89
531	531	Shell-Thick	423	SLU_ENV	Combination	Max	14.54	5.57
531	531	Shell-Thick	410	SLU_ENV	Combination	Min	0.21	2.64
531	531	Shell-Thick	411	SLU_ENV	Combination	Min	3.309E-02	1.75
531	531	Shell-Thick	424	SLU_ENV	Combination	Min	-1.97	1.34
531	531	Shell-Thick	423	SLU_ENV	Combination	Min	-1.79	2.24
531	531	Shell-Thick	410	SLV_Ex	Combination		-75.	2.32
531	531	Shell-Thick	411	SLV_Ex	Combination		-75.38	0.43
531	531	Shell-Thick	424	SLV_Ex	Combination		-98.56	-4.21
531	531	Shell-Thick	423	SLV_Ex	Combination		-98.18	-2.32
532	532	Shell-Thick	411	SLU_ENV	Combination	Max	19.64	4.97
532	532	Shell-Thick	412	SLU_ENV	Combination	Max	20.97	11.63
532	532	Shell-Thick	425	SLU_ENV	Combination	Max	18.79	11.47
532	532	Shell-Thick	424	SLU_ENV	Combination	Max	17.46	4.54
532	532	Shell-Thick	411	SLU_ENV	Combination	Min	-0.32	1.67
532	532	Shell-Thick	412	SLU_ENV	Combination	Min	0.31	4.84
532	532	Shell-Thick	425	SLU_ENV	Combination	Min	-0.11	4.47
532	532	Shell-Thick	424	SLU_ENV	Combination	Min	-0.75	1.59
532	532	Shell-Thick	411	SLV_Ex	Combination		-82.13	-0.92
532	532	Shell-Thick	412	SLV_Ex	Combination		-83.05	-5.52
532	532	Shell-Thick	425	SLV_Ex	Combination		-123.31	-13.57
532	532	Shell-Thick	424	SLV_Ex	Combination		-122.39	-8.98
533	533	Shell-Thick	412	SLU_ENV	Combination	Max	10.71	9.58
533	533	Shell-Thick	413	SLU_ENV	Combination	Max	14.31	29.22

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
533	533	Shell-Thick	426	SLU_ENV	Combination	Max	28.43	32.48
533	533	Shell-Thick	425	SLU_ENV	Combination	Max	24.83	12.63
533	533	Shell-Thick	412	SLU_ENV	Combination	Min	-4.42	3.89
533	533	Shell-Thick	413	SLU_ENV	Combination	Min	-2.83	10.16
533	533	Shell-Thick	426	SLU_ENV	Combination	Min	3.81	11.05
533	533	Shell-Thick	425	SLU_ENV	Combination	Min	2.22	4.98
533	533	Shell-Thick	412	SLV_Ex	Combination		-66.76	-2.26
533	533	Shell-Thick	413	SLV_Ex	Combination		-68.89	-12.91
533	533	Shell-Thick	426	SLV_Ex	Combination		-139.6	-27.05
533	533	Shell-Thick	425	SLV_Ex	Combination		-137.47	-16.4
534	534	Shell-Thick	413	SLU_ENV	Combination	Max	12.43	28.64
534	534	Shell-Thick	493	SLU_ENV	Combination	Max	13.18	34.01
534	534	Shell-Thick	511	SLU_ENV	Combination	Max	1.15	31.7
534	534	Shell-Thick	426	SLU_ENV	Combination	Max	0.4	26.33
534	534	Shell-Thick	413	SLU_ENV	Combination	Min	-3.5	10.24
534	534	Shell-Thick	493	SLU_ENV	Combination	Min	-3.12	10.51
534	534	Shell-Thick	511	SLU_ENV	Combination	Min	-9.13	9.21
534	534	Shell-Thick	426	SLU_ENV	Combination	Min	-9.5	8.93
534	534	Shell-Thick	413	SLV_Ex	Combination		-100.47	-19.22
534	534	Shell-Thick	493	SLV_Ex	Combination		-83.96	63.29
534	534	Shell-Thick	511	SLV_Ex	Combination		-51.54	69.77
534	534	Shell-Thick	426	SLV_Ex	Combination		-68.04	-12.74
535	535	Shell-Thick	277	SLU_ENV	Combination	Max	0.16	26.44
535	535	Shell-Thick	414	SLU_ENV	Combination	Max	-3.47	5.43
535	535	Shell-Thick	427	SLU_ENV	Combination	Max	97.05	26.
535	535	Shell-Thick	304	SLU_ENV	Combination	Max	101.28	47.17
535	535	Shell-Thick	277	SLU_ENV	Combination	Min	-9.59	7.2
535	535	Shell-Thick	414	SLU_ENV	Combination	Min	-11.11	2.46
535	535	Shell-Thick	427	SLU_ENV	Combination	Min	28.66	9.95
535	535	Shell-Thick	304	SLU_ENV	Combination	Min	29.58	14.53
535	535	Shell-Thick	277	SLV_Ex	Combination		-136.86	-56.32
535	535	Shell-Thick	414	SLV_Ex	Combination		-123.23	11.82
535	535	Shell-Thick	427	SLV_Ex	Combination		300.69	96.6
535	535	Shell-Thick	304	SLV_Ex	Combination		287.06	28.46
536	536	Shell-Thick	414	SLU_ENV	Combination	Max	24.56	11.42
536	536	Shell-Thick	415	SLU_ENV	Combination	Max	22.74	1.93
536	536	Shell-Thick	428	SLU_ENV	Combination	Max	20.17	1.38
536	536	Shell-Thick	427	SLU_ENV	Combination	Max	22.09	11.01
536	536	Shell-Thick	414	SLU_ENV	Combination	Min	2.2	4.74
536	536	Shell-Thick	415	SLU_ENV	Combination	Min	1.27	0.47
536	536	Shell-Thick	428	SLU_ENV	Combination	Min	-0.33	0.19
536	536	Shell-Thick	427	SLU_ENV	Combination	Min	0.5	4.32
536	536	Shell-Thick	414	SLV_Ex	Combination		-19.23	32.61
536	536	Shell-Thick	415	SLV_Ex	Combination		-27.87	-10.56
536	536	Shell-Thick	428	SLV_Ex	Combination		62.04	7.42
536	536	Shell-Thick	427	SLV_Ex	Combination		70.67	50.6
537	537	Shell-Thick	415	SLU_ENV	Combination	Max	16.7	0.73
537	537	Shell-Thick	422	SLU_ENV	Combination	Max	17.66	5.51
537	537	Shell-Thick	429	SLU_ENV	Combination	Max	4.31	2.72
537	537	Shell-Thick	428	SLU_ENV	Combination	Max	3.37	-1.05
537	537	Shell-Thick	415	SLU_ENV	Combination	Min	-1.06	5.404E-03
537	537	Shell-Thick	422	SLU_ENV	Combination	Min	-0.6	2.32
537	537	Shell-Thick	429	SLU_ENV	Combination	Min	-6.81	1.2
537	537	Shell-Thick	428	SLU_ENV	Combination	Min	-7.29	-2.14

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
537	537	Shell-Thick	415	SLV_Ex	Combination		-46.29	-14.25
537	537	Shell-Thick	422	SLV_Ex	Combination		-41.66	8.9
537	537	Shell-Thick	429	SLV_Ex	Combination		-12.57	14.72
537	537	Shell-Thick	428	SLV_Ex	Combination		-17.2	-8.43
538	538	Shell-Thick	422	SLU_ENV	Combination	Max	14.4	4.86
538	538	Shell-Thick	423	SLU_ENV	Combination	Max	13.6	0.86
538	538	Shell-Thick	430	SLU_ENV	Combination	Max	-1.57	-1.15
538	538	Shell-Thick	429	SLU_ENV	Combination	Max	-0.74	1.71
538	538	Shell-Thick	422	SLU_ENV	Combination	Min	-1.83	2.08
538	538	Shell-Thick	423	SLU_ENV	Combination	Min	-2.23	5.814E-02
538	538	Shell-Thick	430	SLU_ENV	Combination	Min	-9.63	-2.45
538	538	Shell-Thick	429	SLU_ENV	Combination	Min	-9.26	0.71
538	538	Shell-Thick	422	SLV_Ex	Combination		-66.44	3.95
538	538	Shell-Thick	423	SLV_Ex	Combination		-66.78	2.26
538	538	Shell-Thick	430	SLV_Ex	Combination		-71.31	1.35
538	538	Shell-Thick	429	SLV_Ex	Combination		-70.98	3.04
539	539	Shell-Thick	423	SLU_ENV	Combination	Max	13.6	0.86
539	539	Shell-Thick	424	SLU_ENV	Combination	Max	14.4	4.86
539	539	Shell-Thick	431	SLU_ENV	Combination	Max	-0.74	1.71
539	539	Shell-Thick	430	SLU_ENV	Combination	Max	-1.57	-1.15
539	539	Shell-Thick	423	SLU_ENV	Combination	Min	-2.23	5.815E-02
539	539	Shell-Thick	424	SLU_ENV	Combination	Min	-1.83	2.08
539	539	Shell-Thick	431	SLU_ENV	Combination	Min	-9.26	0.71
539	539	Shell-Thick	430	SLU_ENV	Combination	Min	-9.63	-2.45
539	539	Shell-Thick	423	SLV_Ex	Combination		-98.54	-4.09
539	539	Shell-Thick	424	SLV_Ex	Combination		-97.11	3.05
539	539	Shell-Thick	431	SLV_Ex	Combination		-115.5	-0.63
539	539	Shell-Thick	430	SLV_Ex	Combination		-116.93	-7.77
540	540	Shell-Thick	424	SLU_ENV	Combination	Max	17.66	5.51
540	540	Shell-Thick	425	SLU_ENV	Combination	Max	16.7	0.73
540	540	Shell-Thick	432	SLU_ENV	Combination	Max	3.37	-1.05
540	540	Shell-Thick	431	SLU_ENV	Combination	Max	4.31	2.72
540	540	Shell-Thick	424	SLU_ENV	Combination	Min	-0.6	2.32
540	540	Shell-Thick	425	SLU_ENV	Combination	Min	-1.06	5.385E-03
540	540	Shell-Thick	432	SLU_ENV	Combination	Min	-7.29	-2.14
540	540	Shell-Thick	431	SLU_ENV	Combination	Min	-6.81	1.2
540	540	Shell-Thick	424	SLV_Ex	Combination		-120.94	-1.72
540	540	Shell-Thick	425	SLV_Ex	Combination		-118.31	11.44
540	540	Shell-Thick	432	SLV_Ex	Combination		-170.48	1.01
540	540	Shell-Thick	431	SLV_Ex	Combination		-173.11	-12.15
541	541	Shell-Thick	425	SLU_ENV	Combination	Max	22.74	1.93
541	541	Shell-Thick	426	SLU_ENV	Combination	Max	24.56	11.42
541	541	Shell-Thick	433	SLU_ENV	Combination	Max	22.09	11.01
541	541	Shell-Thick	432	SLU_ENV	Combination	Max	20.17	1.38
541	541	Shell-Thick	425	SLU_ENV	Combination	Min	1.27	0.47
541	541	Shell-Thick	426	SLU_ENV	Combination	Min	2.2	4.74
541	541	Shell-Thick	433	SLU_ENV	Combination	Min	0.5	4.32
541	541	Shell-Thick	432	SLU_ENV	Combination	Min	-0.33	0.19
541	541	Shell-Thick	425	SLV_Ex	Combination		-132.47	8.61
541	541	Shell-Thick	426	SLV_Ex	Combination		-137.14	-14.72
541	541	Shell-Thick	433	SLV_Ex	Combination		-251.24	-37.54
541	541	Shell-Thick	432	SLV_Ex	Combination		-246.57	-14.21
542	542	Shell-Thick	426	SLU_ENV	Combination	Max	-3.47	5.43
542	542	Shell-Thick	511	SLU_ENV	Combination	Max	0.16	26.44

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
542	542	Shell-Thick	529	SLU_ENV	Combination	Max	101.29	47.17
542	542	Shell-Thick	433	SLU_ENV	Combination	Max	97.05	26.
542	542	Shell-Thick	426	SLU_ENV	Combination	Min	-11.11	2.46
542	542	Shell-Thick	511	SLU_ENV	Combination	Min	-9.59	7.2
542	542	Shell-Thick	529	SLU_ENV	Combination	Min	29.58	14.53
542	542	Shell-Thick	433	SLU_ENV	Combination	Min	28.66	9.95
542	542	Shell-Thick	426	SLV_Ex	Combination		-65.58	-0.41
542	542	Shell-Thick	511	SLV_Ex	Combination		-51.58	69.57
542	542	Shell-Thick	529	SLV_Ex	Combination		-413.12	-2.74
542	542	Shell-Thick	433	SLV_Ex	Combination		-427.11	-72.71
543	543	Shell-Thick	440	SLU_ENV	Combination	Max	-4.59	-8.28
543	543	Shell-Thick	583	SLU_ENV	Combination	Max	-0.56	38.31
543	543	Shell-Thick	565	SLU_ENV	Combination	Max	20.42	42.58
543	543	Shell-Thick	441	SLU_ENV	Combination	Max	7.38	-6.79
543	543	Shell-Thick	440	SLU_ENV	Combination	Min	-13.95	-26.86
543	543	Shell-Thick	583	SLU_ENV	Combination	Min	-0.92	11.86
543	543	Shell-Thick	565	SLU_ENV	Combination	Min	6.88	13.35
543	543	Shell-Thick	441	SLU_ENV	Combination	Min	2.86	-22.6
543	543	Shell-Thick	440	SLV_Ex	Combination		-169.4	-107.83
543	543	Shell-Thick	583	SLV_Ex	Combination		-159.71	-59.4
543	543	Shell-Thick	565	SLV_Ex	Combination		123.16	-2.82
543	543	Shell-Thick	441	SLV_Ex	Combination		113.47	-51.26
544	544	Shell-Thick	441	SLU_ENV	Combination	Max	9.54	-2.28
544	544	Shell-Thick	565	SLU_ENV	Combination	Max	21.7	48.99
544	544	Shell-Thick	547	SLU_ENV	Combination	Max	-1.85	43.94
544	544	Shell-Thick	442	SLU_ENV	Combination	Max	-5.39	-4.11
544	544	Shell-Thick	441	SLU_ENV	Combination	Min	3.76	-11.8
544	544	Shell-Thick	565	SLU_ENV	Combination	Min	7.3	15.41
544	544	Shell-Thick	547	SLU_ENV	Combination	Min	-3.55	13.58
544	544	Shell-Thick	442	SLU_ENV	Combination	Min	-15.71	-16.85
544	544	Shell-Thick	441	SLV_Ex	Combination		97.08	-133.21
544	544	Shell-Thick	565	SLV_Ex	Combination		124.73	5.02
544	544	Shell-Thick	547	SLV_Ex	Combination		-34.75	-26.88
544	544	Shell-Thick	442	SLV_Ex	Combination		-62.4	-165.1
545	545	Shell-Thick	442	SLU_ENV	Combination	Max	-3.23	14.92
545	545	Shell-Thick	547	SLU_ENV	Combination	Max	-1.93	40.49
545	545	Shell-Thick	120	SLU_ENV	Combination	Max	0.55	41.45
545	545	Shell-Thick	443	SLU_ENV	Combination	Max	-1.2	15.88
545	545	Shell-Thick	442	SLU_ENV	Combination	Min	-9.36	6.7
545	545	Shell-Thick	547	SLU_ENV	Combination	Min	-4.24	13.17
545	545	Shell-Thick	120	SLU_ENV	Combination	Min	9.030E-02	13.58
545	545	Shell-Thick	443	SLU_ENV	Combination	Min	-4.56	7.11
545	545	Shell-Thick	442	SLV_Ex	Combination		-47.39	-90.06
545	545	Shell-Thick	547	SLV_Ex	Combination		-35.49	-30.57
545	545	Shell-Thick	120	SLV_Ex	Combination		-0.57	-23.59
545	545	Shell-Thick	443	SLV_Ex	Combination		-12.46	-83.08
546	546	Shell-Thick	443	SLU_ENV	Combination	Max	-0.27	30.63
546	546	Shell-Thick	120	SLU_ENV	Combination	Max	0.2	38.92
546	546	Shell-Thick	7	SLU_ENV	Combination	Max	-0.44	38.69
546	546	Shell-Thick	444	SLU_ENV	Combination	Max	-0.8	30.4
546	546	Shell-Thick	443	SLU_ENV	Combination	Min	-1.61	11.76
546	546	Shell-Thick	120	SLU_ENV	Combination	Min	-6.210E-02	13.56
546	546	Shell-Thick	7	SLU_ENV	Combination	Min	-1.08	13.45
546	546	Shell-Thick	444	SLU_ENV	Combination	Min	-2.74	11.66

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
546	546	Shell-Thick	443	SLV_Ex	Combination		-8.55	-63.54
546	546	Shell-Thick	120	SLV_Ex	Combination		-1.97	-30.61
546	546	Shell-Thick	7	SLV_Ex	Combination		-1.98	-30.61
546	546	Shell-Thick	444	SLV_Ex	Combination		-8.57	-63.54
547	547	Shell-Thick	444	SLU_ENV	Combination	Max	-0.38	36.17
547	547	Shell-Thick	7	SLU_ENV	Combination	Max	-0.41	35.89
547	547	Shell-Thick	35	SLU_ENV	Combination	Max	-3.966E-02	36.16
547	547	Shell-Thick	445	SLU_ENV	Combination	Max	6.500E-03	36.45
547	547	Shell-Thick	444	SLU_ENV	Combination	Min	-1.59	13.73
547	547	Shell-Thick	7	SLU_ENV	Combination	Min	-1.64	13.57
547	547	Shell-Thick	35	SLU_ENV	Combination	Min	-0.33	13.63
547	547	Shell-Thick	445	SLU_ENV	Combination	Min	-0.28	13.79
547	547	Shell-Thick	444	SLV_Ex	Combination		-8.	-60.72
547	547	Shell-Thick	7	SLV_Ex	Combination		-2.	-30.72
547	547	Shell-Thick	35	SLV_Ex	Combination		-2.02	-30.73
547	547	Shell-Thick	445	SLV_Ex	Combination		-8.02	-60.72
548	548	Shell-Thick	445	SLU_ENV	Combination	Max	-4.599E-03	35.5
548	548	Shell-Thick	35	SLU_ENV	Combination	Max	-0.13	33.5
548	548	Shell-Thick	62	SLU_ENV	Combination	Max	0.13	33.66
548	548	Shell-Thick	446	SLU_ENV	Combination	Max	0.41	35.66
548	548	Shell-Thick	445	SLU_ENV	Combination	Min	-0.38	14.17
548	548	Shell-Thick	35	SLU_ENV	Combination	Min	-0.78	13.56
548	548	Shell-Thick	62	SLU_ENV	Combination	Min	-0.2	13.57
548	548	Shell-Thick	446	SLU_ENV	Combination	Min	4.670E-02	14.18
548	548	Shell-Thick	445	SLV_Ex	Combination		-7.62	-58.7
548	548	Shell-Thick	35	SLV_Ex	Combination		-2.97	-35.47
548	548	Shell-Thick	62	SLV_Ex	Combination		-2.42	-35.36
548	548	Shell-Thick	446	SLV_Ex	Combination		-7.06	-58.59
549	549	Shell-Thick	446	SLU_ENV	Combination	Max	6.302E-02	32.85
549	549	Shell-Thick	62	SLU_ENV	Combination	Max	-9.276E-02	30.88
549	549	Shell-Thick	89	SLU_ENV	Combination	Max	0.31	31.04
549	549	Shell-Thick	447	SLU_ENV	Combination	Max	0.66	33.02
549	549	Shell-Thick	446	SLU_ENV	Combination	Min	-0.18	14.11
549	549	Shell-Thick	62	SLU_ENV	Combination	Min	-0.55	13.49
549	549	Shell-Thick	89	SLU_ENV	Combination	Min	-5.520E-02	13.5
549	549	Shell-Thick	447	SLU_ENV	Combination	Min	0.12	14.13
549	549	Shell-Thick	446	SLV_Ex	Combination		-7.3	-59.77
549	549	Shell-Thick	62	SLV_Ex	Combination		-2.75	-37.04
549	549	Shell-Thick	89	SLV_Ex	Combination		-1.68	-36.82
549	549	Shell-Thick	447	SLV_Ex	Combination		-6.22	-59.56
550	550	Shell-Thick	447	SLU_ENV	Combination	Max	0.22	31.53
550	550	Shell-Thick	89	SLU_ENV	Combination	Max	-1.933E-02	29.95
550	550	Shell-Thick	142	SLU_ENV	Combination	Max	0.28	29.94
550	550	Shell-Thick	448	SLU_ENV	Combination	Max	0.46	31.51
550	550	Shell-Thick	447	SLU_ENV	Combination	Min	-1.225E-02	12.78
550	550	Shell-Thick	89	SLU_ENV	Combination	Min	-0.17	12.35
550	550	Shell-Thick	142	SLU_ENV	Combination	Min	-0.16	12.43
550	550	Shell-Thick	448	SLU_ENV	Combination	Min	5.697E-02	12.86
550	550	Shell-Thick	447	SLV_Ex	Combination		-6.27	-59.8
550	550	Shell-Thick	89	SLV_Ex	Combination		-1.75	-37.2
550	550	Shell-Thick	142	SLV_Ex	Combination		-2.6	-37.37
550	550	Shell-Thick	448	SLV_Ex	Combination		-7.12	-59.97
551	551	Shell-Thick	448	SLU_ENV	Combination	Max	0.14	31.43
551	551	Shell-Thick	142	SLU_ENV	Combination	Max	3.224E-03	29.84

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
551	551	Shell-Thick	169	SLU_ENV	Combination	Max	0.29	29.85
551	551	Shell-Thick	449	SLU_ENV	Combination	Max	0.37	31.44
551	551	Shell-Thick	448	SLU_ENV	Combination	Min	-6.471E-03	10.98
551	551	Shell-Thick	142	SLU_ENV	Combination	Min	-0.18	11.03
551	551	Shell-Thick	169	SLU_ENV	Combination	Min	-0.15	11.09
551	551	Shell-Thick	449	SLU_ENV	Combination	Min	8.107E-02	11.04
551	551	Shell-Thick	448	SLV_Ex	Combination		-6.75	-58.08
551	551	Shell-Thick	142	SLV_Ex	Combination		-2.55	-37.1
551	551	Shell-Thick	169	SLV_Ex	Combination		-2.2	-37.03
551	551	Shell-Thick	449	SLV_Ex	Combination		-6.4	-58.01
552	552	Shell-Thick	449	SLU_ENV	Combination	Max	7.931E-02	30.99
552	552	Shell-Thick	169	SLU_ENV	Combination	Max	0.15	29.73
552	552	Shell-Thick	196	SLU_ENV	Combination	Max	-0.13	29.59
552	552	Shell-Thick	450	SLU_ENV	Combination	Max	-0.23	30.85
552	552	Shell-Thick	449	SLU_ENV	Combination	Min	5.082E-02	9.9
552	552	Shell-Thick	169	SLU_ENV	Combination	Min	-0.17	10.4
552	552	Shell-Thick	196	SLU_ENV	Combination	Min	-0.84	10.34
552	552	Shell-Thick	450	SLU_ENV	Combination	Min	-0.58	9.84
552	552	Shell-Thick	449	SLV_Ex	Combination		-6.23	-57.19
552	552	Shell-Thick	169	SLV_Ex	Combination		-1.47	-33.37
552	552	Shell-Thick	196	SLV_Ex	Combination		-6.08	-34.29
552	552	Shell-Thick	450	SLV_Ex	Combination		-10.84	-58.12
553	553	Shell-Thick	450	SLU_ENV	Combination	Max	-0.48	27.73
553	553	Shell-Thick	196	SLU_ENV	Combination	Max	-0.18	29.68
553	553	Shell-Thick	223	SLU_ENV	Combination	Max	0.43	29.88
553	553	Shell-Thick	451	SLU_ENV	Combination	Max	6.223E-02	27.93
553	553	Shell-Thick	450	SLU_ENV	Combination	Min	-1.21	8.59
553	553	Shell-Thick	196	SLU_ENV	Combination	Min	-0.82	10.08
553	553	Shell-Thick	223	SLU_ENV	Combination	Min	0.12	10.19
553	553	Shell-Thick	451	SLU_ENV	Combination	Min	-0.2	8.7
553	553	Shell-Thick	450	SLV_Ex	Combination		-11.85	-63.16
553	553	Shell-Thick	196	SLV_Ex	Combination		-6.2	-34.92
553	553	Shell-Thick	223	SLV_Ex	Combination		2.58	-33.17
553	553	Shell-Thick	451	SLV_Ex	Combination		-3.07	-61.4
554	554	Shell-Thick	451	SLU_ENV	Combination	Max	-0.47	18.7
554	554	Shell-Thick	223	SLU_ENV	Combination	Max	0.49	30.38
554	554	Shell-Thick	250	SLU_ENV	Combination	Max	-1.96	29.54
554	554	Shell-Thick	458	SLU_ENV	Combination	Max	-2.8	17.85
554	554	Shell-Thick	451	SLU_ENV	Combination	Min	-2.05	6.04
554	554	Shell-Thick	223	SLU_ENV	Combination	Min	0.16	10.21
554	554	Shell-Thick	250	SLU_ENV	Combination	Min	-3.95	9.74
554	554	Shell-Thick	458	SLU_ENV	Combination	Min	-6.28	5.58
554	554	Shell-Thick	451	SLV_Ex	Combination		-8.14	-86.76
554	554	Shell-Thick	223	SLV_Ex	Combination		4.22	-24.95
554	554	Shell-Thick	250	SLV_Ex	Combination		-31.01	-32.
554	554	Shell-Thick	458	SLV_Ex	Combination		-43.37	-93.81
555	555	Shell-Thick	458	SLU_ENV	Combination	Max	-4.55	-2.6
555	555	Shell-Thick	250	SLU_ENV	Combination	Max	-1.88	31.25
555	555	Shell-Thick	277	SLU_ENV	Combination	Max	13.71	34.71
555	555	Shell-Thick	459	SLU_ENV	Combination	Max	6.06	-0.97
555	555	Shell-Thick	458	SLU_ENV	Combination	Min	-11.26	-7.6
555	555	Shell-Thick	250	SLU_ENV	Combination	Min	-3.6	10.17
555	555	Shell-Thick	277	SLU_ENV	Combination	Min	5.58	11.66
555	555	Shell-Thick	459	SLU_ENV	Combination	Min	2.91	-4.27

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
555	555	Shell-Thick	458	SLV_Ex	Combination		-59.03	-172.07
555	555	Shell-Thick	250	SLV_Ex	Combination		-29.95	-26.66
555	555	Shell-Thick	277	SLV_Ex	Combination		110.99	1.52
555	555	Shell-Thick	459	SLV_Ex	Combination		81.91	-143.88
556	556	Shell-Thick	459	SLU_ENV	Combination	Max	4.07	-5.37
556	556	Shell-Thick	277	SLU_ENV	Combination	Max	12.66	29.44
556	556	Shell-Thick	304	SLU_ENV	Combination	Max	1.62	27.23
556	556	Shell-Thick	460	SLU_ENV	Combination	Max	-3.34	-6.51
556	556	Shell-Thick	459	SLU_ENV	Combination	Min	1.83	-15.23
556	556	Shell-Thick	277	SLU_ENV	Combination	Min	5.18	9.65
556	556	Shell-Thick	304	SLU_ENV	Combination	Min	-0.51	8.52
556	556	Shell-Thick	460	SLU_ENV	Combination	Min	-7.49	-17.43
556	556	Shell-Thick	459	SLV_Ex	Combination		98.43	-61.28
556	556	Shell-Thick	277	SLV_Ex	Combination		109.27	-7.1
556	556	Shell-Thick	304	SLV_Ex	Combination		-139.04	-56.76
556	556	Shell-Thick	460	SLV_Ex	Combination		-149.88	-110.95
613	613	Shell-Thick	750	SLU_ENV	Combination	Max	-0.56	38.31
613	613	Shell-Thick	550	SLU_ENV	Combination	Max	-4.59	-8.28
613	613	Shell-Thick	551	SLU_ENV	Combination	Max	7.38	-6.79
613	613	Shell-Thick	734	SLU_ENV	Combination	Max	20.42	42.58
613	613	Shell-Thick	750	SLU_ENV	Combination	Min	-0.92	11.86
613	613	Shell-Thick	550	SLU_ENV	Combination	Min	-13.95	-26.86
613	613	Shell-Thick	551	SLU_ENV	Combination	Min	2.86	-22.6
613	613	Shell-Thick	734	SLU_ENV	Combination	Min	6.88	13.35
613	613	Shell-Thick	750	SLV_Ex	Combination		174.03	113.51
613	613	Shell-Thick	550	SLV_Ex	Combination		169.5	90.86
613	613	Shell-Thick	551	SLV_Ex	Combination		-111.3	34.7
613	613	Shell-Thick	734	SLV_Ex	Combination		-106.77	57.35
614	614	Shell-Thick	734	SLU_ENV	Combination	Max	21.7	48.99
614	614	Shell-Thick	551	SLU_ENV	Combination	Max	9.54	-2.28
614	614	Shell-Thick	552	SLU_ENV	Combination	Max	-5.39	-4.11
614	614	Shell-Thick	718	SLU_ENV	Combination	Max	-1.85	43.94
614	614	Shell-Thick	734	SLU_ENV	Combination	Min	7.3	15.41
614	614	Shell-Thick	551	SLU_ENV	Combination	Min	3.76	-11.8
614	614	Shell-Thick	552	SLU_ENV	Combination	Min	-15.71	-16.85
614	614	Shell-Thick	718	SLU_ENV	Combination	Min	-3.55	13.58
614	614	Shell-Thick	734	SLV_Ex	Combination		-106.86	56.89
614	614	Shell-Thick	551	SLV_Ex	Combination		-86.44	159.
614	614	Shell-Thick	552	SLV_Ex	Combination		42.33	184.75
614	614	Shell-Thick	718	SLV_Ex	Combination		21.91	82.64
615	615	Shell-Thick	718	SLU_ENV	Combination	Max	-1.93	40.49
615	615	Shell-Thick	552	SLU_ENV	Combination	Max	-3.23	14.92
615	615	Shell-Thick	553	SLU_ENV	Combination	Max	-1.2	15.88
615	615	Shell-Thick	331	SLU_ENV	Combination	Max	0.55	41.45
615	615	Shell-Thick	718	SLU_ENV	Combination	Min	-4.24	13.17
615	615	Shell-Thick	552	SLU_ENV	Combination	Min	-9.36	6.7
615	615	Shell-Thick	553	SLU_ENV	Combination	Min	-4.56	7.11
615	615	Shell-Thick	331	SLU_ENV	Combination	Min	9.033E-02	13.58
615	615	Shell-Thick	718	SLV_Ex	Combination		22.88	87.52
615	615	Shell-Thick	552	SLV_Ex	Combination		35.85	152.36
615	615	Shell-Thick	553	SLV_Ex	Combination		11.97	147.58
615	615	Shell-Thick	331	SLV_Ex	Combination		-1.	82.74
616	616	Shell-Thick	331	SLU_ENV	Combination	Max	0.2	38.92
616	616	Shell-Thick	553	SLU_ENV	Combination	Max	-0.27	30.63

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
616	616	Shell-Thick	554	SLU_ENV	Combination	Max	-0.8	30.4
616	616	Shell-Thick	349	SLU_ENV	Combination	Max	-0.44	38.69
616	616	Shell-Thick	331	SLU_ENV	Combination	Min	-6.199E-02	13.56
616	616	Shell-Thick	553	SLU_ENV	Combination	Min	-1.61	11.76
616	616	Shell-Thick	554	SLU_ENV	Combination	Min	-2.74	11.66
616	616	Shell-Thick	349	SLU_ENV	Combination	Min	-1.08	13.45
616	616	Shell-Thick	331	SLV_Ex	Combination		1.13	93.37
616	616	Shell-Thick	553	SLV_Ex	Combination		10.32	139.32
616	616	Shell-Thick	554	SLV_Ex	Combination		7.56	138.77
616	616	Shell-Thick	349	SLV_Ex	Combination		-1.63	92.82
617	617	Shell-Thick	349	SLU_ENV	Combination	Max	-0.41	35.89
617	617	Shell-Thick	554	SLU_ENV	Combination	Max	-0.38	36.17
617	617	Shell-Thick	555	SLU_ENV	Combination	Max	6.610E-03	36.45
617	617	Shell-Thick	367	SLU_ENV	Combination	Max	-3.967E-02	36.17
617	617	Shell-Thick	349	SLU_ENV	Combination	Min	-1.64	13.57
617	617	Shell-Thick	554	SLU_ENV	Combination	Min	-1.59	13.73
617	617	Shell-Thick	555	SLU_ENV	Combination	Min	-0.28	13.79
617	617	Shell-Thick	367	SLU_ENV	Combination	Min	-0.33	13.63
617	617	Shell-Thick	349	SLV_Ex	Combination		-1.31	94.41
617	617	Shell-Thick	554	SLV_Ex	Combination		7.59	138.91
617	617	Shell-Thick	555	SLV_Ex	Combination		9.57	139.31
617	617	Shell-Thick	367	SLV_Ex	Combination		0.67	94.81
618	618	Shell-Thick	367	SLU_ENV	Combination	Max	-0.13	33.5
618	618	Shell-Thick	555	SLU_ENV	Combination	Max	-4.577E-03	35.51
618	618	Shell-Thick	556	SLU_ENV	Combination	Max	0.41	35.66
618	618	Shell-Thick	385	SLU_ENV	Combination	Max	0.13	33.66
618	618	Shell-Thick	367	SLU_ENV	Combination	Min	-0.78	13.56
618	618	Shell-Thick	555	SLU_ENV	Combination	Min	-0.38	14.17
618	618	Shell-Thick	556	SLU_ENV	Combination	Min	4.670E-02	14.19
618	618	Shell-Thick	385	SLU_ENV	Combination	Min	-0.2	13.57
618	618	Shell-Thick	367	SLV_Ex	Combination		1.59	99.41
618	618	Shell-Thick	555	SLV_Ex	Combination		8.58	134.36
618	618	Shell-Thick	556	SLV_Ex	Combination		8.54	134.36
618	618	Shell-Thick	385	SLV_Ex	Combination		1.55	99.4
619	619	Shell-Thick	385	SLU_ENV	Combination	Max	-9.281E-02	30.88
619	619	Shell-Thick	556	SLU_ENV	Combination	Max	6.296E-02	32.86
619	619	Shell-Thick	557	SLU_ENV	Combination	Max	0.66	33.02
619	619	Shell-Thick	403	SLU_ENV	Combination	Max	0.31	31.04
619	619	Shell-Thick	385	SLU_ENV	Combination	Min	-0.55	13.49
619	619	Shell-Thick	556	SLU_ENV	Combination	Min	-0.18	14.11
619	619	Shell-Thick	557	SLU_ENV	Combination	Min	0.12	14.13
619	619	Shell-Thick	403	SLU_ENV	Combination	Min	-5.518E-02	13.5
619	619	Shell-Thick	385	SLV_Ex	Combination		1.74	100.37
619	619	Shell-Thick	556	SLV_Ex	Combination		8.07	132.
619	619	Shell-Thick	557	SLV_Ex	Combination		7.84	131.96
619	619	Shell-Thick	403	SLV_Ex	Combination		1.51	100.32
620	620	Shell-Thick	403	SLU_ENV	Combination	Max	-1.935E-02	29.95
620	620	Shell-Thick	557	SLU_ENV	Combination	Max	0.22	31.53
620	620	Shell-Thick	558	SLU_ENV	Combination	Max	0.46	31.51
620	620	Shell-Thick	421	SLU_ENV	Combination	Max	0.28	29.94
620	620	Shell-Thick	403	SLU_ENV	Combination	Min	-0.17	12.35
620	620	Shell-Thick	557	SLU_ENV	Combination	Min	-1.219E-02	12.78
620	620	Shell-Thick	558	SLU_ENV	Combination	Min	5.700E-02	12.86
620	620	Shell-Thick	421	SLU_ENV	Combination	Min	-0.16	12.43

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
620	620	Shell-Thick	403	SLV_Ex	Combination		1.47	100.14
620	620	Shell-Thick	557	SLV_Ex	Combination		7.51	130.35
620	620	Shell-Thick	558	SLV_Ex	Combination		8.16	130.48
620	620	Shell-Thick	421	SLV_Ex	Combination		2.12	100.27
621	621	Shell-Thick	421	SLU_ENV	Combination	Max	3.188E-03	29.84
621	621	Shell-Thick	558	SLU_ENV	Combination	Max	0.14	31.43
621	621	Shell-Thick	559	SLU_ENV	Combination	Max	0.37	31.44
621	621	Shell-Thick	439	SLU_ENV	Combination	Max	0.29	29.85
621	621	Shell-Thick	421	SLU_ENV	Combination	Min	-0.18	11.03
621	621	Shell-Thick	558	SLU_ENV	Combination	Min	-6.477E-03	10.98
621	621	Shell-Thick	559	SLU_ENV	Combination	Min	8.109E-02	11.04
621	621	Shell-Thick	439	SLU_ENV	Combination	Min	-0.15	11.09
621	621	Shell-Thick	421	SLV_Ex	Combination		2.04	99.86
621	621	Shell-Thick	558	SLV_Ex	Combination		7.9	129.14
621	621	Shell-Thick	559	SLV_Ex	Combination		7.78	129.12
621	621	Shell-Thick	439	SLV_Ex	Combination		1.92	99.84
622	622	Shell-Thick	439	SLU_ENV	Combination	Max	0.15	29.73
622	622	Shell-Thick	559	SLU_ENV	Combination	Max	7.933E-02	30.99
622	622	Shell-Thick	560	SLU_ENV	Combination	Max	-0.23	30.85
622	622	Shell-Thick	457	SLU_ENV	Combination	Max	-0.13	29.59
622	622	Shell-Thick	439	SLU_ENV	Combination	Min	-0.17	10.4
622	622	Shell-Thick	559	SLU_ENV	Combination	Min	5.081E-02	9.9
622	622	Shell-Thick	560	SLU_ENV	Combination	Min	-0.58	9.84
622	622	Shell-Thick	457	SLU_ENV	Combination	Min	-0.84	10.34
622	622	Shell-Thick	439	SLV_Ex	Combination		1.16	96.04
622	622	Shell-Thick	559	SLV_Ex	Combination		8.16	131.06
622	622	Shell-Thick	560	SLV_Ex	Combination		10.51	131.53
622	622	Shell-Thick	457	SLV_Ex	Combination		3.5	96.5
623	623	Shell-Thick	457	SLU_ENV	Combination	Max	-0.18	29.68
623	623	Shell-Thick	560	SLU_ENV	Combination	Max	-0.48	27.73
623	623	Shell-Thick	566	SLU_ENV	Combination	Max	6.223E-02	27.93
623	623	Shell-Thick	475	SLU_ENV	Combination	Max	0.43	29.88
623	623	Shell-Thick	457	SLU_ENV	Combination	Min	-0.82	10.08
623	623	Shell-Thick	560	SLU_ENV	Combination	Min	-1.21	8.59
623	623	Shell-Thick	566	SLU_ENV	Combination	Min	-0.2	8.7
623	623	Shell-Thick	475	SLU_ENV	Combination	Min	0.12	10.19
623	623	Shell-Thick	457	SLV_Ex	Combination		3.54	96.69
623	623	Shell-Thick	560	SLV_Ex	Combination		11.7	137.48
623	623	Shell-Thick	566	SLV_Ex	Combination		5.54	136.25
623	623	Shell-Thick	475	SLV_Ex	Combination		-2.62	95.46
624	624	Shell-Thick	475	SLU_ENV	Combination	Max	0.49	30.38
624	624	Shell-Thick	566	SLU_ENV	Combination	Max	-0.47	18.7
624	624	Shell-Thick	567	SLU_ENV	Combination	Max	-2.8	17.85
624	624	Shell-Thick	493	SLU_ENV	Combination	Max	-1.96	29.54
624	624	Shell-Thick	475	SLU_ENV	Combination	Min	0.16	10.21
624	624	Shell-Thick	566	SLU_ENV	Combination	Min	-2.05	6.04
624	624	Shell-Thick	567	SLU_ENV	Combination	Min	-6.28	5.58
624	624	Shell-Thick	493	SLU_ENV	Combination	Min	-3.95	9.74
624	624	Shell-Thick	475	SLV_Ex	Combination		-4.75	84.82
624	624	Shell-Thick	566	SLV_Ex	Combination		9.52	156.17
624	624	Shell-Thick	567	SLV_Ex	Combination		32.71	160.81
624	624	Shell-Thick	493	SLV_Ex	Combination		18.44	89.46
625	625	Shell-Thick	493	SLU_ENV	Combination	Max	-1.88	31.24
625	625	Shell-Thick	567	SLU_ENV	Combination	Max	-4.55	-2.6

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
625	625	Shell-Thick	568	SLU_ENV	Combination	Max	6.06	-0.97
625	625	Shell-Thick	511	SLU_ENV	Combination	Max	13.71	34.71
625	625	Shell-Thick	493	SLU_ENV	Combination	Min	-3.6	10.17
625	625	Shell-Thick	567	SLU_ENV	Combination	Min	-11.26	-7.6
625	625	Shell-Thick	568	SLU_ENV	Combination	Min	2.91	-4.27
625	625	Shell-Thick	511	SLU_ENV	Combination	Min	5.58	11.66
625	625	Shell-Thick	493	SLV_Ex	Combination		17.26	83.53
625	625	Shell-Thick	567	SLV_Ex	Combination		40.1	197.72
625	625	Shell-Thick	568	SLV_Ex	Combination		-73.53	174.99
625	625	Shell-Thick	511	SLV_Ex	Combination		-96.37	60.81
626	626	Shell-Thick	511	SLU_ENV	Combination	Max	12.66	29.44
626	626	Shell-Thick	568	SLU_ENV	Combination	Max	4.07	-5.37
626	626	Shell-Thick	569	SLU_ENV	Combination	Max	-3.34	-6.51
626	626	Shell-Thick	529	SLU_ENV	Combination	Max	1.62	27.23
626	626	Shell-Thick	511	SLU_ENV	Combination	Min	5.18	9.65
626	626	Shell-Thick	568	SLU_ENV	Combination	Min	1.83	-15.23
626	626	Shell-Thick	569	SLU_ENV	Combination	Min	-7.49	-17.43
626	626	Shell-Thick	529	SLU_ENV	Combination	Min	-0.51	8.51
626	626	Shell-Thick	511	SLV_Ex	Combination		-96.41	60.6
626	626	Shell-Thick	568	SLV_Ex	Combination		-99.21	46.6
626	626	Shell-Thick	569	SLV_Ex	Combination		152.37	96.91
626	626	Shell-Thick	529	SLV_Ex	Combination		155.17	110.92

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
18	18	583	SLU_ENV	Max	22.57	0.	0.	0.
18	18	582	SLU_ENV	Max	77.36	0.	0.	0.
18	18	564	SLU_ENV	Max	73.43	0.	0.	0.
18	18	565	SLU_ENV	Max	18.65	0.	0.	0.
18	18	583	SLU_ENV	Min	8.95	0.	0.	0.
18	18	582	SLU_ENV	Min	18.42	0.	0.	0.
18	18	564	SLU_ENV	Min	18.28	0.	0.	0.
18	18	565	SLU_ENV	Min	8.81	0.	0.	0.
18	18	583	SLV_Ex		-3.	3.56	-23.71	-83.645
18	18	582	SLV_Ex		-106.61	145.81	-70.6	-40.082
18	18	564	SLV_Ex		-50.12	10.18	-266.74	-10.61
18	18	565	SLV_Ex		53.49	-64.94	-286.98	14.402
19	19	565	SLU_ENV	Max	12.12	0.	0.	0.
19	19	564	SLU_ENV	Max	80.99	0.	0.	0.
19	19	546	SLU_ENV	Max	61.42	0.	0.	0.
19	19	547	SLU_ENV	Max	1.49	0.	0.	0.
19	19	565	SLU_ENV	Min	0.68	0.	0.	0.
19	19	564	SLU_ENV	Min	21.55	0.	0.	0.
19	19	546	SLU_ENV	Min	17.78	0.	0.	0.
19	19	547	SLU_ENV	Min	-12.04	0.	0.	0.
19	19	565	SLV_Ex		0.7	-71.81	-271.88	0.201
19	19	564	SLV_Ex		-16.06	4.82	-257.73	-3.514
19	19	546	SLV_Ex		23.84	15.45	-213.71	6.004
19	19	547	SLV_Ex		40.6	-53.18	-235.86	13.196
20	20	547	SLU_ENV	Max	13.99	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
20	20	546	SLU_ENV	Max	45.04	0.	0.	0.
20	20	119	SLU_ENV	Max	29.36	0.	0.	0.
20	20	120	SLU_ENV	Max	3.93	0.	0.	0.
20	20	547	SLU_ENV	Min	-2.934E-02	0.	0.	0.
20	20	546	SLU_ENV	Min	13.56	0.	0.	0.
20	20	119	SLU_ENV	Min	9.06	0.	0.	0.
20	20	120	SLU_ENV	Min	-10.16	0.	0.	0.
20	20	547	SLV_Ex		12.56	-64.96	-227.96	4.434
20	20	546	SLV_Ex		27.45	-24.01	-223.23	7.998
20	20	119	SLV_Ex		21.64	-21.37	-202.61	6.908
20	20	120	SLV_Ex		6.75	-61.75	-207.92	2.651
21	21	120	SLU_ENV	Max	9.82	0.	0.	0.
21	21	119	SLU_ENV	Max	24.22	0.	0.	0.
21	21	6	SLU_ENV	Max	14.79	0.	0.	0.
21	21	7	SLU_ENV	Max	3.94	0.	0.	0.
21	21	120	SLU_ENV	Min	-5.01	0.	0.	0.
21	21	119	SLU_ENV	Min	7.96	0.	0.	0.
21	21	6	SLU_ENV	Min	5.71	0.	0.	0.
21	21	7	SLU_ENV	Min	-10.79	0.	0.	0.
21	21	120	SLV_Ex		2.8	-68.15	-208.89	1.14
21	21	119	SLV_Ex		22.29	-37.53	-206.3	7.658
21	21	6	SLV_Ex		20.85	-34.74	-191.32	7.722
21	21	7	SLV_Ex		1.36	-65.23	-194.05	0.604
22	22	7	SLU_ENV	Max	6.4	0.	0.	0.
22	22	6	SLU_ENV	Max	10.22	0.	0.	0.
22	22	34	SLU_ENV	Max	6.86	0.	0.	0.
22	22	35	SLU_ENV	Max	3.03	0.	0.	0.
22	22	7	SLU_ENV	Min	-8.58	0.	0.	0.
22	22	6	SLU_ENV	Min	3.52	0.	0.	0.
22	22	34	SLU_ENV	Min	1.13	0.	0.	0.
22	22	35	SLU_ENV	Min	-10.97	0.	0.	0.
22	22	7	SLV_Ex		3.61	-65.24	-194.15	1.606
22	22	6	SLV_Ex		17.5	-45.76	-192.67	6.893
22	22	34	SLV_Ex		11.9	-45.94	-186.95	4.86
22	22	35	SLV_Ex		-1.99	-64.39	-189.47	-0.911
23	23	35	SLU_ENV	Max	4.04	0.	0.	0.
23	23	34	SLU_ENV	Max	4.92	0.	0.	0.
23	23	61	SLU_ENV	Max	2.67	0.	0.	0.
23	23	62	SLU_ENV	Max	1.78	0.	0.	0.
23	23	35	SLU_ENV	Min	-10.19	0.	0.	0.
23	23	34	SLU_ENV	Min	-0.1	0.	0.	0.
23	23	61	SLU_ENV	Min	-1.41	0.	0.	0.
23	23	62	SLU_ENV	Min	-11.49	0.	0.	0.
23	23	35	SLV_Ex		1.49	-68.56	-190.28	0.702
23	23	34	SLV_Ex		11.09	-48.22	-187.26	4.588
23	23	61	SLV_Ex		9.21	-48.24	-185.74	3.848
23	23	62	SLV_Ex		-0.39	-68.32	-189.02	-0.185
24	24	62	SLU_ENV	Max	1.87	0.	0.	0.
24	24	61	SLU_ENV	Max	1.61	0.	0.	0.
24	24	88	SLU_ENV	Max	0.19	0.	0.	0.
24	24	89	SLU_ENV	Max	0.45	0.	0.	0.
24	24	62	SLU_ENV	Min	-11.41	0.	0.	0.
24	24	61	SLU_ENV	Min	-1.41	0.	0.	0.
24	24	88	SLU_ENV	Min	-1.26	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
24	24	89	SLU_ENV	Min	-11.26	0.	0.	0.
24	24	62	SLV_Ex		2.33	-69.74	-189.35	1.116
24	24	61	SLV_Ex		7.45	-49.7	-185.78	3.145
24	24	88	SLV_Ex		5.23	-49.93	-185.64	2.209
24	24	89	SLV_Ex		0.1	-69.8	-189.38	0.049
25	25	89	SLU_ENV	Max	0.31	0.	0.	0.
25	25	88	SLU_ENV	Max	-0.21	0.	0.	0.
25	25	141	SLU_ENV	Max	-0.7	0.	0.	0.
25	25	142	SLU_ENV	Max	-0.41	0.	0.	0.
25	25	89	SLU_ENV	Min	-11.26	0.	0.	0.
25	25	88	SLU_ENV	Min	-1.74	0.	0.	0.
25	25	141	SLU_ENV	Min	-2.21	0.	0.	0.
25	25	142	SLU_ENV	Min	-11.49	0.	0.	0.
25	25	89	SLV_Ex		2.25	-70.09	-189.48	1.081
25	25	88	SLV_Ex		4.79	-50.3	-185.68	2.03
25	25	141	SLV_Ex		2.51	-50.38	-185.35	1.067
25	25	142	SLV_Ex		-2.791E-02	-70.09	-189.23	-0.013
26	26	142	SLU_ENV	Max	-0.43	0.	0.	0.
26	26	141	SLU_ENV	Max	-0.12	0.	0.	0.
26	26	168	SLU_ENV	Max	0.21	0.	0.	0.
26	26	169	SLU_ENV	Max	-1.07	0.	0.	0.
26	26	142	SLU_ENV	Min	-11.45	0.	0.	0.
26	26	141	SLU_ENV	Min	-2.91	0.	0.	0.
26	26	168	SLU_ENV	Min	-4.7	0.	0.	0.
26	26	169	SLU_ENV	Min	-12.26	0.	0.	0.
26	26	142	SLV_Ex		2.29	-69.81	-189.23	1.098
26	26	141	SLV_Ex		0.81	-49.76	-185.17	0.342
26	26	168	SLV_Ex		-0.44	-49.85	-185.61	-0.187
26	26	169	SLV_Ex		1.04	-69.93	-189.63	0.496
27	27	169	SLU_ENV	Max	-0.85	0.	0.	0.
27	27	168	SLU_ENV	Max	0.54	0.	0.	0.
27	27	195	SLU_ENV	Max	0.36	0.	0.	0.
27	27	196	SLU_ENV	Max	-1.84	0.	0.	0.
27	27	169	SLU_ENV	Min	-11.58	0.	0.	0.
27	27	168	SLU_ENV	Min	-6.04	0.	0.	0.
27	27	195	SLU_ENV	Min	-8.08	0.	0.	0.
27	27	196	SLU_ENV	Min	-12.79	0.	0.	0.
27	27	169	SLV_Ex		4.16	-66.6	-189.12	1.946
27	27	168	SLV_Ex		-0.96	-49.33	-185.51	-0.406
27	27	195	SLV_Ex		-6.68	-49.42	-187.86	-2.768
27	27	196	SLV_Ex		-1.56	-67.12	-191.03	-0.719
28	28	196	SLU_ENV	Max	-0.9	0.	0.	0.
28	28	195	SLU_ENV	Max	0.18	0.	0.	0.
28	28	222	SLU_ENV	Max	-1.07	0.	0.	0.
28	28	223	SLU_ENV	Max	-2.84	0.	0.	0.
28	28	196	SLU_ENV	Min	-10.58	0.	0.	0.
28	28	195	SLU_ENV	Min	-10.21	0.	0.	0.
28	28	222	SLU_ENV	Min	-15.32	0.	0.	0.
28	28	223	SLU_ENV	Min	-15.	0.	0.	0.
28	28	196	SLV_Ex		1.75	-67.67	-191.15	0.813
28	28	195	SLV_Ex		-10.41	-41.5	-186.79	-4.121
28	28	222	SLV_Ex		-12.21	-43.37	-197.48	-4.559
28	28	223	SLV_Ex		-4.589E-02	-69.79	-201.6	-0.02
29	29	223	SLU_ENV	Max	-0.45	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
29	29	222	SLU_ENV	Max	-1.89	0.	0.	0.
29	29	249	SLU_ENV	Max	-4.85	0.	0.	0.
29	29	250	SLU_ENV	Max	-4.88	0.	0.	0.
29	29	223	SLU_ENV	Min	-9.62	0.	0.	0.
29	29	222	SLU_ENV	Min	-18.64	0.	0.	0.
29	29	249	SLU_ENV	Min	-28.57	0.	0.	0.
29	29	250	SLU_ENV	Min	-18.07	0.	0.	0.
29	29	223	SLV_Ex		-0.48	-62.6	-200.16	-0.2
29	29	222	SLV_Ex		-13.09	-30.41	-194.98	-4.578
29	29	249	SLV_Ex		-23.03	-32.17	-215.14	-7.288
29	29	250	SLV_Ex		-10.41	-65.55	-219.14	-3.895
30	30	250	SLU_ENV	Max	1.82	0.	0.	0.
30	30	249	SLU_ENV	Max	-8.	0.	0.	0.
30	30	276	SLU_ENV	Max	-11.4	0.	0.	0.
30	30	277	SLU_ENV	Max	-4.67	0.	0.	0.
30	30	250	SLU_ENV	Min	-8.4	0.	0.	0.
30	30	249	SLU_ENV	Min	-40.35	0.	0.	0.
30	30	276	SLU_ENV	Min	-53.49	0.	0.	0.
30	30	277	SLU_ENV	Min	-18.44	0.	0.	0.
30	30	250	SLV_Ex		-34.45	-54.31	-224.77	-11.922
30	30	249	SLV_Ex		-24.01	10.09	-206.39	-6.408
30	30	276	SLV_Ex		11.01	-2.98	-258.39	2.474
30	30	277	SLV_Ex		0.57	-72.43	-271.71	0.164
31	31	277	SLU_ENV	Max	-7.97	0.	0.	0.
31	31	276	SLU_ENV	Max	-9.54	0.	0.	0.
31	31	303	SLU_ENV	Max	-10.37	0.	0.	0.
31	31	304	SLU_ENV	Max	-8.78	0.	0.	0.
31	31	277	SLU_ENV	Min	-18.9	0.	0.	0.
31	31	276	SLU_ENV	Min	-47.95	0.	0.	0.
31	31	303	SLU_ENV	Min	-51.21	0.	0.	0.
31	31	304	SLU_ENV	Min	-22.18	0.	0.	0.
31	31	277	SLV_Ex		-55.45	-65.19	-288.	-14.927
31	31	276	SLV_Ex		48.54	9.27	-265.98	10.327
31	31	303	SLV_Ex		103.19	134.83	-77.03	38.468
31	31	304	SLV_Ex		-0.81	-11.09	-27.6	-87.189
32	32	582	SLU_ENV	Max	22.64	0.	0.	0.
32	32	581	SLU_ENV	Max	3.19	0.	0.	0.
32	32	563	SLU_ENV	Max	7.99	0.	0.	0.
32	32	564	SLU_ENV	Max	27.43	0.	0.	0.
32	32	582	SLU_ENV	Min	5.08	0.	0.	0.
32	32	581	SLU_ENV	Min	0.5	0.	0.	0.
32	32	563	SLU_ENV	Min	2.36	0.	0.	0.
32	32	564	SLU_ENV	Min	6.94	0.	0.	0.
32	32	582	SLV_Ex		-30.12	39.71	-102.82	-12.5
32	32	581	SLV_Ex		-3.6	6.38	-101.62	-1.91
32	32	563	SLV_Ex		-18.1	-6.56	-177.25	-6.122
32	32	564	SLV_Ex		-44.62	28.32	-180.	-12.683
33	33	564	SLU_ENV	Max	34.99	0.	0.	0.
33	33	563	SLU_ENV	Max	17.08	0.	0.	0.
33	33	545	SLU_ENV	Max	24.78	0.	0.	0.
33	33	546	SLU_ENV	Max	42.7	0.	0.	0.
33	33	564	SLU_ENV	Min	10.21	0.	0.	0.
33	33	563	SLU_ENV	Min	4.64	0.	0.	0.
33	33	545	SLU_ENV	Min	6.76	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
33	33	546	SLU_ENV	Min	12.33	0.	0.	0.
33	33	564	SLV_Ex		-10.56	21.9	-169.93	-3.162
33	33	563	SLV_Ex		-32.73	10.57	-178.51	-10.126
33	33	545	SLV_Ex		-25.79	1.36	-208.76	-7.104
33	33	546	SLV_Ex		-3.62	14.8	-202.29	-0.957
34	34	546	SLU_ENV	Max	26.33	0.	0.	0.
34	34	545	SLU_ENV	Max	21.25	0.	0.	0.
34	34	118	SLU_ENV	Max	11.77	0.	0.	0.
34	34	119	SLU_ENV	Max	15.97	0.	0.	0.
34	34	546	SLU_ENV	Min	8.11	0.	0.	0.
34	34	545	SLU_ENV	Min	6.74	0.	0.	0.
34	34	118	SLU_ENV	Min	3.96	0.	0.	0.
34	34	119	SLU_ENV	Min	6.2	0.	0.	0.
34	34	546	SLV_Ex		-1.058E-02	-26.07	-210.39	-3.288E-03
34	34	545	SLV_Ex		-8.32	-5.55	-206.7	-2.371
34	34	118	SLV_Ex		2.68	-1.16	-182.91	0.845
34	34	119	SLV_Ex		10.98	-20.65	-187.64	3.78
35	35	119	SLU_ENV	Max	12.35	0.	0.	0.
35	35	118	SLU_ENV	Max	9.29	0.	0.	0.
35	35	5	SLU_ENV	Max	7.96	0.	0.	0.
35	35	6	SLU_ENV	Max	11.02	0.	0.	0.
35	35	119	SLU_ENV	Min	3.57	0.	0.	0.
35	35	118	SLU_ENV	Min	0.94	0.	0.	0.
35	35	5	SLU_ENV	Min	-0.49	0.	0.	0.
35	35	6	SLU_ENV	Min	2.14	0.	0.	0.
35	35	119	SLV_Ex		11.63	-37.03	-191.1	4.343
35	35	118	SLV_Ex		2.32	-19.31	-186.54	0.794
35	35	5	SLV_Ex		0.26	-16.96	-174.58	0.094
35	35	6	SLV_Ex		9.58	-34.89	-178.94	3.82
36	36	6	SLU_ENV	Max	7.44	0.	0.	0.
36	36	5	SLU_ENV	Max	5.84	0.	0.	0.
36	36	33	SLU_ENV	Max	3.5	0.	0.	0.
36	36	34	SLU_ENV	Max	5.1	0.	0.	0.
36	36	6	SLU_ENV	Min	-1.04	0.	0.	0.
36	36	5	SLU_ENV	Min	-2.96	0.	0.	0.
36	36	33	SLU_ENV	Min	-5.13	0.	0.	0.
36	36	34	SLU_ENV	Min	-3.21	0.	0.	0.
36	36	6	SLV_Ex		6.23	-45.55	-180.65	2.646
36	36	5	SLV_Ex		4.47	-25.33	-176.42	1.696
36	36	33	SLV_Ex		5.72	-23.82	-169.43	2.253
36	36	34	SLV_Ex		7.48	-43.99	-173.71	3.312
37	37	34	SLU_ENV	Max	3.17	0.	0.	0.
37	37	33	SLU_ENV	Max	2.72	0.	0.	0.
37	37	60	SLU_ENV	Max	1.8	0.	0.	0.
37	37	61	SLU_ENV	Max	2.26	0.	0.	0.
37	37	34	SLU_ENV	Min	-4.45	0.	0.	0.
37	37	33	SLU_ENV	Min	-5.39	0.	0.	0.
37	37	60	SLU_ENV	Min	-5.44	0.	0.	0.
37	37	61	SLU_ENV	Min	-4.49	0.	0.	0.
37	37	34	SLV_Ex		6.67	-46.23	-174.06	2.993
37	37	33	SLV_Ex		4.08	-27.56	-170.05	1.64
37	37	60	SLV_Ex		3.03	-27.5	-169.43	1.225
37	37	61	SLV_Ex		5.62	-46.21	-173.39	2.536
38	38	780	SLU_ENV	Max	-0.98	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
38	38	779	SLU_ENV	Max	-0.49	0.	0.	0.
38	38	781	SLU_ENV	Max	3.33	0.	0.	0.
38	38	782	SLU_ENV	Max	1.33	0.	0.	0.
38	38	780	SLU_ENV	Min	-8.32	0.	0.	0.
38	38	779	SLU_ENV	Min	-6.44	0.	0.	0.
38	38	781	SLU_ENV	Min	-7.78	0.	0.	0.
38	38	782	SLU_ENV	Min	-8.16	0.	0.	0.
38	38	780	SLV_Ex		4.76	-36.58	-172.97	87.997
38	38	779	SLV_Ex		-9.86	-35.21	-169.51	-85.78
38	38	781	SLV_Ex		-6.18	-12.02	-164.3	-87.674
38	38	782	SLV_Ex		8.44	-12.61	-168.53	86.891
39	39	782	SLU_ENV	Max	-2.9	0.	0.	0.
39	39	781	SLU_ENV	Max	-0.45	0.	0.	0.
39	39	783	SLU_ENV	Max	-0.55	0.	0.	0.
39	39	784	SLU_ENV	Max	-2.26	0.	0.	0.
39	39	782	SLU_ENV	Min	-10.77	0.	0.	0.
39	39	781	SLU_ENV	Min	-4.27	0.	0.	0.
39	39	783	SLU_ENV	Min	-2.01	0.	0.	0.
39	39	784	SLU_ENV	Min	-9.25	0.	0.	0.
39	39	782	SLV_Ex		-13.12	-16.78	-192.5	-85.706
39	39	781	SLV_Ex		-3.5	-10.64	-156.41	-88.623
39	39	783	SLV_Ex		-2.29	12.52	-151.72	-89.202
39	39	784	SLV_Ex		-11.91	6.19	-187.61	-86.471
40	40	784	SLU_ENV	Max	-2.4	0.	0.	0.
40	40	783	SLU_ENV	Max	-1.1	0.	0.	0.
40	40	785	SLU_ENV	Max	-1.8	0.	0.	0.
40	40	786	SLU_ENV	Max	-3.08	0.	0.	0.
40	40	784	SLU_ENV	Min	-11.65	0.	0.	0.
40	40	783	SLU_ENV	Min	-2.59	0.	0.	0.
40	40	785	SLU_ENV	Min	-8.29	0.	0.	0.
40	40	786	SLU_ENV	Min	-17.35	0.	0.	0.
40	40	784	SLV_Ex		-19.31	15.57	-150.	-83.254
40	40	783	SLV_Ex		-12.23	13.37	-152.71	-85.765
40	40	785	SLV_Ex		-30.25	5.95	-159.96	-79.305
40	40	786	SLV_Ex		-37.34	9.77	-158.87	-76.859
41	41	786	SLU_ENV	Max	-0.81	0.	0.	0.
41	41	785	SLU_ENV	Max	-1.83	0.	0.	0.
41	41	787	SLU_ENV	Max	-0.66	0.	0.	0.
41	41	788	SLU_ENV	Max	2.74	0.	0.	0.
41	41	786	SLU_ENV	Min	-3.58	0.	0.	0.
41	41	785	SLU_ENV	Min	-10.11	0.	0.	0.
41	41	787	SLU_ENV	Min	-3.79	0.	0.	0.
41	41	788	SLU_ENV	Min	0.35	0.	0.	0.
41	41	786	SLV_Ex		-31.57	9.43	-147.94	-78.174
41	41	785	SLV_Ex		-33.98	12.74	-139.66	-76.76
41	41	787	SLV_Ex		-25.82	1.56	-138.24	-79.159
41	41	788	SLV_Ex		-23.41	-1.45	-146.84	-80.606
42	42	788	SLU_ENV	Max	-0.35	0.	0.	0.
42	42	787	SLU_ENV	Max	3.79	0.	0.	0.
42	42	789	SLU_ENV	Max	10.11	0.	0.	0.
42	42	790	SLU_ENV	Max	3.57	0.	0.	0.
42	42	788	SLU_ENV	Min	-2.74	0.	0.	0.
42	42	787	SLU_ENV	Min	0.66	0.	0.	0.
42	42	789	SLU_ENV	Min	1.82	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
42	42	790	SLU_ENV	Min	0.81	0.	0.	0.
42	42	788	SLV_Ex		-27.97	2.9	-136.88	-78.207
42	42	787	SLV_Ex		-23.63	3.69	-124.9	-79.217
42	42	789	SLV_Ex		-30.42	2.75	-128.65	-76.21
42	42	790	SLV_Ex		-34.75	2.17	-140.83	-75.461
43	43	790	SLU_ENV	Max	17.35	0.	0.	0.
43	43	789	SLU_ENV	Max	8.28	0.	0.	0.
43	43	791	SLU_ENV	Max	2.59	0.	0.	0.
43	43	792	SLU_ENV	Max	11.65	0.	0.	0.
43	43	790	SLU_ENV	Min	3.08	0.	0.	0.
43	43	789	SLU_ENV	Min	1.8	0.	0.	0.
43	43	791	SLU_ENV	Min	1.1	0.	0.	0.
43	43	792	SLU_ENV	Min	2.4	0.	0.	0.
43	43	790	SLV_Ex		-33.2	4.17	-129.64	-75.126
43	43	789	SLV_Ex		-30.96	8.39	-108.77	-74.047
43	43	791	SLV_Ex		-19.36	-6.23	-105.77	-78.554
43	43	792	SLV_Ex		-21.6	-10.18	-126.91	-79.138
44	44	792	SLU_ENV	Max	9.25	0.	0.	0.
44	44	791	SLU_ENV	Max	2.01	0.	0.	0.
44	44	793	SLU_ENV	Max	4.26	0.	0.	0.
44	44	794	SLU_ENV	Max	10.76	0.	0.	0.
44	44	792	SLU_ENV	Min	2.26	0.	0.	0.
44	44	791	SLU_ENV	Min	0.55	0.	0.	0.
44	44	793	SLU_ENV	Min	0.44	0.	0.	0.
44	44	794	SLU_ENV	Min	2.9	0.	0.	0.
44	44	792	SLV_Ex		-19.85	-3.47	-95.47	-77.22
44	44	791	SLV_Ex		-7.42	-8.1	-95.41	-85.109
44	44	793	SLV_Ex		-2.61	17.11	-89.68	-88.602
44	44	794	SLV_Ex		-15.04	19.95	-87.95	-81.908
45	45	794	SLU_ENV	Max	8.14	0.	0.	0.
45	45	793	SLU_ENV	Max	7.77	0.	0.	0.
45	45	795	SLU_ENV	Max	6.43	0.	0.	0.
45	45	796	SLU_ENV	Max	8.32	0.	0.	0.
45	45	794	SLU_ENV	Min	-1.34	0.	0.	0.
45	45	793	SLU_ENV	Min	-3.35	0.	0.	0.
45	45	795	SLU_ENV	Min	0.49	0.	0.	0.
45	45	796	SLU_ENV	Min	0.98	0.	0.	0.
45	45	794	SLV_Ex		-6.22	16.82	-92.88	-86.744
45	45	793	SLV_Ex		-7.66	18.12	-87.59	-85.833
45	45	795	SLV_Ex		12.33	68.49	-78.09	85.159
45	45	796	SLV_Ex		13.77	67.61	-83.81	84.762
46	46	61	SLU_ENV	Max	1.2	0.	0.	0.
46	46	60	SLU_ENV	Max	0.73	0.	0.	0.
46	46	87	SLU_ENV	Max	8.975E-02	0.	0.	0.
46	46	88	SLU_ENV	Max	0.33	0.	0.	0.
46	46	61	SLU_ENV	Min	-4.49	0.	0.	0.
46	46	60	SLU_ENV	Min	-5.53	0.	0.	0.
46	46	87	SLU_ENV	Min	-5.68	0.	0.	0.
46	46	88	SLU_ENV	Min	-4.41	0.	0.	0.
46	46	61	SLV_Ex		3.87	-47.6	-173.51	1.762
46	46	60	SLV_Ex		3.75	-28.26	-169.62	1.521
46	46	87	SLV_Ex		3.5	-28.13	-168.87	1.424
46	46	88	SLV_Ex		3.62	-47.47	-172.76	1.654
47	47	88	SLU_ENV	Max	-0.19	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
47	47	87	SLU_ENV	Max	-8.459E-02	0.	0.	0.
47	47	114	SLU_ENV	Max	-0.38	0.	0.	0.
47	47	141	SLU_ENV	Max	-0.49	0.	0.	0.
47	47	88	SLU_ENV	Min	-4.78	0.	0.	0.
47	47	87	SLU_ENV	Min	-4.91	0.	0.	0.
47	47	114	SLU_ENV	Min	-4.76	0.	0.	0.
47	47	141	SLU_ENV	Min	-4.63	0.	0.	0.
47	47	88	SLV_Ex		3.18	-47.83	-172.81	1.459
47	47	87	SLV_Ex		2.12	-28.38	-168.86	0.863
47	47	114	SLV_Ex		1.99	-28.51	-169.47	0.811
47	47	141	SLV_Ex		3.06	-47.96	-173.42	1.397
48	48	141	SLU_ENV	Max	-0.84	0.	0.	0.
48	48	114	SLU_ENV	Max	-0.65	0.	0.	0.
48	48	167	SLU_ENV	Max	-0.91	0.	0.	0.
48	48	168	SLU_ENV	Max	-1.1	0.	0.	0.
48	48	141	SLU_ENV	Min	-4.4	0.	0.	0.
48	48	114	SLU_ENV	Min	-4.68	0.	0.	0.
48	48	167	SLU_ENV	Min	-4.24	0.	0.	0.
48	48	168	SLU_ENV	Min	-3.97	0.	0.	0.
48	48	141	SLV_Ex		1.36	-47.35	-173.22	0.617
48	48	114	SLV_Ex		2.73	-28.46	-169.49	1.11
48	48	167	SLV_Ex		1.4	-28.43	-169.12	0.571
48	48	168	SLV_Ex		2.566E-02	-47.3	-172.88	0.012
49	49	168	SLU_ENV	Max	-1.6	0.	0.	0.
49	49	167	SLU_ENV	Max	-1.15	0.	0.	0.
49	49	194	SLU_ENV	Max	-1.41	0.	0.	0.
49	49	195	SLU_ENV	Max	-1.6	0.	0.	0.
49	49	168	SLU_ENV	Min	-4.48	0.	0.	0.
49	49	167	SLU_ENV	Min	-3.29	0.	0.	0.
49	49	194	SLU_ENV	Min	-4.4	0.	0.	0.
49	49	195	SLU_ENV	Min	-5.86	0.	0.	0.
49	49	168	SLV_Ex		-0.49	-46.79	-172.78	-0.225
49	49	167	SLV_Ex		-0.74	-26.21	-168.66	-0.3
49	49	194	SLV_Ex		0.48	-27.17	-173.48	0.186
49	49	195	SLV_Ex		0.73	-47.75	-177.6	0.32
50	50	195	SLU_ENV	Max	-1.78	0.	0.	0.
50	50	194	SLU_ENV	Max	-1.09	0.	0.	0.
50	50	221	SLU_ENV	Max	-1.04	0.	0.	0.
50	50	222	SLU_ENV	Max	-1.73	0.	0.	0.
50	50	195	SLU_ENV	Min	-7.99	0.	0.	0.
50	50	194	SLU_ENV	Min	-5.83	0.	0.	0.
50	50	221	SLU_ENV	Min	-6.91	0.	0.	0.
50	50	222	SLU_ENV	Min	-9.07	0.	0.	0.
50	50	195	SLV_Ex		-3.01	-40.2	-176.16	-1.269
50	50	194	SLV_Ex		3.97	-22.03	-172.57	1.51
50	50	221	SLV_Ex		1.14	-23.75	-180.59	0.415
50	50	222	SLV_Ex		-5.84	-41.65	-184.45	-2.345
51	51	222	SLU_ENV	Max	-2.55	0.	0.	0.
51	51	221	SLU_ENV	Max	-1.32	0.	0.	0.
51	51	248	SLU_ENV	Max	-2.41	0.	0.	0.
51	51	249	SLU_ENV	Max	-3.64	0.	0.	0.
51	51	222	SLU_ENV	Min	-12.39	0.	0.	0.
51	51	221	SLU_ENV	Min	-9.19	0.	0.	0.
51	51	248	SLU_ENV	Min	-14.47	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
51	51	249	SLU_ENV	Min	-17.67	0.	0.	0.
51	51	222	SLV_Ex		-6.72	-28.7	-181.92	-2.517
51	51	221	SLV_Ex		-0.78	-5.63	-176.96	-0.26
51	51	248	SLV_Ex		8.06	-10.65	-204.06	2.391
51	51	249	SLV_Ex		2.12	-34.33	-208.42	0.697
52	52	249	SLU_ENV	Max	-6.8	0.	0.	0.
52	52	248	SLU_ENV	Max	-2.62	0.	0.	0.
52	52	275	SLU_ENV	Max	-1.34	0.	0.	0.
52	52	276	SLU_ENV	Max	-5.52	0.	0.	0.
52	52	249	SLU_ENV	Min	-29.45	0.	0.	0.
52	52	248	SLU_ENV	Min	-16.63	0.	0.	0.
52	52	275	SLU_ENV	Min	-12.62	0.	0.	0.
52	52	276	SLU_ENV	Min	-25.44	0.	0.	0.
52	52	249	SLV_Ex		1.13	8.16	-199.9	0.312
52	52	248	SLV_Ex		26.76	1.65	-205.41	7.488
52	52	275	SLV_Ex		33.78	8.6	-185.89	10.162
52	52	276	SLV_Ex		8.15	12.91	-178.18	2.448
53	53	276	SLU_ENV	Max	-3.65	0.	0.	0.
53	53	275	SLU_ENV	Max	-0.47	0.	0.	0.
53	53	302	SLU_ENV	Max	0.91	0.	0.	0.
53	53	303	SLU_ENV	Max	-2.28	0.	0.	0.
53	53	276	SLU_ENV	Min	-19.9	0.	0.	0.
53	53	275	SLU_ENV	Min	-6.32	0.	0.	0.
53	53	302	SLU_ENV	Min	-2.28	0.	0.	0.
53	53	303	SLU_ENV	Min	-15.87	0.	0.	0.
53	53	276	SLV_Ex		45.68	26.68	-187.3	12.638
53	53	275	SLV_Ex		18.24	-7.37	-184.11	5.957
53	53	302	SLV_Ex		5.29	7.24	-101.19	2.801
53	53	303	SLV_Ex		32.73	40.55	-103.65	13.5
54	54	779	SLU_ENV	Max	-1.7	0.	0.	0.
54	54	806	SLU_ENV	Max	-0.87	0.	0.	0.
54	54	807	SLU_ENV	Max	7.82	0.	0.	0.
54	54	781	SLU_ENV	Max	5.1	0.	0.	0.
54	54	779	SLU_ENV	Min	-16.51	0.	0.	0.
54	54	806	SLU_ENV	Min	-12.14	0.	0.	0.
54	54	807	SLU_ENV	Min	-4.09	0.	0.	0.
54	54	781	SLU_ENV	Min	-6.56	0.	0.	0.
54	54	779	SLV_Ex		-12.66	-27.16	-168.4	-84.837
54	54	806	SLV_Ex		-8.85	-25.29	-155.78	-86.101
54	54	807	SLV_Ex		-0.87	-16.6	-153.33	-89.634
54	54	781	SLV_Ex		-4.68	-18.87	-165.55	-88.171
55	55	781	SLU_ENV	Max	1.32	0.	0.	0.
55	55	807	SLU_ENV	Max	0.86	0.	0.	0.
55	55	808	SLU_ENV	Max	-1.31	0.	0.	0.
55	55	783	SLU_ENV	Max	-1.21	0.	0.	0.
55	55	781	SLU_ENV	Min	-3.05	0.	0.	0.
55	55	807	SLU_ENV	Min	-3.56	0.	0.	0.
55	55	808	SLU_ENV	Min	-4.39	0.	0.	0.
55	55	783	SLU_ENV	Min	-3.52	0.	0.	0.
55	55	781	SLV_Ex		-2.01	-17.45	-157.71	-89.18
55	55	807	SLV_Ex		-8.19	-15.4	-150.3	-86.512
55	55	808	SLV_Ex		-16.5	-4.92	-149.89	-83.421
55	55	783	SLV_Ex		-10.31	-7.68	-156.58	-86.018
56	56	783	SLU_ENV	Max	-1.35	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
56	56	808	SLU_ENV	Max	-1.14	0.	0.	0.
56	56	809	SLU_ENV	Max	-7.930E-02	0.	0.	0.
56	56	785	SLU_ENV	Max	-0.8	0.	0.	0.
56	56	783	SLU_ENV	Min	-4.52	0.	0.	0.
56	56	808	SLU_ENV	Min	-3.51	0.	0.	0.
56	56	809	SLU_ENV	Min	-1.7	0.	0.	0.
56	56	785	SLU_ENV	Min	-2.2	0.	0.	0.
56	56	783	SLV_Ex		-20.26	-5.69	-158.71	-82.322
56	56	808	SLV_Ex		-16.36	-2.5	-138.36	-83.033
56	56	809	SLV_Ex		-13.58	0.81	-136.92	-84.315
56	56	785	SLV_Ex		-17.48	-2.46	-157.19	-83.471
57	57	785	SLU_ENV	Max	-0.9	0.	0.	0.
57	57	809	SLU_ENV	Max	0.47	0.	0.	0.
57	57	810	SLU_ENV	Max	0.42	0.	0.	0.
57	57	787	SLU_ENV	Max	-0.66	0.	0.	0.
57	57	785	SLU_ENV	Min	-3.95	0.	0.	0.
57	57	809	SLU_ENV	Min	-0.49	0.	0.	0.
57	57	810	SLU_ENV	Min	-4.432E-02	0.	0.	0.
57	57	787	SLU_ENV	Min	-3.8	0.	0.	0.
57	57	785	SLV_Ex		-21.2	3.36	-135.91	-81.136
57	57	809	SLV_Ex		-16.56	3.3	-129.01	-82.753
57	57	810	SLV_Ex		-24.98	1.62	-132.61	-79.076
57	57	787	SLV_Ex		-29.62	2.13	-139.96	-77.678
58	58	787	SLU_ENV	Max	3.79	0.	0.	0.
58	58	810	SLU_ENV	Max	4.395E-02	0.	0.	0.
58	58	811	SLU_ENV	Max	0.49	0.	0.	0.
58	58	789	SLU_ENV	Max	3.95	0.	0.	0.
58	58	787	SLU_ENV	Min	0.66	0.	0.	0.
58	58	810	SLU_ENV	Min	-0.42	0.	0.	0.
58	58	811	SLU_ENV	Min	-0.47	0.	0.	0.
58	58	789	SLU_ENV	Min	0.9	0.	0.	0.
58	58	787	SLV_Ex		-27.43	4.26	-126.62	-77.608
58	58	810	SLV_Ex		-25.88	6.35	-114.87	-77.361
58	58	811	SLV_Ex		-18.61	-0.45	-113.06	-80.35
58	58	789	SLV_Ex		-20.16	-2.5	-124.84	-80.377
59	59	789	SLU_ENV	Max	2.2	0.	0.	0.
59	59	811	SLU_ENV	Max	1.7	0.	0.	0.
59	59	812	SLU_ENV	Max	3.51	0.	0.	0.
59	59	791	SLU_ENV	Max	4.51	0.	0.	0.
59	59	789	SLU_ENV	Min	0.8	0.	0.	0.
59	59	811	SLU_ENV	Min	7.992E-02	0.	0.	0.
59	59	812	SLU_ENV	Min	1.14	0.	0.	0.
59	59	791	SLU_ENV	Min	1.35	0.	0.	0.
59	59	789	SLV_Ex		-20.71	2.51	-104.33	-78.598
59	59	811	SLV_Ex		-13.66	0.42	-100.96	-82.184
59	59	812	SLV_Ex		-13.22	7.91	-99.2	-82.856
59	59	791	SLV_Ex		-20.26	9.82	-102.4	-79.415
60	60	791	SLU_ENV	Max	3.52	0.	0.	0.
60	60	812	SLU_ENV	Max	4.39	0.	0.	0.
60	60	813	SLU_ENV	Max	3.56	0.	0.	0.
60	60	793	SLU_ENV	Max	3.05	0.	0.	0.
60	60	791	SLU_ENV	Min	1.21	0.	0.	0.
60	60	812	SLU_ENV	Min	1.31	0.	0.	0.
60	60	813	SLU_ENV	Min	-0.86	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
60	60	793	SLU_ENV	Min	-1.32	0.	0.	0.
60	60	791	SLV_Ex		-8.32	8.15	-92.23	-85.23
60	60	812	SLV_Ex		-12.25	9.95	-88.35	-82.784
60	60	813	SLV_Ex		-7.3	26.86	-83.69	-86.207
60	60	793	SLV_Ex		-3.37	25.53	-88.04	-88.301
61	61	793	SLU_ENV	Max	6.56	0.	0.	0.
61	61	813	SLU_ENV	Max	4.09	0.	0.	0.
61	61	814	SLU_ENV	Max	12.15	0.	0.	0.
61	61	795	SLU_ENV	Max	16.5	0.	0.	0.
61	61	793	SLU_ENV	Min	-5.1	0.	0.	0.
61	61	813	SLU_ENV	Min	-7.81	0.	0.	0.
61	61	814	SLU_ENV	Min	0.87	0.	0.	0.
61	61	795	SLU_ENV	Min	1.7	0.	0.	0.
61	61	793	SLV_Ex		-8.42	26.58	-85.98	-85.697
61	61	813	SLV_Ex		-4.04	27.46	-78.71	-87.817
61	61	814	SLV_Ex		5.09	61.75	-71.9	87.818
61	61	795	SLV_Ex		0.7	60.2	-78.5	89.709
62	62	581	SLU_ENV	Max	1.31	0.	0.	0.
62	62	580	SLU_ENV	Max	1.25	0.	0.	0.
62	62	562	SLU_ENV	Max	7.06	0.	0.	0.
62	62	563	SLU_ENV	Max	7.12	0.	0.	0.
62	62	581	SLU_ENV	Min	0.31	0.	0.	0.
62	62	580	SLU_ENV	Min	4.506E-02	0.	0.	0.
62	62	562	SLU_ENV	Min	1.1	0.	0.	0.
62	62	563	SLU_ENV	Min	1.37	0.	0.	0.
62	62	581	SLV_Ex		-12.95	0.16	-139.32	-5.35
62	62	580	SLV_Ex		-16.5	4.69	-139.25	-6.628
62	62	562	SLV_Ex		-16.04	1.22	-155.1	-5.921
62	62	563	SLV_Ex		-12.48	-3.24	-155.24	-4.727
63	63	563	SLU_ENV	Max	16.21	0.	0.	0.
63	63	562	SLU_ENV	Max	6.17	0.	0.	0.
63	63	544	SLU_ENV	Max	3.4	0.	0.	0.
63	63	545	SLU_ENV	Max	13.41	0.	0.	0.
63	63	563	SLU_ENV	Min	3.65	0.	0.	0.
63	63	562	SLU_ENV	Min	1.11	0.	0.	0.
63	63	544	SLU_ENV	Min	1.06	0.	0.	0.
63	63	545	SLU_ENV	Min	3.64	0.	0.	0.
63	63	563	SLV_Ex		-27.11	13.4	-156.01	-9.332
63	63	562	SLV_Ex		-19.91	0.35	-156.37	-7.361
63	63	544	SLV_Ex		-23.33	-0.83	-166.89	-8.161
63	63	545	SLV_Ex		-30.53	12.36	-166.68	-9.97
64	64	545	SLU_ENV	Max	9.88	0.	0.	0.
64	64	544	SLU_ENV	Max	5.78	0.	0.	0.
64	64	117	SLU_ENV	Max	7.31	0.	0.	0.
64	64	118	SLU_ENV	Max	11.41	0.	0.	0.
64	64	545	SLU_ENV	Min	3.62	0.	0.	0.
64	64	544	SLU_ENV	Min	1.71	0.	0.	0.
64	64	117	SLU_ENV	Min	2.3	0.	0.	0.
64	64	118	SLU_ENV	Min	4.21	0.	0.	0.
64	64	545	SLV_Ex		-13.06	3.98	-163.15	-4.496
64	64	544	SLV_Ex		-24.83	-0.78	-167.41	-8.669
64	64	117	SLV_Ex		-17.5	-2.92	-166.74	-6.169
64	64	118	SLV_Ex		-5.74	2.91	-163.54	-1.976
65	65	118	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
65	65	117	SLU_ENV	Max	4.85	0.	0.	0.
65	65	4	SLU_ENV	Max	2.06	0.	0.	0.
65	65	5	SLU_ENV	Max	5.52	0.	0.	0.
65	65	118	SLU_ENV	Min	1.81	0.	0.	0.
65	65	117	SLU_ENV	Min	-0.65	0.	0.	0.
65	65	4	SLU_ENV	Min	-4.09	0.	0.	0.
65	65	5	SLU_ENV	Min	-1.64	0.	0.	0.
65	65	118	SLV_Ex		-6.1	-15.2	-167.22	-2.301
65	65	117	SLV_Ex		-4.94	-5.87	-165.25	-1.776
65	65	4	SLV_Ex		0.56	-3.96	-154.79	0.214
65	65	5	SLV_Ex		-0.6	-13.38	-156.67	-0.239
66	66	5	SLU_ENV	Max	3.41	0.	0.	0.
66	66	4	SLU_ENV	Max	2.55	0.	0.	0.
66	66	32	SLU_ENV	Max	2.08	0.	0.	0.
66	66	33	SLU_ENV	Max	2.94	0.	0.	0.
66	66	5	SLU_ENV	Min	-4.1	0.	0.	0.
66	66	4	SLU_ENV	Min	-4.08	0.	0.	0.
66	66	32	SLU_ENV	Min	-4.51	0.	0.	0.
66	66	33	SLU_ENV	Min	-4.54	0.	0.	0.
66	66	5	SLV_Ex		3.61	-21.78	-158.47	1.515
66	66	4	SLV_Ex		0.71	-5.73	-155.14	0.272
66	66	32	SLV_Ex		1.79	-5.43	-153.74	0.693
66	66	33	SLV_Ex		4.7	-21.43	-157.11	1.984
67	67	33	SLU_ENV	Max	2.15	0.	0.	0.
67	67	32	SLU_ENV	Max	1.07	0.	0.	0.
67	67	59	SLU_ENV	Max	0.29	0.	0.	0.
67	67	60	SLU_ENV	Max	1.23	0.	0.	0.
67	67	33	SLU_ENV	Min	-4.8	0.	0.	0.
67	67	32	SLU_ENV	Min	-5.27	0.	0.	0.
67	67	59	SLU_ENV	Min	-5.72	0.	0.	0.
67	67	60	SLU_ENV	Min	-5.11	0.	0.	0.
67	67	33	SLV_Ex		3.05	-25.16	-157.75	1.319
67	67	32	SLV_Ex		4.08	-6.67	-154.1	1.586
67	67	59	SLV_Ex		4.32	-6.26	-152.12	1.697
67	67	60	SLV_Ex		3.29	-24.75	-155.76	1.439
68	68	60	SLU_ENV	Max	0.25	0.	0.	0.
68	68	59	SLU_ENV	Max	0.24	0.	0.	0.
68	68	86	SLU_ENV	Max	5.642E-02	0.	0.	0.
68	68	87	SLU_ENV	Max	6.877E-02	0.	0.	0.
68	68	60	SLU_ENV	Min	-5.29	0.	0.	0.
68	68	59	SLU_ENV	Min	-4.58	0.	0.	0.
68	68	86	SLU_ENV	Min	-4.14	0.	0.	0.
68	68	87	SLU_ENV	Min	-4.86	0.	0.	0.
68	68	60	SLV_Ex		4.01	-25.5	-155.96	1.761
68	68	59	SLV_Ex		2.9	-7.02	-152.19	1.144
68	68	86	SLV_Ex		2.51	-7.18	-152.88	0.987
68	68	87	SLV_Ex		3.62	-25.67	-156.65	1.583
69	69	87	SLU_ENV	Max	-0.11	0.	0.	0.
69	69	86	SLU_ENV	Max	-0.12	0.	0.	0.
69	69	113	SLU_ENV	Max	-0.27	0.	0.	0.
69	69	114	SLU_ENV	Max	-0.25	0.	0.	0.
69	69	87	SLU_ENV	Min	-4.09	0.	0.	0.
69	69	86	SLU_ENV	Min	-3.96	0.	0.	0.
69	69	113	SLU_ENV	Min	-3.26	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
69	69	114	SLU_ENV	Min	-3.39	0.	0.	0.
69	69	87	SLV_Ex		2.24	-25.92	-156.63	0.981
69	69	86	SLV_Ex		3.34	-7.33	-152.95	1.315
69	69	113	SLV_Ex		2.82	-7.2	-152.18	1.114
69	69	114	SLV_Ex		1.72	-25.79	-155.86	0.756
70	70	806	SLU_ENV	Max	-1.23	0.	0.	0.
70	70	821	SLU_ENV	Max	-0.99	0.	0.	0.
70	70	822	SLU_ENV	Max	8.77	0.	0.	0.
70	70	807	SLU_ENV	Max	8.15	0.	0.	0.
70	70	806	SLU_ENV	Min	-15.72	0.	0.	0.
70	70	821	SLU_ENV	Min	-14.91	0.	0.	0.
70	70	822	SLU_ENV	Min	-3.45	0.	0.	0.
70	70	807	SLU_ENV	Min	-3.87	0.	0.	0.
70	70	806	SLV_Ex		-6.75	-25.31	-155.48	-87.025
70	70	821	SLV_Ex		-11.24	-24.16	-153.56	-84.998
70	70	822	SLV_Ex		-9.49	-21.73	-152.73	-85.835
70	70	807	SLV_Ex		-4.99	-22.75	-154.78	-87.83
71	71	807	SLU_ENV	Max	1.19	0.	0.	0.
71	71	822	SLU_ENV	Max	1.57	0.	0.	0.
71	71	823	SLU_ENV	Max	-0.18	0.	0.	0.
71	71	808	SLU_ENV	Max	-0.56	0.	0.	0.
71	71	807	SLU_ENV	Min	-3.35	0.	0.	0.
71	71	822	SLU_ENV	Min	-2.74	0.	0.	0.
71	71	823	SLU_ENV	Min	-1.8	0.	0.	0.
71	71	808	SLU_ENV	Min	-2.4	0.	0.	0.
71	71	807	SLV_Ex		-12.31	-21.06	-152.23	-84.589
71	71	822	SLV_Ex		-9.55	-19.6	-142.41	-85.528
71	71	823	SLV_Ex		-8.3	-11.92	-140.63	-86.293
71	71	808	SLV_Ex		-11.07	-13.43	-150.39	-85.348
72	72	808	SLU_ENV	Max	6.161E-02	0.	0.	0.
72	72	823	SLU_ENV	Max	0.78	0.	0.	0.
72	72	824	SLU_ENV	Max	0.56	0.	0.	0.
72	72	809	SLU_ENV	Max	-0.15	0.	0.	0.
72	72	808	SLU_ENV	Min	-1.98	0.	0.	0.
72	72	823	SLU_ENV	Min	-1.35	0.	0.	0.
72	72	824	SLU_ENV	Min	-1.25	0.	0.	0.
72	72	809	SLU_ENV	Min	-1.88	0.	0.	0.
72	72	808	SLV_Ex		-10.93	-11.07	-138.81	-85.074
72	72	823	SLV_Ex		-10.53	-10.07	-133.62	-85.09
72	72	824	SLV_Ex		-16.06	-5.6	-134.09	-82.763
72	72	809	SLV_Ex		-16.45	-6.6	-139.27	-82.821
73	73	809	SLU_ENV	Max	0.4	0.	0.	0.
73	73	824	SLU_ENV	Max	-3.584E-02	0.	0.	0.
73	73	825	SLU_ENV	Max	-7.508E-02	0.	0.	0.
73	73	810	SLU_ENV	Max	0.42	0.	0.	0.
73	73	809	SLU_ENV	Min	-0.66	0.	0.	0.
73	73	824	SLU_ENV	Min	-1.04	0.	0.	0.
73	73	825	SLU_ENV	Min	-0.36	0.	0.	0.
73	73	810	SLU_ENV	Min	-4.426E-02	0.	0.	0.
73	73	809	SLV_Ex		-19.43	-3.9	-131.56	-81.137
73	73	824	SLV_Ex		-16.25	-2.57	-120.44	-81.995
73	73	825	SLV_Ex		-12.12	-1.49	-118.99	-84.048
73	73	810	SLV_Ex		-15.3	-2.96	-129.98	-83.031
74	74	810	SLU_ENV	Max	4.401E-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
74	74	825	SLU_ENV	Max	0.36	0.	0.	0.
74	74	826	SLU_ENV	Max	1.04	0.	0.	0.
74	74	811	SLU_ENV	Max	0.66	0.	0.	0.
74	74	810	SLU_ENV	Min	-0.42	0.	0.	0.
74	74	825	SLU_ENV	Min	7.582E-02	0.	0.	0.
74	74	826	SLU_ENV	Min	3.592E-02	0.	0.	0.
74	74	811	SLU_ENV	Min	-0.4	0.	0.	0.
74	74	810	SLV_Ex		-16.2	1.28	-111.76	-81.672
74	74	825	SLV_Ex		-11.27	0.36	-109.19	-84.065
74	74	826	SLV_Ex		-14.18	5.01	-109.01	-82.8
74	74	811	SLV_Ex		-19.11	6.13	-111.77	-80.541
75	75	811	SLU_ENV	Max	1.87	0.	0.	0.
75	75	826	SLU_ENV	Max	1.25	0.	0.	0.
75	75	827	SLU_ENV	Max	1.35	0.	0.	0.
75	75	812	SLU_ENV	Max	1.97	0.	0.	0.
75	75	811	SLU_ENV	Min	0.15	0.	0.	0.
75	75	826	SLU_ENV	Min	-0.56	0.	0.	0.
75	75	827	SLU_ENV	Min	-0.78	0.	0.	0.
75	75	812	SLU_ENV	Min	-6.085E-02	0.	0.	0.
75	75	811	SLV_Ex		-14.16	7.02	-99.69	-82.304
75	75	826	SLV_Ex		-13.74	7.67	-96.08	-82.322
75	75	827	SLV_Ex		-8.3	14.55	-93.26	-85.569
75	75	812	SLV_Ex		-8.73	13.89	-96.85	-85.466
76	76	812	SLU_ENV	Max	2.4	0.	0.	0.
76	76	827	SLU_ENV	Max	1.8	0.	0.	0.
76	76	828	SLU_ENV	Max	2.74	0.	0.	0.
76	76	813	SLU_ENV	Max	3.34	0.	0.	0.
76	76	812	SLU_ENV	Min	0.56	0.	0.	0.
76	76	827	SLU_ENV	Min	0.18	0.	0.	0.
76	76	828	SLU_ENV	Min	-1.57	0.	0.	0.
76	76	813	SLU_ENV	Min	-1.19	0.	0.	0.
76	76	812	SLV_Ex		-7.76	15.94	-86.01	-85.622
76	76	827	SLV_Ex		-4.62	15.54	-85.7	-87.382
76	76	828	SLV_Ex		-4.29	33.17	-82.12	-87.867
76	76	813	SLV_Ex		-7.43	33.5	-82.36	-86.316
77	77	813	SLU_ENV	Max	3.87	0.	0.	0.
77	77	828	SLU_ENV	Max	3.45	0.	0.	0.
77	77	829	SLU_ENV	Max	14.91	0.	0.	0.
77	77	814	SLU_ENV	Max	15.72	0.	0.	0.
77	77	813	SLU_ENV	Min	-8.15	0.	0.	0.
77	77	828	SLU_ENV	Min	-8.77	0.	0.	0.
77	77	829	SLU_ENV	Min	0.99	0.	0.	0.
77	77	814	SLU_ENV	Min	1.23	0.	0.	0.
77	77	813	SLV_Ex		-4.17	34.11	-77.38	-87.855
77	77	828	SLV_Ex		-5.06	34.49	-75.91	-87.372
77	77	829	SLV_Ex		0.5	58.62	-70.81	89.779
77	77	814	SLV_Ex		1.39	58.33	-72.37	89.392
78	78	114	SLU_ENV	Max	-0.53	0.	0.	0.
78	78	113	SLU_ENV	Max	-0.28	0.	0.	0.
78	78	166	SLU_ENV	Max	1.421E-02	0.	0.	0.
78	78	167	SLU_ENV	Max	-0.77	0.	0.	0.
78	78	114	SLU_ENV	Min	-3.31	0.	0.	0.
78	78	113	SLU_ENV	Min	-1.6	0.	0.	0.
78	78	166	SLU_ENV	Min	-1.53	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
78	78	167	SLU_ENV	Min	-2.71	0.	0.	0.
78	78	114	SLV_Ex		2.45	-25.74	-155.88	1.08
78	78	113	SLV_Ex		1.11	-6.99	-152.08	0.438
78	78	166	SLV_Ex		1.16	-7.32	-153.73	0.455
78	78	167	SLV_Ex		2.51	-26.07	-157.53	1.092
79	79	167	SLU_ENV	Max	-0.18	0.	0.	0.
79	79	166	SLU_ENV	Max	0.99	0.	0.	0.
79	79	193	SLU_ENV	Max	1.92	0.	0.	0.
79	79	194	SLU_ENV	Max	0.76	0.	0.	0.
79	79	167	SLU_ENV	Min	-2.57	0.	0.	0.
79	79	166	SLU_ENV	Min	-2.3	0.	0.	0.
79	79	193	SLU_ENV	Min	-2.21	0.	0.	0.
79	79	194	SLU_ENV	Min	-2.48	0.	0.	0.
79	79	167	SLV_Ex		0.36	-23.88	-157.03	0.155
79	79	166	SLV_Ex		3.28	-6.55	-153.65	1.277
79	79	193	SLV_Ex		3.25	-6.56	-153.66	1.266
79	79	194	SLV_Ex		0.33	-23.88	-157.04	0.143
80	80	194	SLU_ENV	Max	1.07	0.	0.	0.
80	80	193	SLU_ENV	Max	3.19	0.	0.	0.
80	80	220	SLU_ENV	Max	3.22	0.	0.	0.
80	80	221	SLU_ENV	Max	1.11	0.	0.	0.
80	80	194	SLU_ENV	Min	-3.9	0.	0.	0.
80	80	193	SLU_ENV	Min	-1.17	0.	0.	0.
80	80	220	SLU_ENV	Min	-3.62	0.	0.	0.
80	80	221	SLU_ENV	Min	-6.35	0.	0.	0.
80	80	194	SLV_Ex		3.82	-18.74	-156.14	1.594
80	80	193	SLV_Ex		1.2	-5.32	-153.34	0.466
80	80	220	SLV_Ex		5.9	-6.91	-162.57	2.174
80	80	221	SLV_Ex		8.52	-20.15	-165.55	3.365
81	81	221	SLU_ENV	Max	0.83	0.	0.	0.
81	81	220	SLU_ENV	Max	3.3	0.	0.	0.
81	81	247	SLU_ENV	Max	3.88	0.	0.	0.
81	81	248	SLU_ENV	Max	1.4	0.	0.	0.
81	81	221	SLU_ENV	Min	-8.64	0.	0.	0.
81	81	220	SLU_ENV	Min	-5.4	0.	0.	0.
81	81	247	SLU_ENV	Min	-4.43	0.	0.	0.
81	81	248	SLU_ENV	Min	-7.67	0.	0.	0.
81	81	221	SLV_Ex		6.6	-2.25	-161.7	2.376
81	81	220	SLV_Ex		18.21	-3.57	-164.14	6.554
81	81	247	SLV_Ex		24.76	-2.58	-169.2	8.643
81	81	248	SLV_Ex		13.15	-2.14	-165.87	4.622
82	82	248	SLU_ENV	Max	1.19	0.	0.	0.
82	82	247	SLU_ENV	Max	4.27	0.	0.	0.
82	82	274	SLU_ENV	Max	3.59	0.	0.	0.
82	82	275	SLU_ENV	Max	0.52	0.	0.	0.
82	82	248	SLU_ENV	Min	-9.82	0.	0.	0.
82	82	247	SLU_ENV	Min	-2.62	0.	0.	0.
82	82	274	SLU_ENV	Min	-3.35	0.	0.	0.
82	82	275	SLU_ENV	Min	-10.55	0.	0.	0.
82	82	248	SLV_Ex		31.84	11.72	-168.79	10.33
82	82	247	SLV_Ex		24.99	-1.2	-168.98	8.665
82	82	274	SLV_Ex		23.28	2.197E-02	-160.72	8.419
82	82	275	SLV_Ex		30.14	12.9	-160.49	10.171
83	83	275	SLU_ENV	Max	1.39	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	274	SLU_ENV	Max	1.68	0.	0.	0.
83	83	301	SLU_ENV	Max	1.73	0.	0.	0.
83	83	302	SLU_ENV	Max	1.44	0.	0.	0.
83	83	275	SLU_ENV	Min	-4.24	0.	0.	0.
83	83	274	SLU_ENV	Min	-3.76	0.	0.	0.
83	83	301	SLU_ENV	Min	-0.87	0.	0.	0.
83	83	302	SLU_ENV	Min	-1.35	0.	0.	0.
83	83	275	SLV_Ex		14.6	-2.94	-158.83	5.4
83	83	274	SLV_Ex		19.15	1.48	-159.07	6.899
83	83	301	SLV_Ex		19.07	5.2	-141.66	7.528
83	83	302	SLV_Ex		14.53	0.71	-141.34	5.904
84	84	580	SLU_ENV	Max	4.05	0.	0.	0.
84	84	579	SLU_ENV	Max	2.44	0.	0.	0.
84	84	561	SLU_ENV	Max	-1.17	0.	0.	0.
84	84	562	SLU_ENV	Max	-0.84	0.	0.	0.
84	84	580	SLU_ENV	Min	-6.857E-02	0.	0.	0.
84	84	579	SLU_ENV	Min	-0.4	0.	0.	0.
84	84	561	SLU_ENV	Min	-4.14	0.	0.	0.
84	84	562	SLU_ENV	Min	-2.54	0.	0.	0.
84	84	580	SLV_Ex		-14.8	-0.72	-163.	-5.256
84	84	579	SLV_Ex		-11.77	-0.22	-162.3	-4.177
84	84	561	SLV_Ex		-15.04	4.14	-144.55	-5.835
84	84	562	SLV_Ex		-18.07	3.82	-145.43	-7.005
85	85	562	SLU_ENV	Max	-0.84	0.	0.	0.
85	85	561	SLU_ENV	Max	-1.97	0.	0.	0.
85	85	543	SLU_ENV	Max	8.197E-02	0.	0.	0.
85	85	544	SLU_ENV	Max	0.95	0.	0.	0.
85	85	562	SLU_ENV	Min	-3.43	0.	0.	0.
85	85	561	SLU_ENV	Min	-4.3	0.	0.	0.
85	85	543	SLU_ENV	Min	-1.29	0.	0.	0.
85	85	544	SLU_ENV	Min	-0.15	0.	0.	0.
85	85	562	SLV_Ex		-21.94	3.1	-146.85	-8.507
85	85	561	SLV_Ex		-27.81	-3.45	-150.77	-11.093
85	85	543	SLV_Ex		-28.89	-0.4	-140.27	-12.2
85	85	544	SLV_Ex		-23.02	5.91	-136.11	-9.456
86	86	821	SLU_ENV	Max	-0.87	0.	0.	0.
86	86	836	SLU_ENV	Max	-0.6	0.	0.	0.
86	86	837	SLU_ENV	Max	9.53	0.	0.	0.
86	86	822	SLU_ENV	Max	9.24	0.	0.	0.
86	86	821	SLU_ENV	Min	-14.53	0.	0.	0.
86	86	836	SLU_ENV	Min	-13.74	0.	0.	0.
86	86	837	SLU_ENV	Min	-1.97	0.	0.	0.
86	86	822	SLU_ENV	Min	-2.74	0.	0.	0.
86	86	821	SLV_Ex		-8.96	-30.	-154.33	-85.855
86	86	836	SLV_Ex		-7.26	-29.63	-151.23	-86.571
86	86	837	SLV_Ex		-5.52	-22.9	-149.65	-87.502
86	86	822	SLV_Ex		-7.22	-23.31	-152.7	-86.795
87	87	822	SLU_ENV	Max	2.04	0.	0.	0.
87	87	837	SLU_ENV	Max	2.24	0.	0.	0.
87	87	838	SLU_ENV	Max	-0.2	0.	0.	0.
87	87	823	SLU_ENV	Max	-0.4	0.	0.	0.
87	87	822	SLU_ENV	Min	-2.03	0.	0.	0.
87	87	837	SLU_ENV	Min	-1.67	0.	0.	0.
87	87	838	SLU_ENV	Min	-1.46	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
87	87	823	SLU_ENV	Min	-1.82	0.	0.	0.
87	87	822	SLV_Ex		-7.28	-21.21	-142.37	-86.549
87	87	837	SLV_Ex		-7.31	-20.92	-140.97	-86.501
87	87	838	SLV_Ex		-10.43	-15.93	-140.5	-85.181
87	87	823	SLV_Ex		-10.39	-16.22	-141.88	-85.239
88	88	823	SLU_ENV	Max	0.56	0.	0.	0.
88	88	838	SLU_ENV	Max	0.52	0.	0.	0.
88	88	839	SLU_ENV	Max	0.88	0.	0.	0.
88	88	824	SLU_ENV	Max	0.92	0.	0.	0.
88	88	823	SLU_ENV	Min	-1.38	0.	0.	0.
88	88	838	SLU_ENV	Min	-1.2	0.	0.	0.
88	88	839	SLU_ENV	Min	-0.65	0.	0.	0.
88	88	824	SLU_ENV	Min	-0.84	0.	0.	0.
88	88	823	SLV_Ex		-12.62	-14.28	-134.98	-83.963
88	88	838	SLV_Ex		-10.07	-13.49	-128.38	-84.952
88	88	839	SLV_Ex		-7.22	-8.66	-126.88	-86.49
88	88	824	SLV_Ex		-9.78	-9.55	-133.36	-85.456
89	89	824	SLU_ENV	Max	0.32	0.	0.	0.
89	89	839	SLU_ENV	Max	0.63	0.	0.	0.
89	89	840	SLU_ENV	Max	0.24	0.	0.	0.
89	89	825	SLU_ENV	Max	-7.520E-02	0.	0.	0.
89	89	824	SLU_ENV	Min	-0.62	0.	0.	0.
89	89	839	SLU_ENV	Min	-0.34	0.	0.	0.
89	89	840	SLU_ENV	Min	-7.492E-02	0.	0.	0.
89	89	825	SLU_ENV	Min	-0.36	0.	0.	0.
89	89	824	SLV_Ex		-9.97	-6.66	-119.58	-84.912
89	89	839	SLV_Ex		-7.48	-6.79	-117.92	-86.133
89	89	840	SLV_Ex		-10.78	-1.37	-117.44	-84.646
89	89	825	SLV_Ex		-13.28	-1.12	-119.22	-83.501
90	90	825	SLU_ENV	Max	0.36	0.	0.	0.
90	90	840	SLU_ENV	Max	7.394E-02	0.	0.	0.
90	90	841	SLU_ENV	Max	0.34	0.	0.	0.
90	90	826	SLU_ENV	Max	0.62	0.	0.	0.
90	90	825	SLU_ENV	Min	7.570E-02	0.	0.	0.
90	90	840	SLU_ENV	Min	-0.24	0.	0.	0.
90	90	841	SLU_ENV	Min	-0.63	0.	0.	0.
90	90	826	SLU_ENV	Min	-0.32	0.	0.	0.
90	90	825	SLV_Ex		-12.43	0.73	-109.42	-83.478
90	90	840	SLV_Ex		-10.53	1.21	-104.83	-84.27
90	90	841	SLV_Ex		-6.47	7.14	-102.83	-86.619
90	90	826	SLV_Ex		-8.37	6.53	-107.29	-85.772
91	91	826	SLU_ENV	Max	0.83	0.	0.	0.
91	91	841	SLU_ENV	Max	0.65	0.	0.	0.
91	91	842	SLU_ENV	Max	1.2	0.	0.	0.
91	91	827	SLU_ENV	Max	1.38	0.	0.	0.
91	91	826	SLU_ENV	Min	-0.92	0.	0.	0.
91	91	841	SLU_ENV	Min	-0.88	0.	0.	0.
91	91	842	SLU_ENV	Min	-0.52	0.	0.	0.
91	91	827	SLU_ENV	Min	-0.56	0.	0.	0.
91	91	826	SLV_Ex		-7.93	9.12	-94.3	-85.59
91	91	841	SLV_Ex		-5.13	8.59	-94.8	-87.151
91	91	842	SLV_Ex		-6.3	19.87	-92.66	-86.785
91	91	827	SLV_Ex		-9.1	20.43	-92.2	-85.352
92	92	827	SLU_ENV	Max	1.82	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	842	SLU_ENV	Max	1.45	0.	0.	0.
92	92	843	SLU_ENV	Max	1.66	0.	0.	0.
92	92	828	SLU_ENV	Max	2.03	0.	0.	0.
92	92	827	SLU_ENV	Min	0.4	0.	0.	0.
92	92	842	SLU_ENV	Min	0.2	0.	0.	0.
92	92	843	SLU_ENV	Min	-2.24	0.	0.	0.
92	92	828	SLU_ENV	Min	-2.04	0.	0.	0.
92	92	827	SLV_Ex		-5.41	21.39	-84.61	-87.07
92	92	842	SLV_Ex		-5.8	21.58	-83.91	-86.843
92	92	843	SLV_Ex		-2.84	35.96	-80.73	-88.606
92	92	828	SLV_Ex		-2.45	35.79	-81.46	-88.803
93	93	828	SLU_ENV	Max	2.74	0.	0.	0.
93	93	843	SLU_ENV	Max	1.97	0.	0.	0.
93	93	844	SLU_ENV	Max	13.74	0.	0.	0.
93	93	829	SLU_ENV	Max	14.54	0.	0.	0.
93	93	828	SLU_ENV	Min	-9.24	0.	0.	0.
93	93	843	SLU_ENV	Min	-9.53	0.	0.	0.
93	93	844	SLU_ENV	Min	0.6	0.	0.	0.
93	93	829	SLU_ENV	Min	0.87	0.	0.	0.
93	93	828	SLV_Ex		-3.22	37.08	-75.23	-88.357
93	93	843	SLV_Ex		-1.59	36.94	-75.52	-89.188
93	93	844	SLV_Ex		-0.48	58.82	-71.12	-89.787
93	93	829	SLV_Ex		-2.11	58.92	-70.79	-89.068
94	94	544	SLU_ENV	Max	3.37	0.	0.	0.
94	94	543	SLU_ENV	Max	-1.88	0.	0.	0.
94	94	116	SLU_ENV	Max	-2.23	0.	0.	0.
94	94	117	SLU_ENV	Max	0.79	0.	0.	0.
94	94	544	SLU_ENV	Min	0.46	0.	0.	0.
94	94	543	SLU_ENV	Min	-8.27	0.	0.	0.
94	94	116	SLU_ENV	Min	-13.18	0.	0.	0.
94	94	117	SLU_ENV	Min	-2.23	0.	0.	0.
94	94	544	SLV_Ex		-24.51	6.03	-136.7	-10.043
94	94	543	SLV_Ex		-13.9	-2.49	-134.96	-6.057
94	94	116	SLV_Ex		-7.76	-3.13	-132.09	-3.457
94	94	117	SLV_Ex		-18.37	4.56	-132.99	-7.746
95	95	117	SLU_ENV	Max	-0.22	0.	0.	0.
95	95	116	SLU_ENV	Max	-0.85	0.	0.	0.
95	95	3	SLU_ENV	Max	-0.22	0.	0.	0.
95	95	4	SLU_ENV	Max	0.4	0.	0.	0.
95	95	117	SLU_ENV	Min	-6.62	0.	0.	0.
95	95	116	SLU_ENV	Min	-6.21	0.	0.	0.
95	95	3	SLU_ENV	Min	-4.87	0.	0.	0.
95	95	4	SLU_ENV	Min	-5.28	0.	0.	0.
95	95	117	SLV_Ex		-5.8	1.11	-130.98	-2.521
95	95	116	SLV_Ex		-8.54	11.01	-129.32	-3.495
95	95	3	SLV_Ex		-2.98	9.07	-136.24	-1.176
95	95	4	SLV_Ex		-0.25	-0.62	-138.11	-0.103
96	96	4	SLU_ENV	Max	0.81	0.	0.	0.
96	96	3	SLU_ENV	Max	-0.21	0.	0.	0.
96	96	31	SLU_ENV	Max	-0.24	0.	0.	0.
96	96	32	SLU_ENV	Max	0.72	0.	0.	0.
96	96	4	SLU_ENV	Min	-5.19	0.	0.	0.
96	96	3	SLU_ENV	Min	-6.81	0.	0.	0.
96	96	31	SLU_ENV	Min	-7.2	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
96	96	32	SLU_ENV	Min	-5.53	0.	0.	0.
96	96	4	SLV_Ex		-0.1	-2.4	-138.46	-0.043
96	96	3	SLV_Ex		1.44	13.12	-135.38	0.557
96	96	31	SLV_Ex		2.74	13.29	-134.71	1.059
96	96	32	SLV_Ex		1.19	-2.25	-137.77	0.503
97	97	32	SLU_ENV	Max	0.14	0.	0.	0.
97	97	31	SLU_ENV	Max	2.311E-02	0.	0.	0.
97	97	58	SLU_ENV	Max	4.355E-02	0.	0.	0.
97	97	59	SLU_ENV	Max	0.16	0.	0.	0.
97	97	32	SLU_ENV	Min	-6.7	0.	0.	0.
97	97	31	SLU_ENV	Min	-5.27	0.	0.	0.
97	97	58	SLU_ENV	Min	-4.67	0.	0.	0.
97	97	59	SLU_ENV	Min	-6.1	0.	0.	0.
97	97	32	SLV_Ex		3.48	-3.5	-138.12	1.48
97	97	31	SLV_Ex		1.73	14.06	-134.52	0.666
97	97	58	SLV_Ex		2.27	13.82	-135.81	0.869
97	97	59	SLV_Ex		4.02	-3.73	-139.42	1.697
98	98	59	SLU_ENV	Max	0.1	0.	0.	0.
98	98	58	SLU_ENV	Max	-4.158E-02	0.	0.	0.
98	98	85	SLU_ENV	Max	-9.880E-02	0.	0.	0.
98	98	86	SLU_ENV	Max	4.484E-02	0.	0.	0.
98	98	59	SLU_ENV	Min	-4.96	0.	0.	0.
98	98	58	SLU_ENV	Min	-4.53	0.	0.	0.
98	98	85	SLU_ENV	Min	-3.66	0.	0.	0.
98	98	86	SLU_ENV	Min	-4.1	0.	0.	0.
98	98	59	SLV_Ex		2.6	-4.49	-139.49	1.102
98	98	58	SLV_Ex		3.42	13.41	-135.94	1.314
98	98	85	SLV_Ex		3.24	13.53	-135.29	1.247
98	98	86	SLV_Ex		2.41	-4.37	-138.84	1.028
99	99	86	SLU_ENV	Max	-0.14	0.	0.	0.
99	99	85	SLU_ENV	Max	-1.046E-02	0.	0.	0.
99	99	112	SLU_ENV	Max	-5.066E-02	0.	0.	0.
99	99	113	SLU_ENV	Max	-0.18	0.	0.	0.
99	99	86	SLU_ENV	Min	-3.92	0.	0.	0.
99	99	85	SLU_ENV	Min	-1.87	0.	0.	0.
99	99	112	SLU_ENV	Min	-0.74	0.	0.	0.
99	99	113	SLU_ENV	Min	-2.78	0.	0.	0.
99	99	86	SLV_Ex		3.24	-4.52	-138.91	1.383
99	99	85	SLV_Ex		2.09	13.31	-135.28	0.806
99	99	112	SLV_Ex		1.77	13.12	-136.23	0.681
99	99	113	SLV_Ex		2.93	-4.72	-139.85	1.242
100	100	113	SLU_ENV	Max	-0.18	0.	0.	0.
100	100	112	SLU_ENV	Max	0.65	0.	0.	0.
100	100	165	SLU_ENV	Max	2.	0.	0.	0.
100	100	166	SLU_ENV	Max	0.8	0.	0.	0.
100	100	113	SLU_ENV	Min	-1.12	0.	0.	0.
100	100	112	SLU_ENV	Min	-0.96	0.	0.	0.
100	100	165	SLU_ENV	Min	-0.79	0.	0.	0.
100	100	166	SLU_ENV	Min	-0.59	0.	0.	0.
100	100	113	SLV_Ex		1.22	-4.52	-139.74	0.516
100	100	112	SLV_Ex		2.88	13.46	-136.2	1.105
100	100	165	SLV_Ex		3.12	13.71	-135.	1.202
100	100	166	SLV_Ex		1.45	-4.27	-138.53	0.62
101	101	166	SLU_ENV	Max	1.78	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	165	SLU_ENV	Max	3.69	0.	0.	0.
101	101	192	SLU_ENV	Max	5.12	0.	0.	0.
101	101	193	SLU_ENV	Max	3.06	0.	0.	0.
101	101	166	SLU_ENV	Min	-1.36	0.	0.	0.
101	101	165	SLU_ENV	Min	0.17	0.	0.	0.
101	101	192	SLU_ENV	Min	0.13	0.	0.	0.
101	101	193	SLU_ENV	Min	-1.25	0.	0.	0.
101	101	166	SLV_Ex		3.57	-3.49	-138.47	1.515
101	101	165	SLV_Ex		1.46	13.06	-135.06	0.563
101	101	192	SLV_Ex		1.72	12.81	-136.32	0.66
101	101	193	SLV_Ex		3.83	-3.73	-139.73	1.614
102	102	836	SLU_ENV	Max	-0.42	0.	0.	0.
102	102	851	SLU_ENV	Max	-0.19	0.	0.	0.
102	102	852	SLU_ENV	Max	9.76	0.	0.	0.
102	102	837	SLU_ENV	Max	9.54	0.	0.	0.
102	102	836	SLU_ENV	Min	-11.67	0.	0.	0.
102	102	851	SLU_ENV	Min	-11.03	0.	0.	0.
102	102	852	SLU_ENV	Min	-0.9	0.	0.	0.
102	102	837	SLU_ENV	Min	-1.54	0.	0.	0.
102	102	836	SLV_Ex		-5.01	-32.34	-151.51	-87.589
102	102	851	SLV_Ex		-4.46	-32.35	-151.3	-87.848
102	102	852	SLV_Ex		-5.34	-24.69	-149.84	-87.553
102	102	837	SLV_Ex		-5.88	-24.67	-150.05	-87.308
103	103	837	SLU_ENV	Max	2.25	0.	0.	0.
103	103	852	SLU_ENV	Max	2.54	0.	0.	0.
103	103	853	SLU_ENV	Max	0.44	0.	0.	0.
103	103	838	SLU_ENV	Max	0.15	0.	0.	0.
103	103	837	SLU_ENV	Min	-1.24	0.	0.	0.
103	103	852	SLU_ENV	Min	-0.73	0.	0.	0.
103	103	853	SLU_ENV	Min	-0.38	0.	0.	0.
103	103	838	SLU_ENV	Min	-0.9	0.	0.	0.
103	103	837	SLV_Ex		-7.68	-22.67	-141.39	-86.284
103	103	852	SLV_Ex		-5.58	-22.38	-138.55	-87.244
103	103	853	SLV_Ex		-3.86	-17.02	-137.3	-88.158
103	103	838	SLV_Ex		-5.96	-17.38	-140.08	-87.211
104	104	838	SLU_ENV	Max	0.87	0.	0.	0.
104	104	853	SLU_ENV	Max	1.06	0.	0.	0.
104	104	854	SLU_ENV	Max	1.	0.	0.	0.
104	104	839	SLU_ENV	Max	0.81	0.	0.	0.
104	104	838	SLU_ENV	Min	-0.64	0.	0.	0.
104	104	853	SLU_ENV	Min	-0.33	0.	0.	0.
104	104	854	SLU_ENV	Min	-0.28	0.	0.	0.
104	104	839	SLU_ENV	Min	-0.59	0.	0.	0.
104	104	838	SLV_Ex		-5.6	-14.97	-127.94	-87.153
104	104	853	SLV_Ex		-3.69	-15.16	-127.98	-88.127
104	104	854	SLV_Ex		-6.37	-9.79	-127.18	-86.883
104	104	839	SLV_Ex		-8.29	-9.51	-127.22	-85.951
105	105	839	SLU_ENV	Max	0.57	0.	0.	0.
105	105	854	SLU_ENV	Max	0.49	0.	0.	0.
105	105	855	SLU_ENV	Max	0.17	0.	0.	0.
105	105	840	SLU_ENV	Max	0.24	0.	0.	0.
105	105	839	SLU_ENV	Min	-0.28	0.	0.	0.
105	105	854	SLU_ENV	Min	-0.2	0.	0.	0.
105	105	855	SLU_ENV	Min	-1.289E-03	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
105	105	840	SLU_ENV	Min	-7.488E-02	0.	0.	0.
105	105	839	SLV_Ex		-8.55	-7.63	-118.28	-85.557
105	105	854	SLV_Ex		-6.36	-7.23	-114.55	-86.597
105	105	855	SLV_Ex		-3.14	-1.27	-113.01	-88.389
105	105	840	SLV_Ex		-5.33	-1.8	-116.61	-87.338
106	106	840	SLU_ENV	Max	7.398E-02	0.	0.	0.
106	106	855	SLU_ENV	Max	1.092E-03	0.	0.	0.
106	106	856	SLU_ENV	Max	0.2	0.	0.	0.
106	106	841	SLU_ENV	Max	0.27	0.	0.	0.
106	106	840	SLU_ENV	Min	-0.24	0.	0.	0.
106	106	855	SLU_ENV	Min	-0.17	0.	0.	0.
106	106	856	SLU_ENV	Min	-0.49	0.	0.	0.
106	106	841	SLU_ENV	Min	-0.57	0.	0.	0.
106	106	840	SLV_Ex		-5.08	0.73	-103.95	-87.216
106	106	855	SLV_Ex		-2.99	0.4	-104.63	-88.369
106	106	856	SLV_Ex		-5.38	8.96	-103.13	-87.246
106	106	841	SLV_Ex		-7.47	9.37	-102.53	-86.164
107	107	841	SLU_ENV	Max	0.59	0.	0.	0.
107	107	856	SLU_ENV	Max	0.28	0.	0.	0.
107	107	857	SLU_ENV	Max	0.32	0.	0.	0.
107	107	842	SLU_ENV	Max	0.64	0.	0.	0.
107	107	841	SLU_ENV	Min	-0.81	0.	0.	0.
107	107	856	SLU_ENV	Min	-1.	0.	0.	0.
107	107	857	SLU_ENV	Min	-1.06	0.	0.	0.
107	107	842	SLU_ENV	Min	-0.87	0.	0.	0.
107	107	841	SLV_Ex		-6.13	10.81	-94.48	-86.658
107	107	856	SLV_Ex		-4.99	11.03	-92.71	-87.239
107	107	857	SLV_Ex		-2.01	22.1	-90.25	-88.976
107	107	842	SLV_Ex		-3.14	21.82	-91.95	-88.415
108	108	842	SLU_ENV	Max	0.89	0.	0.	0.
108	108	857	SLU_ENV	Max	0.38	0.	0.	0.
108	108	858	SLU_ENV	Max	0.73	0.	0.	0.
108	108	843	SLU_ENV	Max	1.24	0.	0.	0.
108	108	842	SLU_ENV	Min	-0.15	0.	0.	0.
108	108	857	SLU_ENV	Min	-0.44	0.	0.	0.
108	108	858	SLU_ENV	Min	-2.54	0.	0.	0.
108	108	843	SLU_ENV	Min	-2.25	0.	0.	0.
108	108	842	SLV_Ex		-2.64	23.54	-83.21	-88.58
108	108	857	SLV_Ex		-1.83	23.29	-84.27	-89.023
108	108	858	SLV_Ex		-2.81	38.11	-81.35	-88.65
108	108	843	SLV_Ex		-3.62	38.38	-80.3	-88.249
109	109	843	SLU_ENV	Max	1.54	0.	0.	0.
109	109	858	SLU_ENV	Max	0.9	0.	0.	0.
109	109	859	SLU_ENV	Max	11.04	0.	0.	0.
109	109	844	SLU_ENV	Max	11.67	0.	0.	0.
109	109	843	SLU_ENV	Min	-9.54	0.	0.	0.
109	109	858	SLU_ENV	Min	-9.77	0.	0.	0.
109	109	859	SLU_ENV	Min	0.19	0.	0.	0.
109	109	844	SLU_ENV	Min	0.42	0.	0.	0.
109	109	843	SLV_Ex		-2.38	39.35	-75.07	-88.808
109	109	858	SLV_Ex		-2.57	39.39	-74.91	-88.709
109	109	859	SLV_Ex		-1.36	58.02	-71.14	-89.398
109	109	844	SLV_Ex		-1.16	57.98	-71.3	-89.485
110	110	193	SLU_ENV	Max	4.43	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
110	110	192	SLU_ENV	Max	5.86	0.	0.	0.
110	110	219	SLU_ENV	Max	8.28	0.	0.	0.
110	110	220	SLU_ENV	Max	7.03	0.	0.	0.
110	110	193	SLU_ENV	Min	-0.32	0.	0.	0.
110	110	192	SLU_ENV	Min	-0.16	0.	0.	0.
110	110	219	SLU_ENV	Min	0.56	0.	0.	0.
110	110	220	SLU_ENV	Min	0.23	0.	0.	0.
110	110	193	SLV_Ex		1.78	-2.52	-139.39	0.747
110	110	192	SLV_Ex		5.64	10.98	-136.92	2.186
110	110	219	SLV_Ex		10.49	12.81	-131.09	4.19
110	110	220	SLV_Ex		6.63	-0.93	-133.32	2.876
111	111	220	SLU_ENV	Max	5.74	0.	0.	0.
111	111	219	SLU_ENV	Max	13.74	0.	0.	0.
111	111	246	SLU_ENV	Max	12.67	0.	0.	0.
111	111	247	SLU_ENV	Max	5.57	0.	0.	0.
111	111	220	SLU_ENV	Min	-0.19	0.	0.	0.
111	111	219	SLU_ENV	Min	1.91	0.	0.	0.
111	111	246	SLU_ENV	Min	1.74	0.	0.	0.
111	111	247	SLU_ENV	Min	-1.27	0.	0.	0.
111	111	220	SLV_Ex		18.94	2.86	-135.33	7.955
111	111	219	SLV_Ex		8.62	-1.33	-133.67	3.741
111	111	246	SLV_Ex		14.85	-0.21	-134.68	6.379
111	111	247	SLV_Ex		25.17	4.84	-137.21	10.379
112	112	247	SLU_ENV	Max	6.31	0.	0.	0.
112	112	246	SLU_ENV	Max	8.73	0.	0.	0.
112	112	273	SLU_ENV	Max	9.65	0.	0.	0.
112	112	274	SLU_ENV	Max	7.24	0.	0.	0.
112	112	247	SLU_ENV	Min	0.18	0.	0.	0.
112	112	246	SLU_ENV	Min	1.38	0.	0.	0.
112	112	273	SLU_ENV	Min	1.96	0.	0.	0.
112	112	274	SLU_ENV	Min	0.77	0.	0.	0.
112	112	247	SLV_Ex		25.4	6.22	-136.99	10.39
112	112	246	SLV_Ex		31.6	0.24	-141.52	13.239
112	112	273	SLV_Ex		31.42	-2.96	-153.99	12.294
112	112	274	SLV_Ex		25.22	3.23	-149.67	9.632
113	113	274	SLU_ENV	Max	4.88	0.	0.	0.
113	113	273	SLU_ENV	Max	6.21	0.	0.	0.
113	113	300	SLU_ENV	Max	2.41	0.	0.	0.
113	113	301	SLU_ENV	Max	1.88	0.	0.	0.
113	113	274	SLU_ENV	Min	0.8	0.	0.	0.
113	113	273	SLU_ENV	Min	1.12	0.	0.	0.
113	113	300	SLU_ENV	Min	0.46	0.	0.	0.
113	113	301	SLU_ENV	Min	-0.66	0.	0.	0.
113	113	274	SLV_Ex		21.09	4.51	-147.85	8.035
113	113	273	SLV_Ex		17.06	4.46	-146.63	6.527
113	113	300	SLV_Ex		14.28	-0.73	-168.23	4.908
113	113	301	SLV_Ex		18.3	-0.92	-169.21	6.281
114	114	579	SLU_ENV	Max	-0.8	0.	0.	0.
114	114	597	SLU_ENV	Max	-3.57	0.	0.	0.
114	114	596	SLU_ENV	Max	-3.38	0.	0.	0.
114	114	561	SLU_ENV	Max	3.79	0.	0.	0.
114	114	579	SLU_ENV	Min	-2.59	0.	0.	0.
114	114	597	SLU_ENV	Min	-12.83	0.	0.	0.
114	114	596	SLU_ENV	Min	-6.45	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
114	114	561	SLU_ENV	Min	-0.61	0.	0.	0.
114	114	579	SLV_Ex		-6.72	-8.5	-199.95	-2.013
114	114	597	SLV_Ex		-32.44	-21.89	-209.29	-10.126
114	114	596	SLV_Ex		-41.	1.31	-138.36	-17.976
114	114	561	SLV_Ex		-15.29	8.75	-123.06	-6.705
115	115	561	SLU_ENV	Max	3.63	0.	0.	0.
115	115	596	SLU_ENV	Max	-5.99	0.	0.	0.
115	115	595	SLU_ENV	Max	-8.02	0.	0.	0.
115	115	543	SLU_ENV	Max	-3.44	0.	0.	0.
115	115	561	SLU_ENV	Min	-1.41	0.	0.	0.
115	115	596	SLU_ENV	Min	-26.66	0.	0.	0.
115	115	595	SLU_ENV	Min	-39.38	0.	0.	0.
115	115	543	SLU_ENV	Min	-9.09	0.	0.	0.
115	115	561	SLV_Ex		-28.06	1.73	-129.85	-12.623
115	115	596	SLV_Ex		-14.13	-11.2	-127.	-7.062
115	115	595	SLV_Ex		-9.92	-6.19	-97.95	-6.242
115	115	543	SLV_Ex		-23.85	6.71	-100.77	-13.174
116	116	543	SLU_ENV	Max	-4.04	0.	0.	0.
116	116	595	SLU_ENV	Max	-4.21	0.	0.	0.
116	116	115	SLU_ENV	Max	-2.93	0.	0.	0.
116	116	116	SLU_ENV	Max	-2.76	0.	0.	0.
116	116	543	SLU_ENV	Min	-17.44	0.	0.	0.
116	116	595	SLU_ENV	Min	-18.32	0.	0.	0.
116	116	115	SLU_ENV	Min	-14.49	0.	0.	0.
116	116	116	SLU_ENV	Min	-13.6	0.	0.	0.
116	116	543	SLV_Ex		-8.86	4.59	-95.45	-5.101
116	116	595	SLV_Ex		-6.91	28.41	-90.22	-3.345
116	116	115	SLV_Ex		1.76	24.35	-108.21	0.763
116	116	116	SLV_Ex		-0.19	0.12	-113.03	-0.094
117	117	116	SLU_ENV	Max	-1.38	0.	0.	0.
117	117	115	SLU_ENV	Max	-2.71	0.	0.	0.
117	117	2	SLU_ENV	Max	-2.11	0.	0.	0.
117	117	3	SLU_ENV	Max	-0.78	0.	0.	0.
117	117	116	SLU_ENV	Min	-6.63	0.	0.	0.
117	117	115	SLU_ENV	Min	-18.53	0.	0.	0.
117	117	2	SLU_ENV	Min	-15.64	0.	0.	0.
117	117	3	SLU_ENV	Min	-3.74	0.	0.	0.
117	117	116	SLV_Ex		-0.96	14.21	-110.22	-0.443
117	117	115	SLV_Ex		3.24	31.89	-106.76	1.339
117	117	2	SLV_Ex		0.87	30.49	-113.38	0.347
117	117	3	SLV_Ex		-3.33	12.95	-116.98	-1.47
118	118	851	SLU_ENV	Max	-3.020E-02	0.	0.	0.
118	118	866	SLU_ENV	Max	0.33	0.	0.	0.
118	118	867	SLU_ENV	Max	10.89	0.	0.	0.
118	118	852	SLU_ENV	Max	10.37	0.	0.	0.
118	118	851	SLU_ENV	Min	-9.01	0.	0.	0.
118	118	866	SLU_ENV	Min	-8.42	0.	0.	0.
118	118	867	SLU_ENV	Min	0.26	0.	0.	0.
118	118	852	SLU_ENV	Min	-0.17	0.	0.	0.
118	118	851	SLV_Ex		-3.2	-32.64	-151.26	-88.456
118	118	866	SLV_Ex		-2.95	-32.47	-150.36	-88.564
118	118	867	SLV_Ex		-2.02	-24.96	-148.81	-89.067
118	118	852	SLV_Ex		-2.26	-25.13	-149.7	-88.961
119	119	852	SLU_ENV	Max	3.15	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	867	SLU_ENV	Max	3.91	0.	0.	0.
119	119	868	SLU_ENV	Max	1.26	0.	0.	0.
119	119	853	SLU_ENV	Max	0.57	0.	0.	0.
119	119	852	SLU_ENV	Min	5.220E-03	0.	0.	0.
119	119	867	SLU_ENV	Min	0.24	0.	0.	0.
119	119	868	SLU_ENV	Min	0.18	0.	0.	0.
119	119	853	SLU_ENV	Min	-0.12	0.	0.	0.
119	119	852	SLV_Ex		-2.5	-22.85	-138.38	-88.76
119	119	867	SLV_Ex		0.11	-23.15	-139.57	89.945
119	119	868	SLV_Ex		-1.68	-17.39	-138.44	-89.207
119	119	853	SLV_Ex		-4.29	-17.01	-137.33	-87.957
120	120	853	SLU_ENV	Max	1.19	0.	0.	0.
120	120	868	SLU_ENV	Max	1.53	0.	0.	0.
120	120	869	SLU_ENV	Max	1.61	0.	0.	0.
120	120	854	SLU_ENV	Max	1.21	0.	0.	0.
120	120	853	SLU_ENV	Min	-6.104E-02	0.	0.	0.
120	120	868	SLU_ENV	Min	0.13	0.	0.	0.
120	120	869	SLU_ENV	Min	0.14	0.	0.	0.
120	120	854	SLU_ENV	Min	1.500E-02	0.	0.	0.
120	120	853	SLV_Ex		-4.11	-15.15	-128.02	-87.912
120	120	868	SLV_Ex		-2.35	-14.86	-125.92	-88.787
120	120	869	SLV_Ex		0.55	-9.83	-124.86	89.728
120	120	854	SLV_Ex		-1.21	-10.21	-126.86	-89.405
121	121	854	SLU_ENV	Max	0.76	0.	0.	0.
121	121	869	SLU_ENV	Max	0.79	0.	0.	0.
121	121	870	SLU_ENV	Max	0.23	0.	0.	0.
121	121	855	SLU_ENV	Max	0.17	0.	0.	0.
121	121	854	SLU_ENV	Min	3.824E-02	0.	0.	0.
121	121	869	SLU_ENV	Min	4.540E-02	0.	0.	0.
121	121	870	SLU_ENV	Min	-1.420E-02	0.	0.	0.
121	121	855	SLU_ENV	Min	-1.238E-03	0.	0.	0.
121	121	854	SLV_Ex		-1.2	-7.68	-114.2	-89.356
121	121	869	SLV_Ex		0.99	-8.05	-115.99	89.477
121	121	870	SLV_Ex		-2.09	-1.49	-114.72	-88.942
121	121	855	SLV_Ex		-4.27	-1.01	-113.05	-87.813
122	122	855	SLU_ENV	Max	1.143E-03	0.	0.	0.
122	122	870	SLU_ENV	Max	1.391E-02	0.	0.	0.
122	122	871	SLU_ENV	Max	-4.560E-02	0.	0.	0.
122	122	856	SLU_ENV	Max	-3.844E-02	0.	0.	0.
122	122	855	SLU_ENV	Min	-0.17	0.	0.	0.
122	122	870	SLU_ENV	Min	-0.22	0.	0.	0.
122	122	871	SLU_ENV	Min	-0.79	0.	0.	0.
122	122	856	SLU_ENV	Min	-0.76	0.	0.	0.
122	122	855	SLV_Ex		-4.12	0.67	-104.67	-87.756
122	122	870	SLV_Ex		-2.03	0.98	-102.39	-88.875
122	122	871	SLV_Ex		0.93	9.75	-100.6	89.518
122	122	856	SLV_Ex		-1.16	9.32	-102.76	-89.405
123	123	856	SLU_ENV	Max	-1.525E-02	0.	0.	0.
123	123	871	SLU_ENV	Max	-0.14	0.	0.	0.
123	123	872	SLU_ENV	Max	-0.13	0.	0.	0.
123	123	857	SLU_ENV	Max	6.059E-02	0.	0.	0.
123	123	856	SLU_ENV	Min	-1.21	0.	0.	0.
123	123	871	SLU_ENV	Min	-1.61	0.	0.	0.
123	123	872	SLU_ENV	Min	-1.53	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
123	123	857	SLU_ENV	Min	-1.19	0.	0.	0.
123	123	856	SLV_Ex		-0.78	11.4	-92.35	-89.572
123	123	871	SLV_Ex		-0.12	11.17	-93.46	-89.937
123	123	872	SLV_Ex		-2.55	22.52	-91.26	-88.717
123	123	857	SLV_Ex		-3.21	22.78	-90.18	-88.373
124	124	857	SLU_ENV	Max	0.12	0.	0.	0.
124	124	872	SLU_ENV	Max	-0.18	0.	0.	0.
124	124	873	SLU_ENV	Max	-0.24	0.	0.	0.
124	124	858	SLU_ENV	Max	-5.947E-03	0.	0.	0.
124	124	857	SLU_ENV	Min	-0.57	0.	0.	0.
124	124	872	SLU_ENV	Min	-1.26	0.	0.	0.
124	124	873	SLU_ENV	Min	-3.91	0.	0.	0.
124	124	858	SLU_ENV	Min	-3.15	0.	0.	0.
124	124	857	SLV_Ex		-3.03	23.96	-84.2	-88.393
124	124	872	SLV_Ex		-1.98	24.14	-83.05	-88.942
124	124	873	SLV_Ex		-0.49	38.9	-80.06	-89.763
124	124	858	SLV_Ex		-1.54	38.69	-81.18	-89.262
125	125	858	SLU_ENV	Max	0.17	0.	0.	0.
125	125	873	SLU_ENV	Max	-0.26	0.	0.	0.
125	125	874	SLU_ENV	Max	8.42	0.	0.	0.
125	125	859	SLU_ENV	Max	9.01	0.	0.	0.
125	125	858	SLU_ENV	Min	-10.38	0.	0.	0.
125	125	873	SLU_ENV	Min	-10.89	0.	0.	0.
125	125	874	SLU_ENV	Min	-0.33	0.	0.	0.
125	125	859	SLU_ENV	Min	3.009E-02	0.	0.	0.
125	125	858	SLV_Ex		-1.31	39.97	-74.75	-89.348
125	125	873	SLV_Ex		-2.17	39.93	-75.12	-88.92
125	125	874	SLV_Ex		-2.5	57.34	-71.65	-88.888
125	125	859	SLV_Ex		-1.64	57.38	-71.27	-89.27
126	126	3	SLU_ENV	Max	-0.77	0.	0.	0.
126	126	2	SLU_ENV	Max	-1.01	0.	0.	0.
126	126	30	SLU_ENV	Max	-0.72	0.	0.	0.
126	126	31	SLU_ENV	Max	-0.48	0.	0.	0.
126	126	3	SLU_ENV	Min	-5.68	0.	0.	0.
126	126	2	SLU_ENV	Min	-12.31	0.	0.	0.
126	126	30	SLU_ENV	Min	-11.84	0.	0.	0.
126	126	31	SLU_ENV	Min	-5.21	0.	0.	0.
126	126	3	SLV_Ex		1.09	16.97	-116.09	0.471
126	126	2	SLV_Ex		0.21	34.71	-112.53	0.08
126	126	30	SLV_Ex		2.09	33.79	-117.29	0.792
126	126	31	SLV_Ex		2.98	16.08	-120.88	1.245
127	127	31	SLU_ENV	Max	-0.22	0.	0.	0.
127	127	30	SLU_ENV	Max	-0.56	0.	0.	0.
127	127	57	SLU_ENV	Max	-0.42	0.	0.	0.
127	127	58	SLU_ENV	Max	-7.747E-02	0.	0.	0.
127	127	31	SLU_ENV	Min	-3.28	0.	0.	0.
127	127	30	SLU_ENV	Min	-11.06	0.	0.	0.
127	127	57	SLU_ENV	Min	-9.69	0.	0.	0.
127	127	58	SLU_ENV	Min	-1.91	0.	0.	0.
127	127	31	SLV_Ex		1.97	16.84	-120.68	0.82
127	127	30	SLV_Ex		3.19	33.61	-117.38	1.21
127	127	57	SLV_Ex		2.86	33.53	-117.73	1.085
127	127	58	SLV_Ex		1.64	16.76	-121.04	0.683
128	128	58	SLU_ENV	Max	-0.16	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	57	SLU_ENV	Max	-0.17	0.	0.	0.
128	128	84	SLU_ENV	Max	-0.11	0.	0.	0.
128	128	85	SLU_ENV	Max	0.17	0.	0.	0.
128	128	58	SLU_ENV	Min	-1.76	0.	0.	0.
128	128	57	SLU_ENV	Min	-6.89	0.	0.	0.
128	128	84	SLU_ENV	Min	-5.85	0.	0.	0.
128	128	85	SLU_ENV	Min	-1.	0.	0.	0.
128	128	58	SLV_Ex		2.8	16.34	-121.17	1.166
128	128	57	SLV_Ex		2.2	33.46	-117.72	0.832
128	128	84	SLV_Ex		2.38	33.25	-118.77	0.899
128	128	85	SLV_Ex		2.99	16.14	-122.22	1.237
129	129	85	SLU_ENV	Max	1.6	0.	0.	0.
129	129	84	SLU_ENV	Max	-4.765E-02	0.	0.	0.
129	129	111	SLU_ENV	Max	3.300E-03	0.	0.	0.
129	129	112	SLU_ENV	Max	2.66	0.	0.	0.
129	129	85	SLU_ENV	Min	-0.56	0.	0.	0.
129	129	84	SLU_ENV	Min	-4.67	0.	0.	0.
129	129	111	SLU_ENV	Min	-3.53	0.	0.	0.
129	129	112	SLU_ENV	Min	-0.43	0.	0.	0.
129	129	85	SLV_Ex		1.84	15.92	-122.22	0.763
129	129	84	SLV_Ex		2.92	33.09	-118.82	1.101
129	129	111	SLV_Ex		3.18	33.21	-118.29	1.202
129	129	112	SLV_Ex		2.1	16.04	-121.68	0.873
130	130	112	SLU_ENV	Max	3.53	0.	0.	0.
130	130	111	SLU_ENV	Max	0.24	0.	0.	0.
130	130	164	SLU_ENV	Max	0.73	0.	0.	0.
130	130	165	SLU_ENV	Max	4.44	0.	0.	0.
130	130	112	SLU_ENV	Min	-0.82	0.	0.	0.
130	130	111	SLU_ENV	Min	-1.1	0.	0.	0.
130	130	164	SLU_ENV	Min	-0.11	0.	0.	0.
130	130	165	SLU_ENV	Min	-0.26	0.	0.	0.
130	130	112	SLV_Ex		3.21	16.39	-121.66	1.332
130	130	111	SLV_Ex		2.33	32.81	-118.33	0.884
130	130	164	SLV_Ex		1.64	32.72	-118.67	0.621
130	130	165	SLV_Ex		2.52	16.29	-121.99	1.044
131	131	165	SLU_ENV	Max	6.47	0.	0.	0.
131	131	164	SLU_ENV	Max	2.21	0.	0.	0.
131	131	191	SLU_ENV	Max	3.67	0.	0.	0.
131	131	192	SLU_ENV	Max	7.93	0.	0.	0.
131	131	165	SLU_ENV	Min	0.36	0.	0.	0.
131	131	164	SLU_ENV	Min	0.49	0.	0.	0.
131	131	191	SLU_ENV	Min	0.69	0.	0.	0.
131	131	192	SLU_ENV	Min	0.56	0.	0.	0.
131	131	165	SLV_Ex		0.86	15.64	-122.07	0.356
131	131	164	SLV_Ex		2.72	33.44	-118.56	1.027
131	131	191	SLV_Ex		4.53	34.26	-115.	1.741
131	131	192	SLV_Ex		2.66	16.42	-118.47	1.132
132	132	192	SLU_ENV	Max	8.5	0.	0.	0.
132	132	191	SLU_ENV	Max	8.81	0.	0.	0.
132	132	218	SLU_ENV	Max	11.8	0.	0.	0.
132	132	219	SLU_ENV	Max	11.48	0.	0.	0.
132	132	192	SLU_ENV	Min	0.44	0.	0.	0.
132	132	191	SLU_ENV	Min	1.57	0.	0.	0.
132	132	218	SLU_ENV	Min	2.15	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
132	132	219	SLU_ENV	Min	1.02	0.	0.	0.
132	132	192	SLV_Ex		6.58	14.67	-119.14	2.823
132	132	191	SLV_Ex		3.3	31.	-115.58	1.291
132	132	218	SLV_Ex		0.7	31.86	-110.82	0.283
132	132	219	SLV_Ex		3.99	15.4	-114.25	1.762
133	133	219	SLU_ENV	Max	16.94	0.	0.	0.
133	133	218	SLU_ENV	Max	14.58	0.	0.	0.
133	133	245	SLU_ENV	Max	17.28	0.	0.	0.
133	133	246	SLU_ENV	Max	19.64	0.	0.	0.
133	133	219	SLU_ENV	Min	2.37	0.	0.	0.
133	133	218	SLU_ENV	Min	2.45	0.	0.	0.
133	133	245	SLU_ENV	Min	3.61	0.	0.	0.
133	133	246	SLU_ENV	Min	3.54	0.	0.	0.
133	133	219	SLV_Ex		2.12	1.38	-116.95	1.025
133	133	218	SLV_Ex		2.64	27.04	-111.84	1.088
133	133	245	SLV_Ex		9.74	31.77	-92.51	4.511
133	133	246	SLV_Ex		9.22	6.18	-97.69	5.115
134	134	866	SLU_ENV	Max	0.96	0.	0.	0.
134	134	881	SLU_ENV	Max	1.88	0.	0.	0.
134	134	882	SLU_ENV	Max	12.3	0.	0.	0.
134	134	867	SLU_ENV	Max	11.49	0.	0.	0.
134	134	866	SLU_ENV	Min	-6.24	0.	0.	0.
134	134	881	SLU_ENV	Min	-6.05	0.	0.	0.
134	134	882	SLU_ENV	Min	0.72	0.	0.	0.
134	134	867	SLU_ENV	Min	0.42	0.	0.	0.
134	134	866	SLV_Ex		-0.79	-30.84	-149.95	-89.62
134	134	881	SLV_Ex		2.07	-31.17	-151.8	89.015
134	134	882	SLV_Ex		0.65	-23.54	-150.23	89.707
134	134	867	SLV_Ex		-2.22	-23.14	-148.45	-88.986
135	135	867	SLU_ENV	Max	4.51	0.	0.	0.
135	135	882	SLU_ENV	Max	5.22	0.	0.	0.
135	135	883	SLU_ENV	Max	2.91	0.	0.	0.
135	135	868	SLU_ENV	Max	2.19	0.	0.	0.
135	135	867	SLU_ENV	Min	0.4	0.	0.	0.
135	135	882	SLU_ENV	Min	0.55	0.	0.	0.
135	135	883	SLU_ENV	Min	0.54	0.	0.	0.
135	135	868	SLU_ENV	Min	0.39	0.	0.	0.
135	135	867	SLV_Ex		-8.904E-02	-21.34	-139.2	-89.957
135	135	882	SLV_Ex		-0.13	-21.21	-138.57	-89.935
135	135	883	SLV_Ex		3.14	-17.04	-137.83	88.509
135	135	868	SLV_Ex		3.19	-17.16	-138.47	88.494
136	136	868	SLU_ENV	Max	2.46	0.	0.	0.
136	136	883	SLU_ENV	Max	2.62	0.	0.	0.
136	136	884	SLU_ENV	Max	1.81	0.	0.	0.
136	136	869	SLU_ENV	Max	1.65	0.	0.	0.
136	136	868	SLU_ENV	Min	0.34	0.	0.	0.
136	136	883	SLU_ENV	Min	0.41	0.	0.	0.
136	136	884	SLU_ENV	Min	0.24	0.	0.	0.
136	136	869	SLU_ENV	Min	0.18	0.	0.	0.
136	136	868	SLV_Ex		2.51	-14.68	-125.89	88.706
136	136	883	SLV_Ex		5.51	-15.27	-130.07	87.248
136	136	884	SLV_Ex		2.26	-9.87	-128.73	88.909
136	136	869	SLV_Ex		-0.73	-9.11	-124.72	-89.637
137	137	869	SLU_ENV	Max	0.83	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	884	SLU_ENV	Max	1.27	0.	0.	0.
137	137	885	SLU_ENV	Max	0.65	0.	0.	0.
137	137	870	SLU_ENV	Max	0.23	0.	0.	0.
137	137	869	SLU_ENV	Min	7.591E-02	0.	0.	0.
137	137	884	SLU_ENV	Min	0.2	0.	0.	0.
137	137	885	SLU_ENV	Min	0.13	0.	0.	0.
137	137	870	SLU_ENV	Min	-1.436E-02	0.	0.	0.
137	137	869	SLV_Ex		-0.29	-7.34	-115.84	-89.844
137	137	884	SLV_Ex		2.05	-7.06	-114.64	88.907
137	137	885	SLV_Ex		5.76	-1.14	-113.77	87.067
137	137	870	SLV_Ex		3.41	-1.58	-114.81	88.273
138	138	870	SLU_ENV	Max	1.374E-02	0.	0.	0.
138	138	885	SLU_ENV	Max	-0.13	0.	0.	0.
138	138	886	SLU_ENV	Max	-0.2	0.	0.	0.
138	138	871	SLU_ENV	Max	-7.596E-02	0.	0.	0.
138	138	870	SLU_ENV	Min	-0.23	0.	0.	0.
138	138	885	SLU_ENV	Min	-0.65	0.	0.	0.
138	138	886	SLU_ENV	Min	-1.27	0.	0.	0.
138	138	871	SLU_ENV	Min	-0.83	0.	0.	0.
138	138	870	SLV_Ex		3.47	0.9	-102.5	88.074
138	138	885	SLV_Ex		4.84	0.53	-104.98	87.368
138	138	886	SLV_Ex		0.78	7.88	-103.25	89.597
138	138	871	SLV_Ex		-0.59	8.35	-100.87	-89.693
139	139	871	SLU_ENV	Max	-0.18	0.	0.	0.
139	139	886	SLU_ENV	Max	-0.24	0.	0.	0.
139	139	887	SLU_ENV	Max	-0.41	0.	0.	0.
139	139	872	SLU_ENV	Max	-0.34	0.	0.	0.
139	139	871	SLU_ENV	Min	-1.64	0.	0.	0.
139	139	886	SLU_ENV	Min	-1.81	0.	0.	0.
139	139	887	SLU_ENV	Min	-2.62	0.	0.	0.
139	139	872	SLU_ENV	Min	-2.46	0.	0.	0.
139	139	871	SLV_Ex		-1.63	9.8	-93.77	-89.099
139	139	886	SLV_Ex		1.	10.27	-91.34	89.436
139	139	887	SLV_Ex		3.02	22.47	-88.99	88.447
139	139	872	SLV_Ex		0.39	21.91	-91.31	89.803
140	140	872	SLU_ENV	Max	-0.39	0.	0.	0.
140	140	887	SLU_ENV	Max	-0.54	0.	0.	0.
140	140	888	SLU_ENV	Max	-0.55	0.	0.	0.
140	140	873	SLU_ENV	Max	-0.4	0.	0.	0.
140	140	872	SLU_ENV	Min	-2.19	0.	0.	0.
140	140	887	SLU_ENV	Min	-2.91	0.	0.	0.
140	140	888	SLU_ENV	Min	-5.22	0.	0.	0.
140	140	873	SLU_ENV	Min	-4.51	0.	0.	0.
140	140	872	SLV_Ex		0.96	23.55	-83.13	89.485
140	140	887	SLV_Ex		-0.3	23.54	-83.18	-89.837
140	140	888	SLV_Ex		-2.93	37.47	-80.48	-88.577
140	140	873	SLV_Ex		-1.67	37.43	-80.38	-89.189
141	141	873	SLU_ENV	Max	-0.42	0.	0.	0.
141	141	888	SLU_ENV	Max	-0.72	0.	0.	0.
141	141	889	SLU_ENV	Max	6.05	0.	0.	0.
141	141	874	SLU_ENV	Max	6.24	0.	0.	0.
141	141	873	SLU_ENV	Min	-11.49	0.	0.	0.
141	141	888	SLU_ENV	Min	-12.3	0.	0.	0.
141	141	889	SLU_ENV	Min	-1.88	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
141	141	874	SLU_ENV	Min	-0.96	0.	0.	0.
141	141	873	SLV_Ex		-3.34	38.5	-75.48	-88.318
141	141	888	SLV_Ex		-2.14	38.63	-74.47	-88.913
141	141	889	SLV_Ex		-0.95	57.57	-70.64	-89.574
141	141	874	SLV_Ex		-2.15	57.4	-71.62	-89.044
142	142	246	SLU_ENV	Max	15.7	0.	0.	0.
142	142	245	SLU_ENV	Max	31.22	0.	0.	0.
142	142	272	SLU_ENV	Max	23.34	0.	0.	0.
142	142	273	SLU_ENV	Max	7.83	0.	0.	0.
142	142	246	SLU_ENV	Min	3.18	0.	0.	0.
142	142	245	SLU_ENV	Min	7.89	0.	0.	0.
142	142	272	SLU_ENV	Min	6.27	0.	0.	0.
142	142	273	SLU_ENV	Min	1.56	0.	0.	0.
142	142	246	SLV_Ex		25.98	6.5	-104.39	13.97
142	142	245	SLV_Ex		11.28	-3.52	-100.24	6.747
142	142	272	SLV_Ex		15.99	-7.55	-125.62	7.86
142	142	273	SLV_Ex		30.69	2.67	-129.96	13.783
143	143	273	SLU_ENV	Max	4.39	0.	0.	0.
143	143	272	SLU_ENV	Max	9.48	0.	0.	0.
143	143	299	SLU_ENV	Max	10.86	0.	0.	0.
143	143	300	SLU_ENV	Max	4.89	0.	0.	0.
143	143	273	SLU_ENV	Min	0.72	0.	0.	0.
143	143	272	SLU_ENV	Min	3.16	0.	0.	0.
143	143	299	SLU_ENV	Min	2.28	0.	0.	0.
143	143	300	SLU_ENV	Min	0.72	0.	0.	0.
143	143	273	SLV_Ex		16.33	9.51	-122.03	7.189
143	143	272	SLV_Ex		47.01	6.7	-140.49	19.851
143	143	299	SLV_Ex		37.98	-20.84	-221.22	11.137
143	143	300	SLV_Ex		7.3	-10.33	-210.47	2.091
144	144	597	SLU_ENV	Max	-11.72	0.	0.	0.
144	144	991	SLU_ENV	Max	22.09	0.	0.	0.
144	144	990	SLU_ENV	Max	5.06	0.	0.	0.
144	144	596	SLU_ENV	Max	-13.37	0.	0.	0.
144	144	597	SLU_ENV	Min	-43.54	0.	0.	0.
144	144	991	SLU_ENV	Min	2.17	0.	0.	0.
144	144	990	SLU_ENV	Min	-6.07	0.	0.	0.
144	144	596	SLU_ENV	Min	-67.17	0.	0.	0.
144	144	597	SLV_Ex		-103.89	-5.78	-324.82	-20.319
144	144	991	SLV_Ex		39.7	53.52	-272.68	7.044
144	144	990	SLV_Ex		80.7	130.05	-82.82	24.653
144	144	596	SLV_Ex		-62.89	38.58	-102.78	-31.425
145	145	596	SLU_ENV	Max	-15.98	0.	0.	0.
145	145	990	SLU_ENV	Max	33.24	0.	0.	0.
145	145	796	SLU_ENV	Max	46.82	0.	0.	0.
145	145	595	SLU_ENV	Max	-12.17	0.	0.	0.
145	145	596	SLU_ENV	Min	-87.38	0.	0.	0.
145	145	990	SLU_ENV	Min	1.6	0.	0.	0.
145	145	796	SLU_ENV	Min	5.4	0.	0.	0.
145	145	595	SLU_ENV	Min	-73.8	0.	0.	0.
145	145	596	SLV_Ex		-36.02	15.42	-80.77	-24.25
145	145	990	SLV_Ex		21.73	104.22	-47.36	8.331
145	145	796	SLV_Ex		54.29	111.15	-89.43	16.386
145	145	595	SLV_Ex		-3.47	-6.53	-93.98	-2.273
146	146	595	SLU_ENV	Max	-8.36	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
146	146	796	SLU_ENV	Max	23.36	0.	0.	0.
146	146	795	SLU_ENV	Max	36.48	0.	0.	0.
146	146	115	SLU_ENV	Max	-4.6	0.	0.	0.
146	146	595	SLU_ENV	Min	-52.75	0.	0.	0.
146	146	796	SLU_ENV	Min	-5.65	0.	0.	0.
146	146	795	SLU_ENV	Min	2.46	0.	0.	0.
146	146	115	SLU_ENV	Min	-35.27	0.	0.	0.
146	146	595	SLV_Ex		-0.46	28.61	-86.78	-0.228
146	146	796	SLV_Ex		11.66	67.96	-80.02	4.532
146	146	795	SLV_Ex		10.92	66.56	-86.18	4.11
146	146	115	SLV_Ex		-1.2	27.36	-93.09	-0.569
147	147	115	SLU_ENV	Max	-4.37	0.	0.	0.
147	147	795	SLU_ENV	Max	32.28	0.	0.	0.
147	147	814	SLU_ENV	Max	30.64	0.	0.	0.
147	147	2	SLU_ENV	Max	-3.32	0.	0.	0.
147	147	115	SLU_ENV	Min	-39.3	0.	0.	0.
147	147	795	SLU_ENV	Min	-1.01	0.	0.	0.
147	147	814	SLU_ENV	Min	0.91	0.	0.	0.
147	147	2	SLU_ENV	Min	-40.06	0.	0.	0.
147	147	115	SLV_Ex		0.28	34.84	-91.58	0.126
147	147	795	SLV_Ex		-7.793E-02	58.53	-86.84	-0.031
147	147	814	SLV_Ex		3.99	56.94	-95.38	1.5
147	147	2	SLV_Ex		4.34	33.29	-100.15	1.866
148	148	2	SLU_ENV	Max	-2.22	0.	0.	0.
148	148	814	SLU_ENV	Max	30.38	0.	0.	0.
148	148	829	SLU_ENV	Max	32.06	0.	0.	0.
148	148	30	SLU_ENV	Max	-1.18	0.	0.	0.
148	148	2	SLU_ENV	Min	-36.73	0.	0.	0.
148	148	814	SLU_ENV	Min	-3.48	0.	0.	0.
148	148	829	SLU_ENV	Min	-0.41	0.	0.	0.
148	148	30	SLU_ENV	Min	-33.03	0.	0.	0.
148	148	2	SLV_Ex		3.68	37.48	-99.27	1.542
148	148	814	SLV_Ex		0.28	53.6	-95.92	0.109
148	148	829	SLV_Ex		-0.89	53.04	-98.74	-0.337
148	148	30	SLV_Ex		2.5	36.86	-102.02	1.033
149	149	30	SLU_ENV	Max	-1.02	0.	0.	0.
149	149	829	SLU_ENV	Max	31.4	0.	0.	0.
149	149	844	SLU_ENV	Max	33.58	0.	0.	0.
149	149	57	SLU_ENV	Max	-0.68	0.	0.	0.
149	149	30	SLU_ENV	Min	-32.25	0.	0.	0.
149	149	829	SLU_ENV	Min	-1.83	0.	0.	0.
149	149	844	SLU_ENV	Min	-1.19	0.	0.	0.
149	149	57	SLU_ENV	Min	-29.76	0.	0.	0.
149	149	30	SLV_Ex		3.6	36.7	-102.11	1.487
149	149	829	SLV_Ex		-1.21	53.31	-98.69	-0.457
149	149	844	SLV_Ex		-0.46	52.96	-100.42	-0.171
149	149	57	SLV_Ex		4.35	36.39	-103.89	1.78
150	150	881	SLU_ENV	Max	2.49	0.	0.	0.
150	150	896	SLU_ENV	Max	2.61	0.	0.	0.
150	150	897	SLU_ENV	Max	13.19	0.	0.	0.
150	150	882	SLU_ENV	Max	13.43	0.	0.	0.
150	150	881	SLU_ENV	Min	-3.44	0.	0.	0.
150	150	896	SLU_ENV	Min	-3.67	0.	0.	0.
150	150	897	SLU_ENV	Min	1.16	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
150	150	882	SLU_ENV	Min	1.03	0.	0.	0.
150	150	881	SLV_Ex		4.17	-25.09	-150.71	88.098
150	150	896	SLV_Ex		-0.1	-25.33	-151.1	-89.953
150	150	897	SLV_Ex		-0.34	-23.08	-150.65	-89.848
150	150	882	SLV_Ex		3.93	-22.85	-150.24	88.23
151	151	882	SLU_ENV	Max	6.36	0.	0.	0.
151	151	897	SLU_ENV	Max	7.19	0.	0.	0.
151	151	898	SLU_ENV	Max	3.63	0.	0.	0.
151	151	883	SLU_ENV	Max	2.81	0.	0.	0.
151	151	882	SLU_ENV	Min	0.85	0.	0.	0.
151	151	897	SLU_ENV	Min	1.08	0.	0.	0.
151	151	898	SLU_ENV	Min	0.76	0.	0.	0.
151	151	883	SLU_ENV	Min	0.54	0.	0.	0.
151	151	882	SLV_Ex		3.15	-20.56	-138.54	88.47
151	151	897	SLV_Ex		7.21	-21.61	-145.82	86.667
151	151	898	SLV_Ex		5.12	-14.65	-144.16	87.733
151	151	883	SLV_Ex		1.06	-13.45	-137.03	89.508
152	152	883	SLU_ENV	Max	2.52	0.	0.	0.
152	152	898	SLU_ENV	Max	3.18	0.	0.	0.
152	152	899	SLU_ENV	Max	3.06	0.	0.	0.
152	152	884	SLU_ENV	Max	2.4	0.	0.	0.
152	152	883	SLU_ENV	Min	0.4	0.	0.	0.
152	152	898	SLU_ENV	Min	0.6	0.	0.	0.
152	152	899	SLU_ENV	Min	0.6	0.	0.	0.
152	152	884	SLU_ENV	Min	0.4	0.	0.	0.
152	152	883	SLV_Ex		3.43	-11.77	-129.18	88.327
152	152	898	SLV_Ex		3.82	-12.06	-130.77	88.155
152	152	899	SLV_Ex		9.5	-8.2	-130.74	85.539
152	152	884	SLV_Ex		9.11	-7.94	-129.12	85.677
153	153	884	SLU_ENV	Max	1.86	0.	0.	0.
153	153	899	SLU_ENV	Max	1.07	0.	0.	0.
153	153	900	SLU_ENV	Max	0.14	0.	0.	0.
153	153	885	SLU_ENV	Max	0.65	0.	0.	0.
153	153	884	SLU_ENV	Min	0.36	0.	0.	0.
153	153	899	SLU_ENV	Min	0.18	0.	0.	0.
153	153	900	SLU_ENV	Min	-0.33	0.	0.	0.
153	153	885	SLU_ENV	Min	0.13	0.	0.	0.
153	153	884	SLV_Ex		8.9	-5.08	-115.07	85.345
153	153	899	SLV_Ex		11.82	-6.06	-122.85	84.161
153	153	900	SLV_Ex		6.73	-3.17	-121.29	86.728
153	153	885	SLV_Ex		3.81	-1.96	-113.73	88.048
154	154	885	SLU_ENV	Max	-0.13	0.	0.	0.
154	154	900	SLU_ENV	Max	0.33	0.	0.	0.
154	154	901	SLU_ENV	Max	-0.18	0.	0.	0.
154	154	886	SLU_ENV	Max	-0.36	0.	0.	0.
154	154	885	SLU_ENV	Min	-0.65	0.	0.	0.
154	154	900	SLU_ENV	Min	-0.13	0.	0.	0.
154	154	901	SLU_ENV	Min	-1.07	0.	0.	0.
154	154	886	SLU_ENV	Min	-1.86	0.	0.	0.
154	154	885	SLV_Ex		2.89	-0.27	-104.96	88.418
154	154	900	SLV_Ex		7.63	0.57	-103.68	85.794
154	154	901	SLV_Ex		11.2	7.35	-103.03	84.146
154	154	886	SLV_Ex		6.46	6.23	-104.03	86.634
155	155	886	SLU_ENV	Max	-0.4	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	901	SLU_ENV	Max	-0.6	0.	0.	0.
155	155	902	SLU_ENV	Max	-0.6	0.	0.	0.
155	155	887	SLU_ENV	Max	-0.4	0.	0.	0.
155	155	886	SLU_ENV	Min	-2.4	0.	0.	0.
155	155	901	SLU_ENV	Min	-3.06	0.	0.	0.
155	155	902	SLU_ENV	Min	-3.18	0.	0.	0.
155	155	887	SLU_ENV	Min	-2.52	0.	0.	0.
155	155	886	SLV_Ex		6.68	8.67	-92.18	86.193
155	155	901	SLV_Ex		6.18	8.5	-92.65	86.489
155	155	902	SLV_Ex		0.85	17.16	-90.47	89.546
155	155	887	SLV_Ex		1.35	17.27	-89.95	89.277
156	156	887	SLU_ENV	Max	-0.54	0.	0.	0.
156	156	902	SLU_ENV	Max	-0.76	0.	0.	0.
156	156	903	SLU_ENV	Max	-1.08	0.	0.	0.
156	156	888	SLU_ENV	Max	-0.85	0.	0.	0.
156	156	887	SLU_ENV	Min	-2.81	0.	0.	0.
156	156	902	SLU_ENV	Min	-3.63	0.	0.	0.
156	156	903	SLU_ENV	Min	-7.19	0.	0.	0.
156	156	888	SLU_ENV	Min	-6.36	0.	0.	0.
156	156	887	SLV_Ex		-1.97	18.44	-84.24	-88.9
156	156	902	SLV_Ex		1.1	19.12	-80.71	89.369
156	156	903	SLV_Ex		1.26	37.01	-77.13	89.368
156	156	888	SLV_Ex		-1.81	36.32	-80.65	-89.113
157	157	888	SLU_ENV	Max	-1.03	0.	0.	0.
157	157	903	SLU_ENV	Max	-1.16	0.	0.	0.
157	157	904	SLU_ENV	Max	3.68	0.	0.	0.
157	157	889	SLU_ENV	Max	3.44	0.	0.	0.
157	157	888	SLU_ENV	Min	-13.44	0.	0.	0.
157	157	903	SLU_ENV	Min	-13.19	0.	0.	0.
157	157	904	SLU_ENV	Min	-2.61	0.	0.	0.
157	157	889	SLU_ENV	Min	-2.49	0.	0.	0.
157	157	888	SLV_Ex		-1.03	37.5	-74.66	-89.475
157	157	903	SLV_Ex		-4.	37.79	-73.99	-87.95
157	157	904	SLV_Ex		-4.45	56.79	-70.21	-87.989
157	157	889	SLV_Ex		-1.48	56.5	-70.87	-89.332
158	158	57	SLU_ENV	Max	-0.43	0.	0.	0.
158	158	844	SLU_ENV	Max	30.32	0.	0.	0.
158	158	859	SLU_ENV	Max	33.13	0.	0.	0.
158	158	84	SLU_ENV	Max	-0.14	0.	0.	0.
158	158	57	SLU_ENV	Min	-26.96	0.	0.	0.
158	158	844	SLU_ENV	Min	-1.57	0.	0.	0.
158	158	859	SLU_ENV	Min	-0.86	0.	0.	0.
158	158	84	SLU_ENV	Min	-23.73	0.	0.	0.
158	158	57	SLV_Ex		3.69	36.31	-103.87	1.508
158	158	844	SLV_Ex		0.48	52.11	-100.59	0.178
158	158	859	SLV_Ex		9.920E-02	52.05	-100.9	0.037
158	158	84	SLV_Ex		3.31	36.23	-104.16	1.352
159	159	84	SLU_ENV	Max	-8.302E-02	0.	0.	0.
159	159	859	SLU_ENV	Max	29.88	0.	0.	0.
159	159	874	SLU_ENV	Max	32.3	0.	0.	0.
159	159	111	SLU_ENV	Max	0.19	0.	0.	0.
159	159	84	SLU_ENV	Min	-22.54	0.	0.	0.
159	159	859	SLU_ENV	Min	-0.72	0.	0.	0.
159	159	874	SLU_ENV	Min	4.993E-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
159	159	111	SLU_ENV	Min	-19.63	0.	0.	0.
159	159	84	SLV_Ex		3.84	36.07	-104.22	1.571
159	159	859	SLV_Ex		1.1	51.42	-101.03	0.412
159	159	874	SLV_Ex		0.48	51.36	-101.29	0.179
159	159	111	SLV_Ex		3.23	35.99	-104.45	1.316
160	160	111	SLU_ENV	Max	0.85	0.	0.	0.
160	160	874	SLU_ENV	Max	27.52	0.	0.	0.
160	160	889	SLU_ENV	Max	30.86	0.	0.	0.
160	160	164	SLU_ENV	Max	1.46	0.	0.	0.
160	160	111	SLU_ENV	Min	-17.61	0.	0.	0.
160	160	874	SLU_ENV	Min	-0.32	0.	0.	0.
160	160	889	SLU_ENV	Min	0.28	0.	0.	0.
160	160	164	SLU_ENV	Min	-14.27	0.	0.	0.
160	160	111	SLV_Ex		2.38	35.58	-104.49	0.974
160	160	874	SLV_Ex		1.76	51.45	-101.29	0.66
160	160	889	SLV_Ex		2.62	51.69	-100.25	0.989
160	160	164	SLV_Ex		3.24	35.83	-103.46	1.333
161	161	164	SLU_ENV	Max	1.62	0.	0.	0.
161	161	889	SLU_ENV	Max	24.4	0.	0.	0.
161	161	904	SLU_ENV	Max	29.85	0.	0.	0.
161	161	191	SLU_ENV	Max	4.62	0.	0.	0.
161	161	164	SLU_ENV	Min	-12.34	0.	0.	0.
161	161	889	SLU_ENV	Min	-1.02	0.	0.	0.
161	161	904	SLU_ENV	Min	0.77	0.	0.	0.
161	161	191	SLU_ENV	Min	-8.11	0.	0.	0.
161	161	164	SLV_Ex		4.32	36.58	-103.38	1.771
161	161	889	SLV_Ex		3.03	50.63	-100.48	1.149
161	161	904	SLV_Ex		1.33	50.94	-98.61	0.509
161	161	191	SLV_Ex		2.62	36.86	-101.47	1.086
162	162	191	SLU_ENV	Max	7.69	0.	0.	0.
162	162	904	SLU_ENV	Max	21.03	0.	0.	0.
162	162	919	SLU_ENV	Max	25.64	0.	0.	0.
162	162	218	SLU_ENV	Max	10.07	0.	0.	0.
162	162	191	SLU_ENV	Min	-5.15	0.	0.	0.
162	162	904	SLU_ENV	Min	-2.55	0.	0.	0.
162	162	919	SLU_ENV	Min	-0.17	0.	0.	0.
162	162	218	SLU_ENV	Min	-0.53	0.	0.	0.
162	162	191	SLV_Ex		1.39	33.63	-102.08	0.587
162	162	904	SLV_Ex		-0.72	54.71	-97.85	-0.27
162	162	919	SLV_Ex		3.65	56.12	-91.32	1.419
162	162	218	SLV_Ex		5.76	35.19	-95.7	2.525
163	163	218	SLU_ENV	Max	10.68	0.	0.	0.
163	163	919	SLU_ENV	Max	17.28	0.	0.	0.
163	163	934	SLU_ENV	Max	24.81	0.	0.	0.
163	163	245	SLU_ENV	Max	23.48	0.	0.	0.
163	163	218	SLU_ENV	Min	1.93	0.	0.	0.
163	163	919	SLU_ENV	Min	-9.31	0.	0.	0.
163	163	934	SLU_ENV	Min	1.26	0.	0.	0.
163	163	245	SLU_ENV	Min	7.22	0.	0.	0.
163	163	218	SLV_Ex		7.69	30.53	-96.89	3.467
163	163	919	SLV_Ex		-7.27	62.97	-90.25	-2.722
163	163	934	SLV_Ex		-8.61	64.4	-84.03	-3.329
163	163	245	SLV_Ex		6.36	31.67	-90.38	2.989
164	164	245	SLU_ENV	Max	38.74	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
164	164	934	SLU_ENV	Max	14.72	0.	0.	0.
164	164	949	SLU_ENV	Max	15.32	0.	0.	0.
164	164	272	SLU_ENV	Max	52.1	0.	0.	0.
164	164	245	SLU_ENV	Min	10.17	0.	0.	0.
164	164	934	SLU_ENV	Min	-20.43	0.	0.	0.
164	164	949	SLU_ENV	Min	-7.07	0.	0.	0.
164	164	272	SLU_ENV	Min	10.76	0.	0.	0.
164	164	245	SLV_Ex		7.89	-3.85	-97.88	4.833
164	164	934	SLV_Ex		-52.71	108.58	-92.5	-15.808
164	164	949	SLV_Ex		-20.15	102.77	-48.45	-7.73
164	164	272	SLV_Ex		40.45	20.84	-84.33	25.141
165	165	272	SLU_ENV	Max	41.73	0.	0.	0.
165	165	949	SLU_ENV	Max	15.17	0.	0.	0.
165	165	964	SLU_ENV	Max	8.73	0.	0.	0.
165	165	299	SLU_ENV	Max	33.72	0.	0.	0.
165	165	272	SLU_ENV	Min	4.17	0.	0.	0.
165	165	949	SLU_ENV	Min	-1.3	0.	0.	0.
165	165	964	SLU_ENV	Min	-7.4	0.	0.	0.
165	165	299	SLU_ENV	Min	-0.36	0.	0.	0.
165	165	272	SLV_Ex		71.47	46.83	-110.94	32.477
165	165	949	SLV_Ex		-88.76	135.44	-90.38	-25.913
165	165	964	SLV_Ex		-45.62	52.74	-283.	-7.884
165	165	299	SLV_Ex		114.61	1.932E-03	-339.42	21.24
166	166	896	SLU_ENV	Max	2.97	0.	0.	0.
166	166	911	SLU_ENV	Max	5.49	0.	0.	0.
166	166	912	SLU_ENV	Max	14.58	0.	0.	0.
166	166	897	SLU_ENV	Max	12.8	0.	0.	0.
166	166	896	SLU_ENV	Min	-0.8	0.	0.	0.
166	166	911	SLU_ENV	Min	-0.73	0.	0.	0.
166	166	912	SLU_ENV	Min	2.	0.	0.	0.
166	166	897	SLU_ENV	Min	1.18	0.	0.	0.
166	166	896	SLV_Ex		3.29	-23.83	-150.9	88.515
166	166	911	SLV_Ex		8.79	-25.29	-161.12	86.281
166	166	912	SLV_Ex		1.56	-19.06	-159.21	89.362
166	166	897	SLV_Ex		-3.94	-17.02	-149.57	-88.296
167	167	897	SLU_ENV	Max	6.79	0.	0.	0.
167	167	912	SLU_ENV	Max	6.34	0.	0.	0.
167	167	913	SLU_ENV	Max	4.81	0.	0.	0.
167	167	898	SLU_ENV	Max	5.26	0.	0.	0.
167	167	897	SLU_ENV	Min	1.1	0.	0.	0.
167	167	912	SLU_ENV	Min	1.03	0.	0.	0.
167	167	913	SLU_ENV	Min	1.14	0.	0.	0.
167	167	898	SLU_ENV	Min	1.21	0.	0.	0.
167	167	897	SLV_Ex		3.61	-15.98	-144.31	88.389
167	167	912	SLV_Ex		-2.13	-16.69	-147.46	-89.066
167	167	913	SLV_Ex		6.15	-11.18	-146.65	87.395
167	167	898	SLV_Ex		11.89	-9.76	-144.21	84.907
168	168	898	SLU_ENV	Max	4.81	0.	0.	0.
168	168	913	SLU_ENV	Max	4.58	0.	0.	0.
168	168	914	SLU_ENV	Max	2.03	0.	0.	0.
168	168	899	SLU_ENV	Max	2.26	0.	0.	0.
168	168	898	SLU_ENV	Min	1.05	0.	0.	0.
168	168	913	SLU_ENV	Min	1.11	0.	0.	0.
168	168	914	SLU_ENV	Min	0.5	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
168	168	899	SLU_ENV	Min	0.45	0.	0.	0.
168	168	898	SLV_Ex		10.59	-7.24	-130.76	85.063
168	168	913	SLV_Ex		14.46	-10.01	-148.28	83.965
168	168	914	SLV_Ex		9.51	-5.	-146.22	86.131
168	168	899	SLV_Ex		5.64	-2.01	-128.91	87.451
169	169	899	SLU_ENV	Max	0.64	0.	0.	0.
169	169	914	SLU_ENV	Max	2.94	0.	0.	0.
169	169	915	SLU_ENV	Max	2.52	0.	0.	0.
169	169	900	SLU_ENV	Max	0.13	0.	0.	0.
169	169	899	SLU_ENV	Min	-0.36	0.	0.	0.
169	169	914	SLU_ENV	Min	0.74	0.	0.	0.
169	169	915	SLU_ENV	Min	0.67	0.	0.	0.
169	169	900	SLU_ENV	Min	-0.34	0.	0.	0.
169	169	899	SLV_Ex		7.96	-6.759E-02	-120.84	86.214
169	169	914	SLV_Ex		13.6	0.15	-125.52	83.748
169	169	915	SLV_Ex		22.42	0.58	-128.47	79.833
169	169	900	SLV_Ex		16.78	-0.36	-123.07	82.066
170	170	900	SLU_ENV	Max	0.33	0.	0.	0.
170	170	915	SLU_ENV	Max	-0.67	0.	0.	0.
170	170	916	SLU_ENV	Max	-0.74	0.	0.	0.
170	170	901	SLU_ENV	Max	0.36	0.	0.	0.
170	170	900	SLU_ENV	Min	-0.13	0.	0.	0.
170	170	915	SLU_ENV	Min	-2.52	0.	0.	0.
170	170	916	SLU_ENV	Min	-2.94	0.	0.	0.
170	170	901	SLU_ENV	Min	-0.64	0.	0.	0.
170	170	900	SLV_Ex		17.67	3.79	-105.87	80.6
170	170	915	SLV_Ex		19.92	3.14	-112.73	79.946
170	170	916	SLV_Ex		11.81	-1.46	-110.96	83.773
170	170	901	SLV_Ex		9.56	-0.6	-104.31	84.687
171	171	901	SLU_ENV	Max	-0.45	0.	0.	0.
171	171	916	SLU_ENV	Max	-0.5	0.	0.	0.
171	171	917	SLU_ENV	Max	-1.11	0.	0.	0.
171	171	902	SLU_ENV	Max	-1.05	0.	0.	0.
171	171	901	SLU_ENV	Min	-2.26	0.	0.	0.
171	171	916	SLU_ENV	Min	-2.03	0.	0.	0.
171	171	917	SLU_ENV	Min	-4.58	0.	0.	0.
171	171	902	SLU_ENV	Min	-4.81	0.	0.	0.
171	171	901	SLV_Ex		4.54	0.65	-94.03	87.246
171	171	916	SLV_Ex		11.64	2.84	-90.6	82.789
171	171	917	SLV_Ex		12.29	13.84	-88.43	83.049
171	171	902	SLV_Ex		5.19	11.67	-91.88	87.121
172	172	902	SLU_ENV	Max	-1.21	0.	0.	0.
172	172	917	SLU_ENV	Max	-1.14	0.	0.	0.
172	172	918	SLU_ENV	Max	-1.03	0.	0.	0.
172	172	903	SLU_ENV	Max	-1.1	0.	0.	0.
172	172	902	SLU_ENV	Min	-5.26	0.	0.	0.
172	172	917	SLU_ENV	Min	-4.81	0.	0.	0.
172	172	918	SLU_ENV	Min	-6.34	0.	0.	0.
172	172	903	SLU_ENV	Min	-6.79	0.	0.	0.
172	172	902	SLV_Ex		5.44	13.67	-82.15	86.74
172	172	917	SLV_Ex		1.28	13.63	-80.61	89.22
172	172	918	SLV_Ex		-4.35	30.48	-77.43	-87.689
172	172	903	SLV_Ex		-0.19	30.06	-78.51	-89.9
173	173	903	SLU_ENV	Max	-1.18	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
173	173	918	SLU_ENV	Max	-2.	0.	0.	0.
173	173	919	SLU_ENV	Max	0.73	0.	0.	0.
173	173	904	SLU_ENV	Max	0.8	0.	0.	0.
173	173	903	SLU_ENV	Min	-12.8	0.	0.	0.
173	173	918	SLU_ENV	Min	-14.58	0.	0.	0.
173	173	919	SLU_ENV	Min	-5.49	0.	0.	0.
173	173	904	SLU_ENV	Min	-2.97	0.	0.	0.
173	173	903	SLV_Ex		-5.45	30.99	-75.52	-87.066
173	173	918	SLV_Ex		-0.84	31.31	-72.27	-89.537
173	173	919	SLV_Ex		-2.55	61.07	-66.37	-88.855
173	173	904	SLV_Ex		-7.15	60.81	-69.69	-86.853
180	180	750	SLU_ENV	Max	22.57	0.	0.	0.
180	180	749	SLU_ENV	Max	77.35	0.	0.	0.
180	180	733	SLU_ENV	Max	73.43	0.	0.	0.
180	180	734	SLU_ENV	Max	18.65	0.	0.	0.
180	180	750	SLU_ENV	Min	8.95	0.	0.	0.
180	180	749	SLU_ENV	Min	18.42	0.	0.	0.
180	180	733	SLU_ENV	Min	18.28	0.	0.	0.
180	180	734	SLU_ENV	Min	8.81	0.	0.	0.
180	180	750	SLV_Ex		22.89	-55.32	-626.45	2.299
180	180	749	SLV_Ex		131.45	-30.08	-655.08	12.437
180	180	733	SLV_Ex		89.96	23.55	-351.08	14.352
180	180	734	SLV_Ex		-18.59	4.41	-328.54	-3.207
181	181	734	SLU_ENV	Max	12.12	0.	0.	0.
181	181	733	SLU_ENV	Max	80.99	0.	0.	0.
181	181	717	SLU_ENV	Max	61.42	0.	0.	0.
181	181	718	SLU_ENV	Max	1.49	0.	0.	0.
181	181	734	SLU_ENV	Min	0.68	0.	0.	0.
181	181	733	SLU_ENV	Min	21.55	0.	0.	0.
181	181	717	SLU_ENV	Min	17.78	0.	0.	0.
181	181	718	SLU_ENV	Min	-12.04	0.	0.	0.
181	181	734	SLV_Ex		11.92	3.39	-328.01	2.063
181	181	733	SLV_Ex		70.58	-25.18	-352.41	12.777
181	181	717	SLV_Ex		24.12	-43.45	-358.88	4.399
181	181	718	SLV_Ex		-34.53	2.24	-351.6	-5.628
182	182	911	SLU_ENV	Max	3.9	0.	0.	0.
182	182	926	SLU_ENV	Max	2.67	0.	0.	0.
182	182	927	SLU_ENV	Max	13.93	0.	0.	0.
182	182	912	SLU_ENV	Max	16.15	0.	0.	0.
182	182	911	SLU_ENV	Min	0.79	0.	0.	0.
182	182	926	SLU_ENV	Min	-9.547E-03	0.	0.	0.
182	182	927	SLU_ENV	Min	2.75	0.	0.	0.
182	182	912	SLU_ENV	Min	2.56	0.	0.	0.
182	182	911	SLV_Ex		8.47	-26.26	-161.27	86.397
182	182	926	SLV_Ex		-6.61	-26.82	-162.78	-87.209
182	182	927	SLV_Ex		-10.3	-16.39	-161.19	-85.912
182	182	912	SLV_Ex		4.78	-16.62	-158.89	88.072
183	183	912	SLU_ENV	Max	7.92	0.	0.	0.
183	183	927	SLU_ENV	Max	10.56	0.	0.	0.
183	183	928	SLU_ENV	Max	4.94	0.	0.	0.
183	183	913	SLU_ENV	Max	2.29	0.	0.	0.
183	183	912	SLU_ENV	Min	1.59	0.	0.	0.
183	183	927	SLU_ENV	Min	2.53	0.	0.	0.
183	183	928	SLU_ENV	Min	1.57	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
183	183	913	SLU_ENV	Min	0.63	0.	0.	0.
183	183	912	SLV_Ex		1.09	-14.42	-146.97	89.528
183	183	927	SLV_Ex		9.2	-21.2	-183.95	86.754
183	183	928	SLV_Ex		4.92	1.94	-178.85	88.439
183	183	913	SLV_Ex		-3.19	9.16	-142.32	-88.795
184	184	913	SLU_ENV	Max	2.06	0.	0.	0.
184	184	928	SLU_ENV	Max	7.13	0.	0.	0.
184	184	929	SLU_ENV	Max	10.59	0.	0.	0.
184	184	914	SLU_ENV	Max	5.52	0.	0.	0.
184	184	913	SLU_ENV	Min	0.6	0.	0.	0.
184	184	928	SLU_ENV	Min	1.99	0.	0.	0.
184	184	929	SLU_ENV	Min	2.88	0.	0.	0.
184	184	914	SLU_ENV	Min	1.5	0.	0.	0.
184	184	913	SLV_Ex		5.12	9.19	-142.82	88.068
184	184	928	SLV_Ex		12.94	9.82	-145.14	85.193
184	184	929	SLV_Ex		31.47	6.79	-152.23	78.342
184	184	914	SLV_Ex		23.65	4.34	-148.1	80.96
185	185	914	SLU_ENV	Max	6.43	0.	0.	0.
185	185	929	SLU_ENV	Max	2.5	0.	0.	0.
185	185	930	SLU_ENV	Max	-0.24	0.	0.	0.
185	185	915	SLU_ENV	Max	2.52	0.	0.	0.
185	185	914	SLU_ENV	Min	1.73	0.	0.	0.
185	185	929	SLU_ENV	Min	0.72	0.	0.	0.
185	185	930	SLU_ENV	Min	-1.52	0.	0.	0.
185	185	915	SLU_ENV	Min	0.67	0.	0.	0.
185	185	914	SLV_Ex		27.75	10.66	-128.56	78.252
185	185	929	SLV_Ex		26.9	8.24	-136.99	79.131
185	185	930	SLV_Ex		19.08	-2.9	-136.36	81.695
185	185	915	SLV_Ex		19.93	-0.66	-127.74	80.859
186	186	915	SLU_ENV	Max	-0.67	0.	0.	0.
186	186	930	SLU_ENV	Max	1.52	0.	0.	0.
186	186	931	SLU_ENV	Max	-0.72	0.	0.	0.
186	186	916	SLU_ENV	Max	-1.73	0.	0.	0.
186	186	915	SLU_ENV	Min	-2.52	0.	0.	0.
186	186	930	SLU_ENV	Min	0.24	0.	0.	0.
186	186	931	SLU_ENV	Min	-2.5	0.	0.	0.
186	186	916	SLU_ENV	Min	-6.43	0.	0.	0.
186	186	915	SLV_Ex		17.43	1.91	-112.02	81.093
186	186	930	SLV_Ex		23.32	1.88	-122.91	79.028
186	186	931	SLV_Ex		29.2	1.12	-126.15	76.345
186	186	916	SLV_Ex		23.31	0.75	-114.86	78.112
187	187	916	SLU_ENV	Max	-1.5	0.	0.	0.
187	187	931	SLU_ENV	Max	-2.89	0.	0.	0.
187	187	932	SLU_ENV	Max	-1.99	0.	0.	0.
187	187	917	SLU_ENV	Max	-0.6	0.	0.	0.
187	187	916	SLU_ENV	Min	-5.52	0.	0.	0.
187	187	931	SLU_ENV	Min	-10.59	0.	0.	0.
187	187	932	SLU_ENV	Min	-7.13	0.	0.	0.
187	187	917	SLU_ENV	Min	-2.06	0.	0.	0.
187	187	916	SLV_Ex		23.13	5.59	-95.04	76.315
187	187	931	SLV_Ex		26.44	3.76	-109.63	76.1
187	187	932	SLV_Ex		14.05	-7.17	-106.4	81.777
187	187	917	SLV_Ex		10.74	-5.12	-92.04	82.849
188	188	917	SLU_ENV	Max	-0.63	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
188	188	932	SLU_ENV	Max	-1.57	0.	0.	0.
188	188	933	SLU_ENV	Max	-2.53	0.	0.	0.
188	188	918	SLU_ENV	Max	-1.59	0.	0.	0.
188	188	917	SLU_ENV	Min	-2.29	0.	0.	0.
188	188	932	SLU_ENV	Min	-4.93	0.	0.	0.
188	188	933	SLU_ENV	Min	-10.56	0.	0.	0.
188	188	918	SLU_ENV	Min	-7.92	0.	0.	0.
188	188	917	SLV_Ex		-0.27	-5.2	-84.35	-89.806
188	188	932	SLV_Ex		10.97	-1.54	-75.99	81.427
188	188	933	SLV_Ex		7.64	25.19	-69.4	85.35
188	188	918	SLV_Ex		-3.6	22.69	-78.93	-87.969
189	189	918	SLU_ENV	Max	-2.56	0.	0.	0.
189	189	933	SLU_ENV	Max	-2.75	0.	0.	0.
189	189	934	SLU_ENV	Max	1.172E-02	0.	0.	0.
189	189	919	SLU_ENV	Max	-0.79	0.	0.	0.
189	189	918	SLU_ENV	Min	-16.15	0.	0.	0.
189	189	933	SLU_ENV	Min	-13.93	0.	0.	0.
189	189	934	SLU_ENV	Min	-2.67	0.	0.	0.
189	189	919	SLU_ENV	Min	-3.9	0.	0.	0.
189	189	918	SLV_Ex		-8.851E-02	23.56	-73.81	-89.948
189	189	933	SLV_Ex		-1.78	23.51	-74.26	-88.958
189	189	934	SLV_Ex		-13.4	68.86	-66.76	-84.303
189	189	919	SLV_Ex		-11.71	68.63	-66.03	-84.994
190	190	718	SLU_ENV	Max	13.99	0.	0.	0.
190	190	717	SLU_ENV	Max	45.04	0.	0.	0.
190	190	330	SLU_ENV	Max	29.36	0.	0.	0.
190	190	331	SLU_ENV	Max	3.93	0.	0.	0.
190	190	718	SLU_ENV	Min	-2.941E-02	0.	0.	0.
190	190	717	SLU_ENV	Min	13.56	0.	0.	0.
190	190	330	SLU_ENV	Min	9.06	0.	0.	0.
190	190	331	SLU_ENV	Min	-10.16	0.	0.	0.
190	190	718	SLV_Ex		1.63	3.11	-347.35	0.267
190	190	717	SLV_Ex		10.74	-17.04	-351.78	1.84
190	190	330	SLV_Ex		6.55	-20.17	-366.12	1.085
190	190	331	SLV_Ex		-2.56	0.21	-361.92	-0.405
191	191	331	SLU_ENV	Max	9.82	0.	0.	0.
191	191	330	SLU_ENV	Max	24.22	0.	0.	0.
191	191	348	SLU_ENV	Max	14.8	0.	0.	0.
191	191	349	SLU_ENV	Max	3.94	0.	0.	0.
191	191	331	SLU_ENV	Min	-5.01	0.	0.	0.
191	191	330	SLU_ENV	Min	7.96	0.	0.	0.
191	191	348	SLU_ENV	Min	5.71	0.	0.	0.
191	191	349	SLU_ENV	Min	-10.79	0.	0.	0.
191	191	331	SLV_Ex		7.22	9.63	-360.18	1.119
191	191	330	SLV_Ex		2.54	-9.93	-363.95	0.41
191	191	348	SLV_Ex		-3.59	-12.29	-375.85	-0.566
191	191	349	SLV_Ex		1.1	7.12	-371.93	0.166
192	192	349	SLU_ENV	Max	6.4	0.	0.	0.
192	192	348	SLU_ENV	Max	10.22	0.	0.	0.
192	192	366	SLU_ENV	Max	6.86	0.	0.	0.
192	192	367	SLU_ENV	Max	3.03	0.	0.	0.
192	192	349	SLU_ENV	Min	-8.58	0.	0.	0.
192	192	348	SLU_ENV	Min	3.53	0.	0.	0.
192	192	366	SLU_ENV	Min	1.13	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
192	192	367	SLU_ENV	Min	-10.97	0.	0.	0.
192	192	349	SLV_Ex		2.16	8.52	-371.66	0.326
192	192	348	SLV_Ex		-4.29	-3.35	-374.08	-0.663
192	192	366	SLV_Ex		-2.54	-4.75	-380.87	-0.387
192	192	367	SLV_Ex		3.92	7.19	-378.51	0.582
193	193	367	SLU_ENV	Max	4.04	0.	0.	0.
193	193	366	SLU_ENV	Max	4.92	0.	0.	0.
193	193	384	SLU_ENV	Max	2.67	0.	0.	0.
193	193	385	SLU_ENV	Max	1.78	0.	0.	0.
193	193	367	SLU_ENV	Min	-10.19	0.	0.	0.
193	193	366	SLU_ENV	Min	-0.1	0.	0.	0.
193	193	384	SLU_ENV	Min	-1.41	0.	0.	0.
193	193	385	SLU_ENV	Min	-11.49	0.	0.	0.
193	193	367	SLV_Ex		2.74	11.19	-377.68	0.403
193	193	366	SLV_Ex		-4.43	-3.19	-380.6	-0.672
193	193	384	SLV_Ex		-5.65	-3.84	-384.04	-0.852
193	193	385	SLV_Ex		1.51	10.5	-381.08	0.221
194	194	385	SLU_ENV	Max	1.87	0.	0.	0.
194	194	384	SLU_ENV	Max	1.61	0.	0.	0.
194	194	402	SLU_ENV	Max	0.19	0.	0.	0.
194	194	403	SLU_ENV	Max	0.45	0.	0.	0.
194	194	385	SLU_ENV	Min	-11.41	0.	0.	0.
194	194	384	SLU_ENV	Min	-1.41	0.	0.	0.
194	194	402	SLU_ENV	Min	-1.26	0.	0.	0.
194	194	403	SLU_ENV	Min	-11.26	0.	0.	0.
194	194	385	SLV_Ex		-0.31	11.33	-380.91	-0.045
194	194	384	SLV_Ex		-5.07	-2.69	-383.79	-0.762
194	194	402	SLV_Ex		-4.63	-2.98	-385.17	-0.694
194	194	403	SLV_Ex		0.13	11.06	-382.3	0.019
195	195	403	SLU_ENV	Max	0.31	0.	0.	0.
195	195	402	SLU_ENV	Max	-0.21	0.	0.	0.
195	195	420	SLU_ENV	Max	-0.7	0.	0.	0.
195	195	421	SLU_ENV	Max	-0.41	0.	0.	0.
195	195	403	SLU_ENV	Min	-11.26	0.	0.	0.
195	195	402	SLU_ENV	Min	-1.74	0.	0.	0.
195	195	420	SLU_ENV	Min	-2.21	0.	0.	0.
195	195	421	SLU_ENV	Min	-11.49	0.	0.	0.
195	195	403	SLV_Ex		-1.56	10.9	-382.33	-0.227
195	195	402	SLV_Ex		-5.8	-2.71	-385.15	-0.869
195	195	420	SLV_Ex		-4.94	-2.96	-386.26	-0.738
195	195	421	SLV_Ex		-0.69	10.67	-383.46	-0.101
196	196	421	SLU_ENV	Max	-0.43	0.	0.	0.
196	196	420	SLU_ENV	Max	-0.12	0.	0.	0.
196	196	438	SLU_ENV	Max	0.21	0.	0.	0.
196	196	439	SLU_ENV	Max	-1.07	0.	0.	0.
196	196	421	SLU_ENV	Min	-11.45	0.	0.	0.
196	196	420	SLU_ENV	Min	-2.91	0.	0.	0.
196	196	438	SLU_ENV	Min	-4.7	0.	0.	0.
196	196	439	SLU_ENV	Min	-12.26	0.	0.	0.
196	196	421	SLV_Ex		-2.53	10.33	-383.54	-0.367
196	196	420	SLV_Ex		-3.99	-3.86	-386.41	-0.598
196	196	438	SLV_Ex		-5.19	-3.73	-385.95	-0.779
196	196	439	SLV_Ex		-3.73	10.45	-383.07	-0.543
197	197	439	SLU_ENV	Max	-0.85	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
197	197	438	SLU_ENV	Max	0.54	0.	0.	0.
197	197	456	SLU_ENV	Max	0.36	0.	0.	0.
197	197	457	SLU_ENV	Max	-1.84	0.	0.	0.
197	197	439	SLU_ENV	Min	-11.58	0.	0.	0.
197	197	438	SLU_ENV	Min	-6.04	0.	0.	0.
197	197	456	SLU_ENV	Min	-8.08	0.	0.	0.
197	197	457	SLU_ENV	Min	-12.79	0.	0.	0.
197	197	439	SLV_Ex		-5.35	7.16	-383.78	-0.784
197	197	438	SLV_Ex		-6.53	-3.65	-385.98	-0.979
197	197	456	SLV_Ex		-2.94	-3.14	-382.94	-0.443
197	197	457	SLV_Ex		-1.75	7.69	-380.75	-0.258
198	198	926	SLU_ENV	Max	-3.14	0.	0.	0.
198	198	941	SLU_ENV	Max	7.29	0.	0.	0.
198	198	942	SLU_ENV	Max	34.83	0.	0.	0.
198	198	927	SLU_ENV	Max	11.31	0.	0.	0.
198	198	926	SLU_ENV	Min	-19.74	0.	0.	0.
198	198	941	SLU_ENV	Min	1.31	0.	0.	0.
198	198	942	SLU_ENV	Min	10.75	0.	0.	0.
198	198	927	SLU_ENV	Min	2.78	0.	0.	0.
198	198	926	SLV_Ex		-41.23	-59.02	-186.92	-69.924
198	198	941	SLV_Ex		6.68	-90.78	-256.91	87.694
198	198	942	SLV_Ex		23.72	17.13	-237.68	84.636
198	198	927	SLV_Ex		-24.2	35.01	-153.81	-82.574
199	199	927	SLU_ENV	Max	7.95	0.	0.	0.
199	199	942	SLU_ENV	Max	14.94	0.	0.	0.
199	199	943	SLU_ENV	Max	23.04	0.	0.	0.
199	199	928	SLU_ENV	Max	16.05	0.	0.	0.
199	199	927	SLU_ENV	Min	2.55	0.	0.	0.
199	199	942	SLU_ENV	Min	4.27	0.	0.	0.
199	199	943	SLU_ENV	Min	6.37	0.	0.	0.
199	199	928	SLU_ENV	Min	4.65	0.	0.	0.
199	199	927	SLV_Ex		-4.7	27.38	-173.74	-88.659
199	199	942	SLV_Ex		9.53	35.01	-138.08	86.837
199	199	943	SLV_Ex		46.64	27.52	-154.38	74.575
199	199	928	SLV_Ex		32.4	12.95	-183.1	80.349
200	200	928	SLU_ENV	Max	18.24	0.	0.	0.
200	200	943	SLU_ENV	Max	10.4	0.	0.	0.
200	200	944	SLU_ENV	Max	0.68	0.	0.	0.
200	200	929	SLU_ENV	Max	7.98	0.	0.	0.
200	200	928	SLU_ENV	Min	5.07	0.	0.	0.
200	200	943	SLU_ENV	Min	2.99	0.	0.	0.
200	200	944	SLU_ENV	Min	-0.44	0.	0.	0.
200	200	929	SLU_ENV	Min	2.19	0.	0.	0.
200	200	928	SLV_Ex		40.42	24.15	-152.7	76.4
200	200	943	SLV_Ex		29.9	22.86	-135.63	78.917
200	200	944	SLV_Ex		13.2	1.4	-134.44	84.398
200	200	929	SLV_Ex		23.72	1.29	-150.11	80.87
201	201	929	SLU_ENV	Max	0.43	0.	0.	0.
201	201	944	SLU_ENV	Max	5.98	0.	0.	0.
201	201	945	SLU_ENV	Max	4.69	0.	0.	0.
201	201	930	SLU_ENV	Max	-0.24	0.	0.	0.
201	201	929	SLU_ENV	Min	-0.52	0.	0.	0.
201	201	944	SLU_ENV	Min	1.65	0.	0.	0.
201	201	945	SLU_ENV	Min	1.27	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
201	201	930	SLU_ENV	Min	-1.52	0.	0.	0.
201	201	929	SLV_Ex		19.14	2.97	-135.1	81.95
201	201	944	SLV_Ex		21.68	3.4	-137.24	81.022
201	201	945	SLV_Ex		29.41	6.02	-140.03	78.123
201	201	930	SLV_Ex		26.88	5.36	-137.66	78.961
202	202	930	SLU_ENV	Max	1.52	0.	0.	0.
202	202	945	SLU_ENV	Max	-1.27	0.	0.	0.
202	202	946	SLU_ENV	Max	-1.65	0.	0.	0.
202	202	931	SLU_ENV	Max	0.52	0.	0.	0.
202	202	930	SLU_ENV	Min	0.24	0.	0.	0.
202	202	945	SLU_ENV	Min	-4.69	0.	0.	0.
202	202	946	SLU_ENV	Min	-5.98	0.	0.	0.
202	202	931	SLU_ENV	Min	-0.43	0.	0.	0.
202	202	930	SLV_Ex		31.12	10.73	-124.8	76.331
202	202	945	SLV_Ex		24.37	3.02	-143.02	80.254
202	202	946	SLV_Ex		19.85	-5.71	-143.26	81.614
202	202	931	SLV_Ex		26.6	1.57	-124.61	77.531
203	203	931	SLU_ENV	Max	-2.19	0.	0.	0.
203	203	946	SLU_ENV	Max	0.44	0.	0.	0.
203	203	947	SLU_ENV	Max	-2.99	0.	0.	0.
203	203	932	SLU_ENV	Max	-5.07	0.	0.	0.
203	203	931	SLU_ENV	Min	-7.98	0.	0.	0.
203	203	946	SLU_ENV	Min	-0.68	0.	0.	0.
203	203	947	SLU_ENV	Min	-10.4	0.	0.	0.
203	203	932	SLU_ENV	Min	-18.24	0.	0.	0.
203	203	931	SLV_Ex		23.85	4.2	-108.07	77.43
203	203	946	SLV_Ex		24.18	-4.52	-145.41	79.965
203	203	947	SLV_Ex		32.07	-7.51	-150.03	76.628
203	203	932	SLV_Ex		31.73	2.04	-113.52	73.341
204	204	932	SLU_ENV	Max	-4.65	0.	0.	0.
204	204	947	SLU_ENV	Max	-6.37	0.	0.	0.
204	204	948	SLU_ENV	Max	-4.27	0.	0.	0.
204	204	933	SLU_ENV	Max	-2.55	0.	0.	0.
204	204	932	SLU_ENV	Min	-16.05	0.	0.	0.
204	204	947	SLU_ENV	Min	-23.04	0.	0.	0.
204	204	948	SLU_ENV	Min	-14.94	0.	0.	0.
204	204	933	SLU_ENV	Min	-7.94	0.	0.	0.
204	204	932	SLV_Ex		28.66	8.51	-83.94	70.839
204	204	947	SLV_Ex		33.3	-3.61	-137.84	75.127
204	204	948	SLV_Ex		18.15	-22.83	-134.7	80.535
204	204	933	SLV_Ex		13.51	-12.03	-79.49	78.194
205	205	933	SLU_ENV	Max	-2.78	0.	0.	0.
205	205	948	SLU_ENV	Max	-10.74	0.	0.	0.
205	205	949	SLU_ENV	Max	-1.31	0.	0.	0.
205	205	934	SLU_ENV	Max	19.73	0.	0.	0.
205	205	933	SLU_ENV	Min	-11.31	0.	0.	0.
205	205	948	SLU_ENV	Min	-34.83	0.	0.	0.
205	205	949	SLU_ENV	Min	-7.3	0.	0.	0.
205	205	934	SLU_ENV	Min	3.14	0.	0.	0.
205	205	933	SLV_Ex		4.09	-15.69	-82.37	86.477
205	205	948	SLV_Ex		42.38	11.4	-87.95	60.725
205	205	949	SLV_Ex		-18.42	103.21	-43.89	-82.75
205	205	934	SLV_Ex		-56.7	115.64	-77.83	-72.058
206	206	457	SLU_ENV	Max	-0.9	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
206	206	456	SLU_ENV	Max	0.18	0.	0.	0.
206	206	474	SLU_ENV	Max	-1.07	0.	0.	0.
206	206	475	SLU_ENV	Max	-2.84	0.	0.	0.
206	206	457	SLU_ENV	Min	-10.58	0.	0.	0.
206	206	456	SLU_ENV	Min	-10.21	0.	0.	0.
206	206	474	SLU_ENV	Min	-15.32	0.	0.	0.
206	206	475	SLU_ENV	Min	-15.	0.	0.	0.
206	206	457	SLV_Ex		-1.48	7.85	-380.72	-0.218
206	206	456	SLV_Ex		-1.58	-10.66	-384.42	-0.243
206	206	474	SLV_Ex		-6.63	-8.46	-374.11	-1.039
206	206	475	SLV_Ex		-6.52	10.04	-370.4	-0.983
207	207	475	SLU_ENV	Max	-0.45	0.	0.	0.
207	207	474	SLU_ENV	Max	-1.89	0.	0.	0.
207	207	492	SLU_ENV	Max	-4.85	0.	0.	0.
207	207	493	SLU_ENV	Max	-4.88	0.	0.	0.
207	207	475	SLU_ENV	Min	-9.62	0.	0.	0.
207	207	474	SLU_ENV	Min	-18.64	0.	0.	0.
207	207	492	SLU_ENV	Min	-28.57	0.	0.	0.
207	207	493	SLU_ENV	Min	-18.07	0.	0.	0.
207	207	475	SLV_Ex		0.96	0.62	-372.15	0.147
207	207	474	SLV_Ex		-9.85	-17.22	-376.04	-1.573
207	207	492	SLV_Ex		-11.03	-13.82	-359.52	-1.829
207	207	493	SLV_Ex		-0.22	3.94	-355.54	-0.035
208	208	493	SLU_ENV	Max	1.82	0.	0.	0.
208	208	492	SLU_ENV	Max	-8.	0.	0.	0.
208	208	510	SLU_ENV	Max	-11.4	0.	0.	0.
208	208	511	SLU_ENV	Max	-4.67	0.	0.	0.
208	208	493	SLU_ENV	Min	-8.4	0.	0.	0.
208	208	492	SLU_ENV	Min	-40.35	0.	0.	0.
208	208	510	SLU_ENV	Min	-53.49	0.	0.	0.
208	208	511	SLU_ENV	Min	-18.44	0.	0.	0.
208	208	493	SLV_Ex		34.18	2.01	-359.84	5.445
208	208	492	SLV_Ex		-23.45	-43.51	-367.09	-4.168
208	208	510	SLV_Ex		-69.57	-24.88	-355.74	-12.435
208	208	511	SLV_Ex		-11.94	4.17	-332.03	-2.037
209	209	511	SLU_ENV	Max	-7.97	0.	0.	0.
209	209	510	SLU_ENV	Max	-9.54	0.	0.	0.
209	209	528	SLU_ENV	Max	-10.37	0.	0.	0.
209	209	529	SLU_ENV	Max	-8.78	0.	0.	0.
209	209	511	SLU_ENV	Min	-18.9	0.	0.	0.
209	209	510	SLU_ENV	Min	-47.95	0.	0.	0.
209	209	528	SLU_ENV	Min	-51.21	0.	0.	0.
209	209	529	SLU_ENV	Min	-22.18	0.	0.	0.
209	209	511	SLV_Ex		23.6	5.23	-333.29	4.008
209	209	510	SLV_Ex		-93.37	24.65	-356.73	-14.659
209	209	528	SLV_Ex		-136.43	-28.77	-662.5	-12.751
209	209	529	SLV_Ex		-19.45	-55.63	-631.62	-1.936
210	210	749	SLU_ENV	Max	22.64	0.	0.	0.
210	210	748	SLU_ENV	Max	3.19	0.	0.	0.
210	210	732	SLU_ENV	Max	7.99	0.	0.	0.
210	210	733	SLU_ENV	Max	27.43	0.	0.	0.
210	210	749	SLU_ENV	Min	5.08	0.	0.	0.
210	210	748	SLU_ENV	Min	0.5	0.	0.	0.
210	210	732	SLU_ENV	Min	2.36	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
210	210	733	SLU_ENV	Min	6.94	0.	0.	0.
210	210	749	SLV_Ex		40.72	-15.76	-433.58	5.62
210	210	748	SLV_Ex		7.32	-15.29	-428.83	1.015
210	210	732	SLV_Ex		18.86	-5.12	-382.9	2.865
210	210	733	SLV_Ex		52.26	-3.23	-390.02	7.839
211	211	733	SLU_ENV	Max	34.99	0.	0.	0.
211	211	732	SLU_ENV	Max	17.08	0.	0.	0.
211	211	716	SLU_ENV	Max	24.78	0.	0.	0.
211	211	717	SLU_ENV	Max	42.7	0.	0.	0.
211	211	733	SLU_ENV	Min	10.21	0.	0.	0.
211	211	732	SLU_ENV	Min	4.64	0.	0.	0.
211	211	716	SLU_ENV	Min	6.76	0.	0.	0.
211	211	717	SLU_ENV	Min	12.33	0.	0.	0.
211	211	733	SLV_Ex		32.88	-48.98	-394.33	5.488
211	211	732	SLV_Ex		38.53	-12.7	-388.08	5.923
211	211	716	SLV_Ex		42.82	-1.97	-343.25	7.267
211	211	717	SLV_Ex		37.17	-38.37	-349.39	6.914
212	212	717	SLU_ENV	Max	26.33	0.	0.	0.
212	212	716	SLU_ENV	Max	21.25	0.	0.	0.
212	212	329	SLU_ENV	Max	11.77	0.	0.	0.
212	212	330	SLU_ENV	Max	15.97	0.	0.	0.
212	212	717	SLU_ENV	Min	8.11	0.	0.	0.
212	212	716	SLU_ENV	Min	6.74	0.	0.	0.
212	212	329	SLU_ENV	Min	3.96	0.	0.	0.
212	212	330	SLU_ENV	Min	6.2	0.	0.	0.
212	212	717	SLV_Ex		23.79	-13.22	-341.03	4.172
212	212	716	SLV_Ex		26.87	-19.27	-342.86	4.78
212	212	329	SLV_Ex		10.01	-23.95	-354.57	1.736
212	212	330	SLV_Ex		6.93	-17.55	-353.1	1.183
213	213	330	SLU_ENV	Max	12.35	0.	0.	0.
213	213	329	SLU_ENV	Max	9.29	0.	0.	0.
213	213	347	SLU_ENV	Max	7.96	0.	0.	0.
213	213	348	SLU_ENV	Max	11.02	0.	0.	0.
213	213	330	SLU_ENV	Min	3.57	0.	0.	0.
213	213	329	SLU_ENV	Min	0.94	0.	0.	0.
213	213	347	SLU_ENV	Min	-0.49	0.	0.	0.
213	213	348	SLU_ENV	Min	2.14	0.	0.	0.
213	213	330	SLV_Ex		2.91	-7.31	-350.91	0.486
213	213	329	SLV_Ex		8.92	-14.23	-352.55	1.511
213	213	347	SLV_Ex		10.32	-15.61	-359.87	1.719
213	213	348	SLV_Ex		4.32	-8.73	-358.19	0.708
214	214	941	SLU_ENV	Max	-15.99	0.	0.	0.
214	214	956	SLU_ENV	Max	-2.68	0.	0.	0.
214	214	957	SLU_ENV	Max	117.14	0.	0.	0.
214	214	942	SLU_ENV	Max	61.74	0.	0.	0.
214	214	941	SLU_ENV	Min	-65.49	0.	0.	0.
214	214	956	SLU_ENV	Min	-9.05	0.	0.	0.
214	214	957	SLU_ENV	Min	32.83	0.	0.	0.
214	214	942	SLU_ENV	Min	18.47	0.	0.	0.
214	214	941	SLV_Ex		-138.52	-25.6	-341.82	-59.411
214	214	956	SLV_Ex		-30.75	76.81	-49.71	-14.539
214	214	957	SLV_Ex		196.65	284.52	-108.94	44.156
214	214	942	SLV_Ex		88.87	44.48	-263.43	72.371
215	215	942	SLU_ENV	Max	41.85	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
215	215	957	SLU_ENV	Max	19.92	0.	0.	0.
215	215	958	SLU_ENV	Max	-2.46	0.	0.	0.
215	215	943	SLU_ENV	Max	10.07	0.	0.	0.
215	215	942	SLU_ENV	Min	12.	0.	0.	0.
215	215	957	SLU_ENV	Min	5.83	0.	0.	0.
215	215	958	SLU_ENV	Min	-12.91	0.	0.	0.
215	215	943	SLU_ENV	Min	2.66	0.	0.	0.
215	215	942	SLV_Ex		74.69	63.59	-165.05	69.604
215	215	957	SLV_Ex		39.41	62.91	-75.67	72.664
215	215	958	SLV_Ex		-14.64	5.46	-75.67	-79.424
215	215	943	SLV_Ex		20.64	-8.96	-149.94	81.489
216	216	943	SLU_ENV	Max	-0.1	0.	0.	0.
216	216	958	SLU_ENV	Max	6.91	0.	0.	0.
216	216	959	SLU_ENV	Max	10.2	0.	0.	0.
216	216	944	SLU_ENV	Max	0.73	0.	0.	0.
216	216	943	SLU_ENV	Min	-3.18	0.	0.	0.
216	216	958	SLU_ENV	Min	1.86	0.	0.	0.
216	216	959	SLU_ENV	Min	2.85	0.	0.	0.
216	216	944	SLU_ENV	Min	0.28	0.	0.	0.
216	216	943	SLV_Ex		3.89	-9.58	-135.23	88.224
216	216	958	SLV_Ex		15.35	-4.03	-119.26	82.272
216	216	959	SLV_Ex		23.18	13.55	-118.3	79.706
216	216	944	SLV_Ex		11.72	6.74	-133.01	85.172
217	217	944	SLU_ENV	Max	6.57	0.	0.	0.
217	217	959	SLU_ENV	Max	-0.48	0.	0.	0.
217	217	960	SLU_ENV	Max	-1.06	0.	0.	0.
217	217	945	SLU_ENV	Max	4.69	0.	0.	0.
217	217	944	SLU_ENV	Min	1.81	0.	0.	0.
217	217	959	SLU_ENV	Min	-2.3	0.	0.	0.
217	217	960	SLU_ENV	Min	-4.15	0.	0.	0.
217	217	945	SLU_ENV	Min	1.27	0.	0.	0.
217	217	944	SLV_Ex		20.2	8.51	-135.57	81.857
217	217	959	SLV_Ex		8.07	4.92	-138.93	86.777
217	217	960	SLV_Ex		4.13	-2.31	-139.97	88.281
217	217	945	SLV_Ex		16.26	0.68	-136.02	83.121
218	218	945	SLU_ENV	Max	-1.27	0.	0.	0.
218	218	960	SLU_ENV	Max	4.15	0.	0.	0.
218	218	961	SLU_ENV	Max	2.3	0.	0.	0.
218	218	946	SLU_ENV	Max	-1.81	0.	0.	0.
218	218	945	SLU_ENV	Min	-4.69	0.	0.	0.
218	218	960	SLU_ENV	Min	1.06	0.	0.	0.
218	218	961	SLU_ENV	Min	0.48	0.	0.	0.
218	218	946	SLU_ENV	Min	-6.58	0.	0.	0.
218	218	945	SLV_Ex		11.21	-1.37	-139.97	85.347
218	218	960	SLV_Ex		10.86	-5.18	-158.2	85.921
218	218	961	SLV_Ex		14.31	-0.5	-157.91	84.762
218	218	946	SLV_Ex		14.66	3.38	-139.75	84.09
219	219	946	SLU_ENV	Max	-0.28	0.	0.	0.
219	219	961	SLU_ENV	Max	-2.85	0.	0.	0.
219	219	962	SLU_ENV	Max	-1.86	0.	0.	0.
219	219	947	SLU_ENV	Max	3.18	0.	0.	0.
219	219	946	SLU_ENV	Min	-0.73	0.	0.	0.
219	219	961	SLU_ENV	Min	-10.2	0.	0.	0.
219	219	962	SLU_ENV	Min	-6.91	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
219	219	947	SLU_ENV	Min	0.1	0.	0.	0.
219	219	946	SLV_Ex		18.99	4.22	-141.55	82.449
219	219	961	SLV_Ex		15.14	-6.07	-185.6	85.146
219	219	962	SLV_Ex		13.06	-3.99	-184.78	85.846
219	219	947	SLV_Ex		16.91	6.1	-140.53	83.33
220	220	947	SLU_ENV	Max	-2.66	0.	0.	0.
220	220	962	SLU_ENV	Max	12.91	0.	0.	0.
220	220	963	SLU_ENV	Max	-5.83	0.	0.	0.
220	220	948	SLU_ENV	Max	-12.	0.	0.	0.
220	220	947	SLU_ENV	Min	-10.08	0.	0.	0.
220	220	962	SLU_ENV	Min	2.46	0.	0.	0.
220	220	963	SLU_ENV	Min	-19.92	0.	0.	0.
220	220	948	SLU_ENV	Min	-41.85	0.	0.	0.
220	220	947	SLV_Ex		18.15	9.25	-127.6	82.309
220	220	962	SLV_Ex		9.14	-14.9	-235.91	87.627
220	220	963	SLV_Ex		39.67	-26.2	-246.58	79.448
220	220	948	SLV_Ex		48.68	6.06	-146.38	70.153
221	221	948	SLU_ENV	Max	-18.47	0.	0.	0.
221	221	963	SLU_ENV	Max	-32.83	0.	0.	0.
221	221	964	SLU_ENV	Max	9.04	0.	0.	0.
221	221	949	SLU_ENV	Max	65.49	0.	0.	0.
221	221	948	SLU_ENV	Min	-61.74	0.	0.	0.
221	221	963	SLU_ENV	Min	-117.14	0.	0.	0.
221	221	964	SLU_ENV	Min	2.68	0.	0.	0.
221	221	949	SLU_ENV	Min	15.99	0.	0.	0.
221	221	948	SLV_Ex		72.91	49.81	-109.15	56.734
221	221	963	SLV_Ex		116.89	-18.37	-401.7	71.209
221	221	964	SLV_Ex		-24.38	34.59	-345.27	-86.312
221	221	949	SLV_Ex		-68.37	121.54	-71.48	-67.447
222	222	348	SLU_ENV	Max	7.44	0.	0.	0.
222	222	347	SLU_ENV	Max	5.84	0.	0.	0.
222	222	365	SLU_ENV	Max	3.5	0.	0.	0.
222	222	366	SLU_ENV	Max	5.1	0.	0.	0.
222	222	348	SLU_ENV	Min	-1.04	0.	0.	0.
222	222	347	SLU_ENV	Min	-2.96	0.	0.	0.
222	222	365	SLU_ENV	Min	-5.13	0.	0.	0.
222	222	366	SLU_ENV	Min	-3.21	0.	0.	0.
222	222	348	SLV_Ex		3.62	0.17	-356.39	0.581
222	222	347	SLV_Ex		3.26	-13.46	-359.11	0.54
222	222	365	SLV_Ex		-1.15	-14.8	-365.63	-0.187
222	222	366	SLV_Ex		-0.79	-1.17	-362.9	-0.125
223	223	366	SLU_ENV	Max	3.17	0.	0.	0.
223	223	365	SLU_ENV	Max	2.71	0.	0.	0.
223	223	383	SLU_ENV	Max	1.8	0.	0.	0.
223	223	384	SLU_ENV	Max	2.26	0.	0.	0.
223	223	366	SLU_ENV	Min	-4.45	0.	0.	0.
223	223	365	SLU_ENV	Min	-5.39	0.	0.	0.
223	223	383	SLU_ENV	Min	-5.44	0.	0.	0.
223	223	384	SLU_ENV	Min	-4.49	0.	0.	0.
223	223	366	SLV_Ex		-2.68	0.36	-362.61	-0.423
223	223	365	SLV_Ex		-0.21	-13.04	-365.27	-0.033
223	223	383	SLV_Ex		-0.18	-13.34	-366.75	-0.029
223	223	384	SLV_Ex		-2.65	6.712E-02	-364.09	-0.417
224	224	384	SLU_ENV	Max	1.2	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
224	224	383	SLU_ENV	Max	0.73	0.	0.	0.
224	224	401	SLU_ENV	Max	8.939E-02	0.	0.	0.
224	224	402	SLU_ENV	Max	0.33	0.	0.	0.
224	224	384	SLU_ENV	Min	-4.49	0.	0.	0.
224	224	383	SLU_ENV	Min	-5.53	0.	0.	0.
224	224	401	SLU_ENV	Min	-5.68	0.	0.	0.
224	224	402	SLU_ENV	Min	-4.41	0.	0.	0.
224	224	384	SLV_Ex		-2.06	1.23	-363.85	-0.324
224	224	383	SLV_Ex		-2.68	-13.19	-366.75	-0.434
224	224	401	SLV_Ex		-3.58	-13.62	-369.	-0.577
224	224	402	SLV_Ex		-2.97	0.8	-366.1	-0.463
225	225	402	SLU_ENV	Max	-0.19	0.	0.	0.
225	225	401	SLU_ENV	Max	-8.493E-02	0.	0.	0.
225	225	419	SLU_ENV	Max	-0.38	0.	0.	0.
225	225	420	SLU_ENV	Max	-0.49	0.	0.	0.
225	225	402	SLU_ENV	Min	-4.78	0.	0.	0.
225	225	401	SLU_ENV	Min	-4.92	0.	0.	0.
225	225	419	SLU_ENV	Min	-4.76	0.	0.	0.
225	225	420	SLU_ENV	Min	-4.63	0.	0.	0.
225	225	402	SLV_Ex		-4.14	1.06	-366.07	-0.646
225	225	401	SLV_Ex		-2.5	-13.57	-368.97	-0.403
225	225	419	SLV_Ex		-3.49	-13.52	-368.79	-0.562
225	225	420	SLV_Ex		-5.13	1.12	-365.91	-0.801
226	226	420	SLU_ENV	Max	-0.84	0.	0.	0.
226	226	419	SLU_ENV	Max	-0.65	0.	0.	0.
226	226	437	SLU_ENV	Max	-0.91	0.	0.	0.
226	226	438	SLU_ENV	Max	-1.1	0.	0.	0.
226	226	420	SLU_ENV	Min	-4.4	0.	0.	0.
226	226	419	SLU_ENV	Min	-4.68	0.	0.	0.
226	226	437	SLU_ENV	Min	-4.24	0.	0.	0.
226	226	438	SLU_ENV	Min	-3.97	0.	0.	0.
226	226	420	SLV_Ex		-4.19	0.22	-366.06	-0.655
226	226	419	SLV_Ex		-5.78	-13.18	-368.79	-0.931
226	226	437	SLV_Ex		-4.81	-13.38	-369.62	-0.774
226	226	438	SLV_Ex		-3.22	3.169E-02	-366.9	-0.503
227	227	438	SLU_ENV	Max	-1.6	0.	0.	0.
227	227	437	SLU_ENV	Max	-1.15	0.	0.	0.
227	227	455	SLU_ENV	Max	-1.41	0.	0.	0.
227	227	456	SLU_ENV	Max	-1.6	0.	0.	0.
227	227	438	SLU_ENV	Min	-4.48	0.	0.	0.
227	227	437	SLU_ENV	Min	-3.29	0.	0.	0.
227	227	455	SLU_ENV	Min	-4.4	0.	0.	0.
227	227	456	SLU_ENV	Min	-5.86	0.	0.	0.
227	227	438	SLV_Ex		-4.56	0.1	-366.92	-0.712
227	227	437	SLV_Ex		-2.61	-14.99	-369.89	-0.421
227	227	455	SLV_Ex		-6.24	-14.05	-365.72	-1.017
227	227	456	SLV_Ex		-8.2	1.08	-362.79	-1.291
228	228	456	SLU_ENV	Max	-1.78	0.	0.	0.
228	228	455	SLU_ENV	Max	-1.09	0.	0.	0.
228	228	473	SLU_ENV	Max	-1.04	0.	0.	0.
228	228	474	SLU_ENV	Max	-1.73	0.	0.	0.
228	228	456	SLU_ENV	Min	-7.99	0.	0.	0.
228	228	455	SLU_ENV	Min	-5.83	0.	0.	0.
228	228	473	SLU_ENV	Min	-6.91	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	474	SLU_ENV	Min	-9.07	0.	0.	0.
228	228	456	SLV_Ex		-6.84	-6.47	-364.23	-1.096
228	228	455	SLV_Ex		-11.94	-14.67	-366.2	-1.947
228	228	473	SLV_Ex		-9.52	-13.71	-360.55	-1.573
228	228	474	SLV_Ex		-4.42	-5.44	-358.65	-0.717
229	229	474	SLU_ENV	Max	-2.55	0.	0.	0.
229	229	473	SLU_ENV	Max	-1.32	0.	0.	0.
229	229	491	SLU_ENV	Max	-2.41	0.	0.	0.
229	229	492	SLU_ENV	Max	-3.64	0.	0.	0.
229	229	474	SLU_ENV	Min	-12.39	0.	0.	0.
229	229	473	SLU_ENV	Min	-9.2	0.	0.	0.
229	229	491	SLU_ENV	Min	-14.47	0.	0.	0.
229	229	492	SLU_ENV	Min	-17.67	0.	0.	0.
229	229	474	SLV_Ex		-7.64	-14.24	-360.54	-1.264
229	229	473	SLV_Ex		-9.29	-24.98	-362.79	-1.576
229	229	491	SLV_Ex		-24.45	-20.15	-348.14	-4.288
229	229	492	SLV_Ex		-22.8	-9.61	-345.69	-3.899
230	230	492	SLU_ENV	Max	-6.8	0.	0.	0.
230	230	491	SLU_ENV	Max	-2.62	0.	0.	0.
230	230	509	SLU_ENV	Max	-1.34	0.	0.	0.
230	230	510	SLU_ENV	Max	-5.52	0.	0.	0.
230	230	492	SLU_ENV	Min	-29.45	0.	0.	0.
230	230	491	SLU_ENV	Min	-16.63	0.	0.	0.
230	230	509	SLU_ENV	Min	-12.62	0.	0.	0.
230	230	510	SLU_ENV	Min	-25.44	0.	0.	0.
230	230	492	SLV_Ex		-35.23	-38.24	-354.32	-6.439
230	230	491	SLV_Ex		-42.94	-4.25	-349.27	-7.207
230	230	509	SLV_Ex		-40.72	-13.74	-390.84	-6.237
230	230	510	SLV_Ex		-33.01	-47.57	-396.05	-5.46
231	231	975	SLU_ENV	Max	13.63	0.	0.	0.
231	231	974	SLU_ENV	Max	112.38	0.	0.	0.
231	231	976	SLU_ENV	Max	-18.69	0.	0.	0.
231	231	977	SLU_ENV	Max	-34.08	0.	0.	0.
231	231	975	SLU_ENV	Min	2.26	0.	0.	0.
231	231	974	SLU_ENV	Min	17.65	0.	0.	0.
231	231	976	SLU_ENV	Min	-102.99	0.	0.	0.
231	231	977	SLU_ENV	Min	-201.74	0.	0.	0.
231	231	975	SLV_Ex		25.01	83.51	-46.29	11.335
231	231	974	SLV_Ex		132.38	-33.66	-340.03	60.106
231	231	976	SLV_Ex		-89.64	43.97	-267.28	-72.414
231	231	977	SLV_Ex		-197.01	291.05	-103.45	-43.582
232	232	977	SLU_ENV	Max	-5.11	0.	0.	0.
232	232	976	SLU_ENV	Max	-11.44	0.	0.	0.
232	232	978	SLU_ENV	Max	-2.82	0.	0.	0.
232	232	979	SLU_ENV	Max	21.58	0.	0.	0.
232	232	977	SLU_ENV	Min	-29.53	0.	0.	0.
232	232	976	SLU_ENV	Min	-68.52	0.	0.	0.
232	232	978	SLU_ENV	Min	-17.41	0.	0.	0.
232	232	979	SLU_ENV	Min	3.51	0.	0.	0.
232	232	977	SLV_Ex		-35.54	58.1	-83.52	-74.937
232	232	976	SLV_Ex		-72.93	63.1	-162.05	-69.81
232	232	978	SLV_Ex		-23.34	-6.59	-148.54	-80.4
232	232	979	SLV_Ex		14.05	3.97	-85.58	80.856
233	233	979	SLU_ENV	Max	-1.8	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	5.01	0.	0.	0.
233	233	980	SLU_ENV	Max	-1.061E-02	0.	0.	0.
233	233	981	SLU_ENV	Max	-2.62	0.	0.	0.
233	233	979	SLU_ENV	Min	-11.49	0.	0.	0.
233	233	978	SLU_ENV	Min	0.69	0.	0.	0.
233	233	980	SLU_ENV	Min	-0.13	0.	0.	0.
233	233	981	SLU_ENV	Min	-16.51	0.	0.	0.
233	233	979	SLV_Ex		-15.47	-5.09	-129.1	-82.777
233	233	978	SLV_Ex		-4.7	-9.78	-141.8	-87.959
233	233	980	SLV_Ex		-11.27	6.54	-139.39	-85.557
233	233	981	SLV_Ex		-22.04	12.13	-127.59	-80.805
234	234	981	SLU_ENV	Max	4.19	0.	0.	0.
234	234	980	SLU_ENV	Max	-1.71	0.	0.	0.
234	234	982	SLU_ENV	Max	-1.24	0.	0.	0.
234	234	983	SLU_ENV	Max	7.05	0.	0.	0.
234	234	981	SLU_ENV	Min	0.63	0.	0.	0.
234	234	980	SLU_ENV	Min	-10.78	0.	0.	0.
234	234	982	SLU_ENV	Min	-7.92	0.	0.	0.
234	234	983	SLU_ENV	Min	1.09	0.	0.	0.
234	234	981	SLV_Ex		-7.47	3.71	-150.44	-87.221
234	234	980	SLV_Ex		-20.13	7.54	-145.3	-82.363
234	234	982	SLV_Ex		-16.72	1.5	-145.58	-83.428
234	234	983	SLV_Ex		-4.06	-1.81	-151.24	-88.444
235	235	983	SLU_ENV	Max	-1.09	0.	0.	0.
235	235	982	SLU_ENV	Max	7.92	0.	0.	0.
235	235	984	SLU_ENV	Max	10.78	0.	0.	0.
235	235	985	SLU_ENV	Max	-0.63	0.	0.	0.
235	235	983	SLU_ENV	Min	-7.05	0.	0.	0.
235	235	982	SLU_ENV	Min	1.24	0.	0.	0.
235	235	984	SLU_ENV	Min	1.71	0.	0.	0.
235	235	985	SLU_ENV	Min	-4.19	0.	0.	0.
235	235	983	SLV_Ex		-10.61	-4.99	-170.6	-86.318
235	235	982	SLV_Ex		-11.72	-1.33	-153.61	-85.573
235	235	984	SLV_Ex		-14.78	3.47	-153.25	-84.563
235	235	985	SLV_Ex		-13.67	-0.27	-170.16	-85.368
236	236	985	SLU_ENV	Max	16.51	0.	0.	0.
236	236	984	SLU_ENV	Max	0.13	0.	0.	0.
236	236	986	SLU_ENV	Max	-0.69	0.	0.	0.
236	236	987	SLU_ENV	Max	11.49	0.	0.	0.
236	236	985	SLU_ENV	Min	2.62	0.	0.	0.
236	236	984	SLU_ENV	Min	1.032E-02	0.	0.	0.
236	236	986	SLU_ENV	Min	-5.01	0.	0.	0.
236	236	987	SLU_ENV	Min	1.8	0.	0.	0.
236	236	985	SLV_Ex		-14.35	-6.09	-199.04	-85.723
236	236	984	SLV_Ex		-18.77	3.23	-159.22	-83.319
236	236	986	SLV_Ex		-16.84	6.95	-157.93	-84.106
236	236	987	SLV_Ex		-12.42	-2.18	-197.93	-86.355
237	237	987	SLU_ENV	Max	-3.51	0.	0.	0.
237	237	986	SLU_ENV	Max	17.41	0.	0.	0.
237	237	988	SLU_ENV	Max	68.52	0.	0.	0.
237	237	989	SLU_ENV	Max	29.53	0.	0.	0.
237	237	987	SLU_ENV	Min	-21.58	0.	0.	0.
237	237	986	SLU_ENV	Min	2.82	0.	0.	0.
237	237	988	SLU_ENV	Min	11.44	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	5.11	0.	0.	0.
237	237	987	SLV_Ex		-7.58	-13.11	-249.28	-88.159
237	237	986	SLV_Ex		-19.78	8.68	-153.54	-82.943
237	237	988	SLV_Ex		-49.97	1.89	-171.04	-72.347
237	237	989	SLV_Ex		-37.78	-27.28	-259.41	-80.503
238	238	989	SLU_ENV	Max	201.75	0.	0.	0.
238	238	988	SLU_ENV	Max	103.	0.	0.	0.
238	238	990	SLU_ENV	Max	-17.65	0.	0.	0.
238	238	991	SLU_ENV	Max	-2.26	0.	0.	0.
238	238	989	SLU_ENV	Min	34.08	0.	0.	0.
238	238	988	SLU_ENV	Min	18.69	0.	0.	0.
238	238	990	SLU_ENV	Min	-112.39	0.	0.	0.
238	238	991	SLU_ENV	Min	-13.64	0.	0.	0.
238	238	989	SLV_Ex		-124.92	-20.9	-438.52	-71.627
238	238	988	SLV_Ex		-79.25	49.08	-129.29	-58.654
238	238	990	SLV_Ex		67.13	114.82	-88.59	69.346
238	238	991	SLV_Ex		21.46	27.45	-380.42	86.98
239	239	510	SLU_ENV	Max	-3.66	0.	0.	0.
239	239	509	SLU_ENV	Max	-0.47	0.	0.	0.
239	239	527	SLU_ENV	Max	0.91	0.	0.	0.
239	239	528	SLU_ENV	Max	-2.28	0.	0.	0.
239	239	510	SLU_ENV	Min	-19.91	0.	0.	0.
239	239	509	SLU_ENV	Min	-6.32	0.	0.	0.
239	239	527	SLU_ENV	Min	-2.28	0.	0.	0.
239	239	528	SLU_ENV	Min	-15.87	0.	0.	0.
239	239	510	SLV_Ex		-56.81	-1.85	-393.24	-8.438
239	239	509	SLV_Ex		-19.9	-4.84	-384.98	-3.005
239	239	527	SLV_Ex		-9.14	-17.81	-444.73	-1.228
239	239	528	SLV_Ex		-46.05	-17.44	-450.37	-6.141
240	240	748	SLU_ENV	Max	1.31	0.	0.	0.
240	240	747	SLU_ENV	Max	1.25	0.	0.	0.
240	240	731	SLU_ENV	Max	7.06	0.	0.	0.
240	240	732	SLU_ENV	Max	7.12	0.	0.	0.
240	240	748	SLU_ENV	Min	0.31	0.	0.	0.
240	240	747	SLU_ENV	Min	4.469E-02	0.	0.	0.
240	240	731	SLU_ENV	Min	1.1	0.	0.	0.
240	240	732	SLU_ENV	Min	1.37	0.	0.	0.
240	240	748	SLV_Ex		8.58	-4.115E-02	-353.08	1.392
240	240	747	SLV_Ex		12.38	-1.07	-353.56	2.014
240	240	731	SLV_Ex		21.51	-0.38	-355.36	3.48
240	240	732	SLV_Ex		17.71	0.45	-354.69	2.861
241	241	732	SLU_ENV	Max	16.21	0.	0.	0.
241	241	731	SLU_ENV	Max	6.17	0.	0.	0.
241	241	715	SLU_ENV	Max	3.4	0.	0.	0.
241	241	716	SLU_ENV	Max	13.41	0.	0.	0.
241	241	732	SLU_ENV	Min	3.65	0.	0.	0.
241	241	731	SLU_ENV	Min	1.11	0.	0.	0.
241	241	715	SLU_ENV	Min	1.06	0.	0.	0.
241	241	716	SLU_ENV	Min	3.64	0.	0.	0.
241	241	732	SLV_Ex		37.38	-7.06	-359.93	6.116
241	241	731	SLV_Ex		23.48	-7.63	-357.14	3.861
241	241	715	SLV_Ex		21.86	-6.59	-350.81	3.648
241	241	716	SLV_Ex		35.75	-6.12	-353.51	5.939
242	242	716	SLU_ENV	Max	9.88	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
242	242	715	SLU_ENV	Max	5.78	0.	0.	0.
242	242	328	SLU_ENV	Max	7.32	0.	0.	0.
242	242	329	SLU_ENV	Max	11.41	0.	0.	0.
242	242	716	SLU_ENV	Min	3.62	0.	0.	0.
242	242	715	SLU_ENV	Min	1.71	0.	0.	0.
242	242	328	SLU_ENV	Min	2.3	0.	0.	0.
242	242	329	SLU_ENV	Min	4.21	0.	0.	0.
242	242	716	SLV_Ex		19.8	-22.73	-353.79	3.435
242	242	715	SLV_Ex		28.46	-7.43	-352.15	4.753
242	242	328	SLV_Ex		26.92	-5.99	-343.71	4.586
242	242	329	SLV_Ex		18.25	-21.24	-345.41	3.233
243	243	329	SLU_ENV	Max	8.32	0.	0.	0.
243	243	328	SLU_ENV	Max	4.85	0.	0.	0.
243	243	346	SLU_ENV	Max	2.06	0.	0.	0.
243	243	347	SLU_ENV	Max	5.53	0.	0.	0.
243	243	329	SLU_ENV	Min	1.81	0.	0.	0.
243	243	328	SLU_ENV	Min	-0.64	0.	0.	0.
243	243	346	SLU_ENV	Min	-4.09	0.	0.	0.
243	243	347	SLU_ENV	Min	-1.63	0.	0.	0.
243	243	329	SLV_Ex		17.16	-11.6	-343.31	2.969
243	243	328	SLV_Ex		11.41	-16.4	-343.68	2.
243	243	346	SLV_Ex		2.54	-17.89	-348.82	0.44
243	243	347	SLV_Ex		8.28	-13.39	-348.14	1.418
244	244	347	SLU_ENV	Max	3.41	0.	0.	0.
244	244	346	SLU_ENV	Max	2.55	0.	0.	0.
244	244	364	SLU_ENV	Max	2.07	0.	0.	0.
244	244	365	SLU_ENV	Max	2.94	0.	0.	0.
244	244	347	SLU_ENV	Min	-4.1	0.	0.	0.
244	244	346	SLU_ENV	Min	-4.08	0.	0.	0.
244	244	364	SLU_ENV	Min	-4.52	0.	0.	0.
244	244	365	SLU_ENV	Min	-4.54	0.	0.	0.
244	244	347	SLV_Ex		1.22	-11.16	-347.45	0.208
244	244	346	SLV_Ex		4.02	-22.29	-349.73	0.703
244	244	364	SLV_Ex		2.65	-22.05	-348.39	0.466
244	244	365	SLV_Ex		-0.15	-10.9	-346.13	-0.025
245	245	365	SLU_ENV	Max	2.15	0.	0.	0.
245	245	364	SLU_ENV	Max	1.07	0.	0.	0.
245	245	382	SLU_ENV	Max	0.29	0.	0.	0.
245	245	383	SLU_ENV	Max	1.23	0.	0.	0.
245	245	365	SLU_ENV	Min	-4.8	0.	0.	0.
245	245	364	SLU_ENV	Min	-5.27	0.	0.	0.
245	245	382	SLU_ENV	Min	-5.72	0.	0.	0.
245	245	383	SLU_ENV	Min	-5.11	0.	0.	0.
245	245	365	SLV_Ex		0.79	-9.14	-345.78	0.135
245	245	364	SLV_Ex		-1.53	-23.44	-348.65	-0.269
245	245	382	SLV_Ex		-3.21	-24.01	-351.64	-0.561
245	245	383	SLV_Ex		-0.89	-9.74	-348.75	-0.15
246	246	383	SLU_ENV	Max	0.25	0.	0.	0.
246	246	382	SLU_ENV	Max	0.23	0.	0.	0.
246	246	400	SLU_ENV	Max	5.597E-02	0.	0.	0.
246	246	401	SLU_ENV	Max	6.834E-02	0.	0.	0.
246	246	383	SLU_ENV	Min	-5.29	0.	0.	0.
246	246	382	SLU_ENV	Min	-4.58	0.	0.	0.
246	246	400	SLU_ENV	Min	-4.15	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	401	SLU_ENV	Min	-4.86	0.	0.	0.
246	246	383	SLV_Ex		-3.38	-9.57	-348.76	-0.572
246	246	382	SLV_Ex		-1.76	-24.16	-351.65	-0.308
246	246	400	SLV_Ex		-2.26	-24.1	-351.37	-0.396
246	246	401	SLV_Ex		-3.89	-9.51	-348.49	-0.657
247	247	974	SLU_ENV	Max	-1.29	0.	0.	0.
247	247	780	SLU_ENV	Max	42.46	0.	0.	0.
247	247	782	SLU_ENV	Max	-0.82	0.	0.	0.
247	247	976	SLU_ENV	Max	-12.19	0.	0.	0.
247	247	974	SLU_ENV	Min	-10.09	0.	0.	0.
247	247	780	SLU_ENV	Min	7.06	0.	0.	0.
247	247	782	SLU_ENV	Min	-9.15	0.	0.	0.
247	247	976	SLU_ENV	Min	-58.68	0.	0.	0.
247	247	974	SLV_Ex		-4.11	-99.35	-261.97	-88.552
247	247	780	SLV_Ex		46.88	-64.79	-200.89	68.227
247	247	782	SLV_Ex		17.22	38.47	-159.57	84.993
247	247	976	SLV_Ex		-33.77	25.35	-242.11	-82.686
248	248	976	SLU_ENV	Max	-4.94	0.	0.	0.
248	248	782	SLU_ENV	Max	-3.54	0.	0.	0.
248	248	784	SLU_ENV	Max	-4.94	0.	0.	0.
248	248	978	SLU_ENV	Max	-6.34	0.	0.	0.
248	248	976	SLU_ENV	Min	-24.21	0.	0.	0.
248	248	782	SLU_ENV	Min	-13.28	0.	0.	0.
248	248	784	SLU_ENV	Min	-27.15	0.	0.	0.
248	248	978	SLU_ENV	Min	-38.09	0.	0.	0.
248	248	976	SLV_Ex		-17.06	43.39	-135.77	-84.511
248	248	782	SLV_Ex		-4.35	32.36	-181.6	-88.836
248	248	784	SLV_Ex		-36.41	11.78	-193.61	-79.618
248	248	978	SLV_Ex		-49.12	28.91	-153.89	-73.746
249	249	978	SLU_ENV	Max	-2.82	0.	0.	0.
249	249	784	SLU_ENV	Max	-5.08	0.	0.	0.
249	249	786	SLU_ENV	Max	-2.3	0.	0.	0.
249	249	980	SLU_ENV	Max	1.02	0.	0.	0.
249	249	978	SLU_ENV	Min	-15.66	0.	0.	0.
249	249	784	SLU_ENV	Min	-29.55	0.	0.	0.
249	249	786	SLU_ENV	Min	-12.87	0.	0.	0.
249	249	980	SLU_ENV	Min	-4.514E-02	0.	0.	0.
249	249	978	SLV_Ex		-30.48	21.07	-142.5	-79.06
249	249	784	SLV_Ex		-43.82	24.11	-158.95	-75.699
249	249	786	SLV_Ex		-27.69	3.22	-155.7	-79.802
249	249	980	SLV_Ex		-14.35	1.93	-141.01	-84.207
250	250	980	SLU_ENV	Max	-1.62	0.	0.	0.
250	250	786	SLU_ENV	Max	0.91	0.	0.	0.
250	250	788	SLU_ENV	Max	2.74	0.	0.	0.
250	250	982	SLU_ENV	Max	-1.24	0.	0.	0.
250	250	980	SLU_ENV	Min	-9.75	0.	0.	0.
250	250	786	SLU_ENV	Min	-3.192E-02	0.	0.	0.
250	250	788	SLU_ENV	Min	0.35	0.	0.	0.
250	250	982	SLU_ENV	Min	-7.92	0.	0.	0.
250	250	980	SLV_Ex		-23.22	3.32	-147.31	-81.022
250	250	786	SLV_Ex		-21.92	3.31	-145.21	-81.415
250	250	788	SLV_Ex		-29.07	5.97	-147.56	-78.874
250	250	982	SLV_Ex		-30.37	6.06	-149.75	-78.53
251	251	982	SLU_ENV	Max	7.92	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	-0.35	0.	0.	0.
251	251	790	SLU_ENV	Max	3.186E-02	0.	0.	0.
251	251	984	SLU_ENV	Max	9.75	0.	0.	0.
251	251	982	SLU_ENV	Min	1.24	0.	0.	0.
251	251	788	SLU_ENV	Min	-2.74	0.	0.	0.
251	251	790	SLU_ENV	Min	-0.91	0.	0.	0.
251	251	984	SLU_ENV	Min	1.62	0.	0.	0.
251	251	982	SLV_Ex		-25.36	2.25	-156.8	-80.7
251	251	788	SLV_Ex		-33.62	10.68	-137.96	-76.551
251	251	790	SLV_Ex		-29.51	3.47	-137.52	-77.627
251	251	984	SLV_Ex		-21.25	-4.52	-156.79	-81.896
252	252	984	SLU_ENV	Max	4.529E-02	0.	0.	0.
252	252	790	SLU_ENV	Max	12.87	0.	0.	0.
252	252	792	SLU_ENV	Max	29.55	0.	0.	0.
252	252	986	SLU_ENV	Max	15.66	0.	0.	0.
252	252	984	SLU_ENV	Min	-1.02	0.	0.	0.
252	252	790	SLU_ENV	Min	2.3	0.	0.	0.
252	252	792	SLU_ENV	Min	5.08	0.	0.	0.
252	252	986	SLU_ENV	Min	2.82	0.	0.	0.
252	252	984	SLV_Ex		-25.24	-4.46	-163.07	-80.722
252	252	790	SLV_Ex		-27.96	5.43	-126.28	-77.439
252	252	792	SLV_Ex		-36.64	3.97	-131.97	-73.688
252	252	986	SLV_Ex		-33.92	-7.02	-167.65	-77.508
253	253	986	SLU_ENV	Max	38.08	0.	0.	0.
253	253	792	SLU_ENV	Max	27.15	0.	0.	0.
253	253	794	SLU_ENV	Max	13.28	0.	0.	0.
253	253	988	SLU_ENV	Max	24.21	0.	0.	0.
253	253	986	SLU_ENV	Min	6.34	0.	0.	0.
253	253	792	SLU_ENV	Min	4.93	0.	0.	0.
253	253	794	SLU_ENV	Min	3.54	0.	0.	0.
253	253	988	SLU_ENV	Min	4.94	0.	0.	0.
253	253	986	SLV_Ex		-36.86	-4.49	-164.06	-76.242
253	253	792	SLV_Ex		-34.89	11.65	-101.49	-70.959
253	253	794	SLV_Ex		-22.09	-14.55	-99.7	-74.371
253	253	988	SLV_Ex		-24.06	-29.38	-163.57	-79.491
254	254	988	SLU_ENV	Max	58.69	0.	0.	0.
254	254	794	SLU_ENV	Max	9.15	0.	0.	0.
254	254	796	SLU_ENV	Max	-7.06	0.	0.	0.
254	254	990	SLU_ENV	Max	10.09	0.	0.	0.
254	254	988	SLU_ENV	Min	12.19	0.	0.	0.
254	254	794	SLU_ENV	Min	0.82	0.	0.	0.
254	254	796	SLU_ENV	Min	-42.48	0.	0.	0.
254	254	990	SLU_ENV	Min	1.29	0.	0.	0.
254	254	988	SLV_Ex		-53.34	10.71	-114.72	-60.865
254	254	794	SLV_Ex		-13.28	-19.88	-102.42	-80.618
254	254	796	SLV_Ex		61.97	114.55	-96.98	72.065
254	254	990	SLV_Ex		21.91	100.5	-64.64	82.306
255	255	401	SLU_ENV	Max	-0.11	0.	0.	0.
255	255	400	SLU_ENV	Max	-0.13	0.	0.	0.
255	255	418	SLU_ENV	Max	-0.27	0.	0.	0.
255	255	419	SLU_ENV	Max	-0.25	0.	0.	0.
255	255	401	SLU_ENV	Min	-4.09	0.	0.	0.
255	255	400	SLU_ENV	Min	-3.96	0.	0.	0.
255	255	418	SLU_ENV	Min	-3.26	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	419	SLU_ENV	Min	-3.4	0.	0.	0.
255	255	401	SLV_Ex		-2.8	-9.46	-348.45	-0.474
255	255	400	SLV_Ex		-4.71	-24.03	-351.42	-0.825
255	255	418	SLV_Ex		-4.9	-24.37	-353.19	-0.854
255	255	419	SLV_Ex		-2.99	-9.81	-350.22	-0.504
256	256	419	SLU_ENV	Max	-0.53	0.	0.	0.
256	256	418	SLU_ENV	Max	-0.28	0.	0.	0.
256	256	436	SLU_ENV	Max	1.421E-02	0.	0.	0.
256	256	437	SLU_ENV	Max	-0.77	0.	0.	0.
256	256	419	SLU_ENV	Min	-3.31	0.	0.	0.
256	256	418	SLU_ENV	Min	-1.6	0.	0.	0.
256	256	436	SLU_ENV	Min	-1.53	0.	0.	0.
256	256	437	SLU_ENV	Min	-2.71	0.	0.	0.
256	256	419	SLV_Ex		-5.28	-9.48	-350.22	-0.889
256	256	418	SLV_Ex		-2.92	-24.47	-353.15	-0.509
256	256	436	SLV_Ex		-4.11	-24.05	-351.22	-0.72
256	256	437	SLV_Ex		-6.48	-9.05	-348.31	-1.094
257	257	437	SLU_ENV	Max	-0.18	0.	0.	0.
257	257	436	SLU_ENV	Max	0.99	0.	0.	0.
257	257	454	SLU_ENV	Max	1.93	0.	0.	0.
257	257	455	SLU_ENV	Max	0.76	0.	0.	0.
257	257	437	SLU_ENV	Min	-2.57	0.	0.	0.
257	257	436	SLU_ENV	Min	-2.3	0.	0.	0.
257	257	454	SLU_ENV	Min	-2.21	0.	0.	0.
257	257	455	SLU_ENV	Min	-2.48	0.	0.	0.
257	257	437	SLV_Ex		-4.27	-10.68	-348.55	-0.725
257	257	436	SLV_Ex		-8.01	-23.33	-351.25	-1.4
257	257	454	SLV_Ex		-7.62	-23.79	-353.43	-1.325
257	257	455	SLV_Ex		-3.89	-11.13	-350.74	-0.656
258	258	455	SLU_ENV	Max	1.07	0.	0.	0.
258	258	454	SLU_ENV	Max	3.19	0.	0.	0.
258	258	472	SLU_ENV	Max	3.22	0.	0.	0.
258	258	473	SLU_ENV	Max	1.11	0.	0.	0.
258	258	455	SLU_ENV	Min	-3.9	0.	0.	0.
258	258	454	SLU_ENV	Min	-1.17	0.	0.	0.
258	258	472	SLU_ENV	Min	-3.62	0.	0.	0.
258	258	473	SLU_ENV	Min	-6.35	0.	0.	0.
258	258	455	SLV_Ex		-9.58	-11.82	-351.15	-1.619
258	258	454	SLV_Ex		-3.4	-21.42	-352.79	-0.588
258	258	472	SLV_Ex		-11.38	-20.14	-348.58	-1.988
258	258	473	SLV_Ex		-17.57	-10.26	-347.23	-2.993
259	259	473	SLU_ENV	Max	0.83	0.	0.	0.
259	259	472	SLU_ENV	Max	3.3	0.	0.	0.
259	259	490	SLU_ENV	Max	3.88	0.	0.	0.
259	259	491	SLU_ENV	Max	1.4	0.	0.	0.
259	259	473	SLU_ENV	Min	-8.64	0.	0.	0.
259	259	472	SLU_ENV	Min	-5.4	0.	0.	0.
259	259	490	SLU_ENV	Min	-4.43	0.	0.	0.
259	259	491	SLU_ENV	Min	-7.67	0.	0.	0.
259	259	473	SLV_Ex		-17.34	-21.52	-349.48	-3.035
259	259	472	SLV_Ex		-26.43	-9.07	-348.38	-4.482
259	259	490	SLV_Ex		-28.23	-10.31	-356.06	-4.7
259	259	491	SLV_Ex		-19.14	-22.82	-357.1	-3.288
260	260	491	SLU_ENV	Max	1.19	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
260	260	490	SLU_ENV	Max	4.26	0.	0.	0.
260	260	508	SLU_ENV	Max	3.59	0.	0.	0.
260	260	509	SLU_ENV	Max	0.52	0.	0.	0.
260	260	491	SLU_ENV	Min	-9.82	0.	0.	0.
260	260	490	SLU_ENV	Min	-2.63	0.	0.	0.
260	260	508	SLU_ENV	Min	-3.35	0.	0.	0.
260	260	509	SLU_ENV	Min	-10.55	0.	0.	0.
260	260	491	SLV_Ex		-37.63	-7.53	-357.63	-6.207
260	260	490	SLV_Ex		-23.13	-7.66	-354.6	-3.831
260	260	508	SLV_Ex		-25.76	-9.46	-365.52	-4.159
260	260	509	SLV_Ex		-40.26	-9.17	-368.69	-6.471
261	261	509	SLU_ENV	Max	1.39	0.	0.	0.
261	261	508	SLU_ENV	Max	1.68	0.	0.	0.
261	261	526	SLU_ENV	Max	1.73	0.	0.	0.
261	261	527	SLU_ENV	Max	1.43	0.	0.	0.
261	261	509	SLU_ENV	Min	-4.24	0.	0.	0.
261	261	508	SLU_ENV	Min	-3.76	0.	0.	0.
261	261	526	SLU_ENV	Min	-0.87	0.	0.	0.
261	261	527	SLU_ENV	Min	-1.35	0.	0.	0.
261	261	509	SLV_Ex		-19.44	-0.39	-362.71	-3.08
261	261	508	SLV_Ex		-23.95	5.167E-02	-363.27	-3.788
261	261	526	SLV_Ex		-15.15	-1.37	-364.66	-2.393
261	261	527	SLV_Ex		-10.64	-1.59	-364.32	-1.682
262	262	747	SLU_ENV	Max	4.04	0.	0.	0.
262	262	746	SLU_ENV	Max	2.43	0.	0.	0.
262	262	730	SLU_ENV	Max	-1.17	0.	0.	0.
262	262	731	SLU_ENV	Max	-0.84	0.	0.	0.
262	262	747	SLU_ENV	Min	-6.893E-02	0.	0.	0.
262	262	746	SLU_ENV	Min	-0.4	0.	0.	0.
262	262	730	SLU_ENV	Min	-4.15	0.	0.	0.
262	262	731	SLU_ENV	Min	-2.54	0.	0.	0.
262	262	747	SLV_Ex		20.23	11.47	-296.24	3.778
262	262	746	SLV_Ex		13.87	-6.83	-299.09	2.723
262	262	730	SLV_Ex		5.96	-13.6	-329.65	1.081
262	262	731	SLV_Ex		12.32	4.38	-326.47	2.136
263	263	731	SLU_ENV	Max	-0.84	0.	0.	0.
263	263	730	SLU_ENV	Max	-1.97	0.	0.	0.
263	263	714	SLU_ENV	Max	8.567E-02	0.	0.	0.
263	263	715	SLU_ENV	Max	0.95	0.	0.	0.
263	263	731	SLU_ENV	Min	-3.43	0.	0.	0.
263	263	730	SLU_ENV	Min	-4.3	0.	0.	0.
263	263	714	SLU_ENV	Min	-1.29	0.	0.	0.
263	263	715	SLU_ENV	Min	-0.15	0.	0.	0.
263	263	731	SLV_Ex		14.3	-2.98	-328.15	2.523
263	263	730	SLV_Ex		24.63	9.14	-327.14	4.211
263	263	714	SLV_Ex		34.14	7.96	-342.33	5.62
263	263	715	SLV_Ex		23.81	-4.65	-342.84	4.048
264	264	715	SLU_ENV	Max	3.37	0.	0.	0.
264	264	714	SLU_ENV	Max	-1.88	0.	0.	0.
264	264	327	SLU_ENV	Max	-2.23	0.	0.	0.
264	264	328	SLU_ENV	Max	0.79	0.	0.	0.
264	264	715	SLU_ENV	Min	0.47	0.	0.	0.
264	264	714	SLU_ENV	Min	-8.26	0.	0.	0.
264	264	327	SLU_ENV	Min	-13.18	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
264	264	328	SLU_ENV	Min	-2.22	0.	0.	0.
264	264	715	SLV_Ex		30.42	-5.39	-344.27	5.172
264	264	714	SLV_Ex		9.92	-5.18	-341.28	1.692
264	264	327	SLV_Ex		9.072E-02	-5.82	-342.71	0.015
264	264	328	SLV_Ex		20.59	-7.23	-344.51	3.507
265	265	328	SLU_ENV	Max	-0.22	0.	0.	0.
265	265	327	SLU_ENV	Max	-0.84	0.	0.	0.
265	265	345	SLU_ENV	Max	-0.22	0.	0.	0.
265	265	346	SLU_ENV	Max	0.4	0.	0.	0.
265	265	328	SLU_ENV	Min	-6.62	0.	0.	0.
265	265	327	SLU_ENV	Min	-6.2	0.	0.	0.
265	265	345	SLU_ENV	Min	-4.87	0.	0.	0.
265	265	346	SLU_ENV	Min	-5.28	0.	0.	0.
265	265	328	SLV_Ex		5.09	-17.06	-345.05	0.889
265	265	327	SLV_Ex		8.03	-27.29	-347.25	1.439
265	265	345	SLV_Ex		4.76	-24.49	-332.5	0.886
265	265	346	SLV_Ex		1.82	-14.21	-330.37	0.329
266	266	346	SLU_ENV	Max	0.81	0.	0.	0.
266	266	345	SLU_ENV	Max	-0.21	0.	0.	0.
266	266	363	SLU_ENV	Max	-0.24	0.	0.	0.
266	266	364	SLU_ENV	Max	0.72	0.	0.	0.
266	266	346	SLU_ENV	Min	-5.19	0.	0.	0.
266	266	345	SLU_ENV	Min	-6.81	0.	0.	0.
266	266	363	SLU_ENV	Min	-7.2	0.	0.	0.
266	266	364	SLU_ENV	Min	-5.53	0.	0.	0.
266	266	346	SLV_Ex		3.3	-18.62	-331.28	0.604
266	266	345	SLV_Ex		-1.01	-32.19	-333.96	-0.192
266	266	363	SLV_Ex		-2.41	-32.36	-334.88	-0.456
266	266	364	SLV_Ex		1.9	-18.82	-332.17	0.348
267	267	364	SLU_ENV	Max	0.13	0.	0.	0.
267	267	363	SLU_ENV	Max	2.255E-02	0.	0.	0.
267	267	381	SLU_ENV	Max	4.301E-02	0.	0.	0.
267	267	382	SLU_ENV	Max	0.15	0.	0.	0.
267	267	364	SLU_ENV	Min	-6.7	0.	0.	0.
267	267	363	SLU_ENV	Min	-5.27	0.	0.	0.
267	267	381	SLU_ENV	Min	-4.67	0.	0.	0.
267	267	382	SLU_ENV	Min	-6.11	0.	0.	0.
267	267	364	SLV_Ex		-2.28	-20.19	-332.45	-0.418
267	267	363	SLV_Ex		-0.14	-35.22	-335.43	-0.027
267	267	381	SLV_Ex		-1.07	-34.92	-333.97	-0.205
267	267	382	SLV_Ex		-3.2	-19.88	-330.99	-0.59
268	268	382	SLU_ENV	Max	0.1	0.	0.	0.
268	268	381	SLU_ENV	Max	-4.192E-02	0.	0.	0.
268	268	399	SLU_ENV	Max	-9.893E-02	0.	0.	0.
268	268	400	SLU_ENV	Max	4.452E-02	0.	0.	0.
268	268	382	SLU_ENV	Min	-4.97	0.	0.	0.
268	268	381	SLU_ENV	Min	-4.53	0.	0.	0.
268	268	399	SLU_ENV	Min	-3.66	0.	0.	0.
268	268	400	SLU_ENV	Min	-4.1	0.	0.	0.
268	268	382	SLV_Ex		-1.76	-20.03	-331.	-0.324
268	268	381	SLV_Ex		-3.61	-35.22	-334.07	-0.693
268	268	399	SLV_Ex		-4.13	-35.62	-336.11	-0.788
268	268	400	SLV_Ex		-2.28	-20.43	-333.03	-0.417
269	269	400	SLU_ENV	Max	-0.14	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
269	269	399	SLU_ENV	Max	-1.072E-02	0.	0.	0.
269	269	417	SLU_ENV	Max	-5.097E-02	0.	0.	0.
269	269	418	SLU_ENV	Max	-0.18	0.	0.	0.
269	269	400	SLU_ENV	Min	-3.92	0.	0.	0.
269	269	399	SLU_ENV	Min	-1.87	0.	0.	0.
269	269	417	SLU_ENV	Min	-0.74	0.	0.	0.
269	269	418	SLU_ENV	Min	-2.78	0.	0.	0.
269	269	400	SLV_Ex		-4.72	-20.35	-333.08	-0.866
269	269	399	SLV_Ex		-2.76	-35.67	-336.09	-0.527
269	269	417	SLV_Ex		-3.1	-35.41	-334.82	-0.593
269	269	418	SLV_Ex		-5.06	-20.09	-331.82	-0.93
270	270	418	SLU_ENV	Max	-0.18	0.	0.	0.
270	270	417	SLU_ENV	Max	0.65	0.	0.	0.
270	270	435	SLU_ENV	Max	2.	0.	0.	0.
270	270	436	SLU_ENV	Max	0.81	0.	0.	0.
270	270	418	SLU_ENV	Min	-1.12	0.	0.	0.
270	270	417	SLU_ENV	Min	-0.96	0.	0.	0.
270	270	435	SLU_ENV	Min	-0.79	0.	0.	0.
270	270	436	SLU_ENV	Min	-0.59	0.	0.	0.
270	270	418	SLV_Ex		-3.08	-20.19	-331.78	-0.566
270	270	417	SLV_Ex		-5.61	-35.43	-334.92	-1.074
270	270	435	SLV_Ex		-6.15	-35.8	-336.89	-1.171
270	270	436	SLV_Ex		-3.61	-20.56	-333.74	-0.661
271	271	436	SLU_ENV	Max	1.78	0.	0.	0.
271	271	435	SLU_ENV	Max	3.69	0.	0.	0.
271	271	453	SLU_ENV	Max	5.12	0.	0.	0.
271	271	454	SLU_ENV	Max	3.06	0.	0.	0.
271	271	436	SLU_ENV	Min	-1.36	0.	0.	0.
271	271	435	SLU_ENV	Min	0.17	0.	0.	0.
271	271	453	SLU_ENV	Min	0.13	0.	0.	0.
271	271	454	SLU_ENV	Min	-1.25	0.	0.	0.
271	271	436	SLV_Ex		-7.51	-19.85	-333.77	-1.371
271	271	435	SLV_Ex		-3.04	-34.14	-336.45	-0.576
271	271	453	SLV_Ex		-3.4	-33.72	-334.39	-0.648
271	271	454	SLV_Ex		-7.87	-19.42	-331.72	-1.444
272	272	454	SLU_ENV	Max	4.43	0.	0.	0.
272	272	453	SLU_ENV	Max	5.86	0.	0.	0.
272	272	471	SLU_ENV	Max	8.28	0.	0.	0.
272	272	472	SLU_ENV	Max	7.03	0.	0.	0.
272	272	454	SLU_ENV	Min	-0.32	0.	0.	0.
272	272	453	SLU_ENV	Min	-0.16	0.	0.	0.
272	272	471	SLU_ENV	Min	0.56	0.	0.	0.
272	272	472	SLU_ENV	Min	0.23	0.	0.	0.
272	272	454	SLV_Ex		-3.64	-17.06	-331.06	-0.665
272	272	453	SLV_Ex		-9.22	-29.74	-333.88	-1.737
272	272	471	SLV_Ex		-11.15	-32.23	-347.03	-2.032
272	272	472	SLV_Ex		-5.58	-19.61	-344.15	-0.986
273	273	472	SLU_ENV	Max	5.74	0.	0.	0.
273	273	471	SLU_ENV	Max	13.74	0.	0.	0.
273	273	489	SLU_ENV	Max	12.67	0.	0.	0.
273	273	490	SLU_ENV	Max	5.57	0.	0.	0.
273	273	472	SLU_ENV	Min	-0.19	0.	0.	0.
273	273	471	SLU_ENV	Min	1.91	0.	0.	0.
273	273	489	SLU_ENV	Min	1.74	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
273	273	490	SLU_ENV	Min	-1.27	0.	0.	0.
273	273	472	SLV_Ex		-20.63	-9.04	-343.45	-3.544
273	273	471	SLV_Ex		-0.95	-12.3	-342.57	-0.165
273	273	489	SLV_Ex		-9.66	-13.17	-348.56	-1.651
273	273	490	SLV_Ex		-29.34	-8.92	-350.42	-4.948
274	274	490	SLU_ENV	Max	6.31	0.	0.	0.
274	274	489	SLU_ENV	Max	8.73	0.	0.	0.
274	274	507	SLU_ENV	Max	9.65	0.	0.	0.
274	274	508	SLU_ENV	Max	7.23	0.	0.	0.
274	274	490	SLU_ENV	Min	0.18	0.	0.	0.
274	274	489	SLU_ENV	Min	1.38	0.	0.	0.
274	274	507	SLU_ENV	Min	1.96	0.	0.	0.
274	274	508	SLU_ENV	Min	0.77	0.	0.	0.
274	274	490	SLV_Ex		-24.24	-6.32	-348.92	-4.067
274	274	489	SLV_Ex		-34.31	6.84	-348.24	-5.572
274	274	507	SLV_Ex		-26.51	7.49	-337.22	-4.424
274	274	508	SLV_Ex		-16.43	-5.28	-338.29	-2.832
275	275	508	SLU_ENV	Max	4.88	0.	0.	0.
275	275	507	SLU_ENV	Max	6.21	0.	0.	0.
275	275	525	SLU_ENV	Max	2.41	0.	0.	0.
275	275	526	SLU_ENV	Max	1.88	0.	0.	0.
275	275	508	SLU_ENV	Min	0.8	0.	0.	0.
275	275	507	SLU_ENV	Min	1.12	0.	0.	0.
275	275	525	SLU_ENV	Min	0.46	0.	0.	0.
275	275	526	SLU_ENV	Min	-0.66	0.	0.	0.
275	275	508	SLV_Ex		-14.63	4.33	-336.14	-2.465
275	275	507	SLV_Ex		-7.03	-13.82	-339.2	-1.238
275	275	525	SLV_Ex		-14.61	-6.91	-308.03	-2.785
275	275	526	SLV_Ex		-22.21	11.61	-305.35	-4.028
276	276	746	SLU_ENV	Max	-0.8	0.	0.	0.
276	276	764	SLU_ENV	Max	-3.57	0.	0.	0.
276	276	763	SLU_ENV	Max	-3.38	0.	0.	0.
276	276	730	SLU_ENV	Max	3.79	0.	0.	0.
276	276	746	SLU_ENV	Min	-2.6	0.	0.	0.
276	276	764	SLU_ENV	Min	-12.84	0.	0.	0.
276	276	763	SLU_ENV	Min	-6.45	0.	0.	0.
276	276	730	SLU_ENV	Min	-0.61	0.	0.	0.
276	276	746	SLV_Ex		-7.93	6.82	-228.46	-1.932
276	276	764	SLV_Ex		29.63	46.54	-224.14	6.323
276	276	763	SLV_Ex		56.57	34.67	-319.47	9.316
276	276	730	SLV_Ex		19.01	-10.13	-318.7	3.54
277	277	730	SLU_ENV	Max	3.63	0.	0.	0.
277	277	763	SLU_ENV	Max	-5.99	0.	0.	0.
277	277	762	SLU_ENV	Max	-8.02	0.	0.	0.
277	277	714	SLU_ENV	Max	-3.45	0.	0.	0.
277	277	730	SLU_ENV	Min	-1.41	0.	0.	0.
277	277	763	SLU_ENV	Min	-26.66	0.	0.	0.
277	277	762	SLU_ENV	Min	-39.38	0.	0.	0.
277	277	714	SLU_ENV	Min	-9.09	0.	0.	0.
277	277	730	SLV_Ex		37.68	14.07	-317.66	6.565
277	277	763	SLV_Ex		1.15	12.73	-312.73	0.203
277	277	762	SLV_Ex		-14.55	6.57	-347.1	-2.359
277	277	714	SLV_Ex		21.98	4.35	-348.47	3.578
278	278	714	SLU_ENV	Max	-4.04	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
278	278	762	SLU_ENV	Max	-4.2	0.	0.	0.
278	278	326	SLU_ENV	Max	-2.93	0.	0.	0.
278	278	327	SLU_ENV	Max	-2.77	0.	0.	0.
278	278	714	SLU_ENV	Min	-17.44	0.	0.	0.
278	278	762	SLU_ENV	Min	-18.28	0.	0.	0.
278	278	326	SLU_ENV	Min	-14.45	0.	0.	0.
278	278	327	SLU_ENV	Min	-13.61	0.	0.	0.
278	278	714	SLV_Ex		-2.25	-7.08	-349.13	-0.376
278	278	762	SLV_Ex		-1.31	-42.69	-356.24	-0.24
278	278	326	SLV_Ex		-8.03	-36.06	-324.43	-1.596
278	278	327	SLV_Ex		-8.96	-0.44	-317.34	-1.621
279	279	327	SLU_ENV	Max	-1.38	0.	0.	0.
279	279	326	SLU_ENV	Max	-2.71	0.	0.	0.
279	279	344	SLU_ENV	Max	-2.11	0.	0.	0.
279	279	345	SLU_ENV	Max	-0.78	0.	0.	0.
279	279	327	SLU_ENV	Min	-6.63	0.	0.	0.
279	279	326	SLU_ENV	Min	-18.54	0.	0.	0.
279	279	344	SLU_ENV	Min	-15.64	0.	0.	0.
279	279	345	SLU_ENV	Min	-3.74	0.	0.	0.
279	279	327	SLV_Ex		-1.02	-22.36	-321.43	-0.195
279	279	326	SLV_Ex		-10.63	-41.49	-325.73	-2.146
279	279	344	SLV_Ex		-5.54	-40.91	-321.11	-1.132
279	279	345	SLV_Ex		4.08	-21.44	-317.15	0.791
280	280	345	SLU_ENV	Max	-0.77	0.	0.	0.
280	280	344	SLU_ENV	Max	-1.01	0.	0.	0.
280	280	362	SLU_ENV	Max	-0.72	0.	0.	0.
280	280	363	SLU_ENV	Max	-0.48	0.	0.	0.
280	280	345	SLU_ENV	Min	-5.68	0.	0.	0.
280	280	344	SLU_ENV	Min	-12.32	0.	0.	0.
280	280	362	SLU_ENV	Min	-11.85	0.	0.	0.
280	280	363	SLU_ENV	Min	-5.22	0.	0.	0.
280	280	345	SLV_Ex		-1.69	-29.12	-318.63	-0.335
280	280	344	SLV_Ex		-0.94	-46.44	-322.09	-0.196
280	280	362	SLV_Ex		-2.82	-45.37	-316.85	-0.595
280	280	363	SLV_Ex		-3.57	-28.03	-313.4	-0.716
281	281	363	SLU_ENV	Max	-0.22	0.	0.	0.
281	281	362	SLU_ENV	Max	-0.56	0.	0.	0.
281	281	380	SLU_ENV	Max	-0.42	0.	0.	0.
281	281	381	SLU_ENV	Max	-7.766E-02	0.	0.	0.
281	281	363	SLU_ENV	Min	-3.28	0.	0.	0.
281	281	362	SLU_ENV	Min	-11.07	0.	0.	0.
281	281	380	SLU_ENV	Min	-9.69	0.	0.	0.
281	281	381	SLU_ENV	Min	-1.91	0.	0.	0.
281	281	363	SLV_Ex		-1.3	-30.91	-313.93	-0.264
281	281	362	SLV_Ex		-4.4	-46.36	-317.1	-0.932
281	281	380	SLV_Ex		-3.92	-46.7	-318.72	-0.825
281	281	381	SLV_Ex		-0.82	-31.24	-315.57	-0.165
282	282	381	SLU_ENV	Max	-0.16	0.	0.	0.
282	282	380	SLU_ENV	Max	-0.17	0.	0.	0.
282	282	398	SLU_ENV	Max	-0.11	0.	0.	0.
282	282	399	SLU_ENV	Max	0.17	0.	0.	0.
282	282	381	SLU_ENV	Min	-1.76	0.	0.	0.
282	282	380	SLU_ENV	Min	-6.89	0.	0.	0.
282	282	398	SLU_ENV	Min	-5.86	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
282	282	399	SLU_ENV	Min	-1.	0.	0.	0.
282	282	381	SLV_Ex		-3.36	-31.55	-315.67	-0.678
282	282	380	SLV_Ex		-2.54	-48.14	-318.97	-0.537
282	282	398	SLV_Ex		-3.18	-47.98	-318.25	-0.674
282	282	399	SLV_Ex		-4.	-31.38	-314.95	-0.808
283	283	399	SLU_ENV	Max	1.6	0.	0.	0.
283	283	398	SLU_ENV	Max	-4.780E-02	0.	0.	0.
283	283	416	SLU_ENV	Max	3.201E-03	0.	0.	0.
283	283	417	SLU_ENV	Max	2.66	0.	0.	0.
283	283	399	SLU_ENV	Min	-0.56	0.	0.	0.
283	283	398	SLU_ENV	Min	-4.67	0.	0.	0.
283	283	416	SLU_ENV	Min	-3.53	0.	0.	0.
283	283	417	SLU_ENV	Min	-0.43	0.	0.	0.
283	283	399	SLV_Ex		-2.63	-31.44	-314.92	-0.532
283	283	398	SLV_Ex		-4.33	-48.16	-318.32	-0.919
283	283	416	SLV_Ex		-5.09	-48.37	-319.51	-1.077
283	283	417	SLV_Ex		-3.39	-31.66	-316.11	-0.683
284	284	417	SLU_ENV	Max	3.53	0.	0.	0.
284	284	416	SLU_ENV	Max	0.24	0.	0.	0.
284	284	434	SLU_ENV	Max	0.73	0.	0.	0.
284	284	435	SLU_ENV	Max	4.44	0.	0.	0.
284	284	417	SLU_ENV	Min	-0.82	0.	0.	0.
284	284	416	SLU_ENV	Min	-1.1	0.	0.	0.
284	284	434	SLU_ENV	Min	-0.11	0.	0.	0.
284	284	435	SLU_ENV	Min	-0.26	0.	0.	0.
284	284	417	SLV_Ex		-5.91	-31.67	-316.21	-1.19
284	284	416	SLV_Ex		-3.42	-47.11	-319.2	-0.72
284	284	434	SLV_Ex		-2.48	-46.75	-317.3	-0.525
284	284	435	SLV_Ex		-4.97	-31.33	-314.29	-1.006
285	285	435	SLU_ENV	Max	6.47	0.	0.	0.
285	285	434	SLU_ENV	Max	2.21	0.	0.	0.
285	285	452	SLU_ENV	Max	3.67	0.	0.	0.
285	285	453	SLU_ENV	Max	7.93	0.	0.	0.
285	285	435	SLU_ENV	Min	0.36	0.	0.	0.
285	285	434	SLU_ENV	Min	0.49	0.	0.	0.
285	285	452	SLU_ENV	Min	0.69	0.	0.	0.
285	285	453	SLU_ENV	Min	0.56	0.	0.	0.
285	285	435	SLV_Ex		-1.86	-29.65	-313.87	-0.374
285	285	434	SLV_Ex		-4.15	-46.41	-317.28	-0.879
285	285	452	SLV_Ex		-6.22	-47.2	-321.69	-1.299
285	285	453	SLV_Ex		-3.92	-30.47	-318.24	-0.781
286	286	453	SLU_ENV	Max	8.5	0.	0.	0.
286	286	452	SLU_ENV	Max	8.81	0.	0.	0.
286	286	470	SLU_ENV	Max	11.8	0.	0.	0.
286	286	471	SLU_ENV	Max	11.48	0.	0.	0.
286	286	453	SLU_ENV	Min	0.44	0.	0.	0.
286	286	452	SLU_ENV	Min	1.57	0.	0.	0.
286	286	470	SLU_ENV	Min	2.15	0.	0.	0.
286	286	471	SLU_ENV	Min	1.02	0.	0.	0.
286	286	453	SLV_Ex		-9.74	-26.46	-317.76	-1.916
286	286	452	SLV_Ex		-1.04	-42.36	-320.55	-0.213
286	286	470	SLV_Ex		4.45	-42.52	-321.79	0.913
286	286	471	SLV_Ex		-4.25	-26.96	-318.66	-0.835
287	287	471	SLU_ENV	Max	16.94	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
287	287	470	SLU_ENV	Max	14.58	0.	0.	0.
287	287	488	SLU_ENV	Max	17.28	0.	0.	0.
287	287	489	SLU_ENV	Max	19.64	0.	0.	0.
287	287	471	SLU_ENV	Min	2.37	0.	0.	0.
287	287	470	SLU_ENV	Min	2.45	0.	0.	0.
287	287	488	SLU_ENV	Min	3.61	0.	0.	0.
287	287	489	SLU_ENV	Min	3.54	0.	0.	0.
287	287	471	SLV_Ex		5.95	-6.58	-314.65	1.107
287	287	470	SLV_Ex		1.87	-41.52	-321.52	0.382
287	287	488	SLV_Ex		-1.91	-48.29	-355.32	-0.356
287	287	489	SLV_Ex		2.18	-13.45	-348.36	0.373
288	288	489	SLU_ENV	Max	15.71	0.	0.	0.
288	288	488	SLU_ENV	Max	31.22	0.	0.	0.
288	288	506	SLU_ENV	Max	23.34	0.	0.	0.
288	288	507	SLU_ENV	Max	7.83	0.	0.	0.
288	288	489	SLU_ENV	Min	3.18	0.	0.	0.
288	288	488	SLU_ENV	Min	7.88	0.	0.	0.
288	288	506	SLU_ENV	Min	6.27	0.	0.	0.
288	288	507	SLU_ENV	Min	1.57	0.	0.	0.
288	288	489	SLV_Ex		-22.47	4.93	-346.4	-3.675
288	288	488	SLV_Ex		18.51	-1.12	-347.06	3.071
288	288	506	SLV_Ex		3.68	1.49	-328.31	0.639
288	288	507	SLV_Ex		-37.3	11.16	-331.26	-6.292
289	289	507	SLU_ENV	Max	4.39	0.	0.	0.
289	289	506	SLU_ENV	Max	9.48	0.	0.	0.
289	289	524	SLU_ENV	Max	10.86	0.	0.	0.
289	289	525	SLU_ENV	Max	4.89	0.	0.	0.
289	289	507	SLU_ENV	Min	0.72	0.	0.	0.
289	289	506	SLU_ENV	Min	3.17	0.	0.	0.
289	289	524	SLU_ENV	Min	2.28	0.	0.	0.
289	289	525	SLU_ENV	Min	0.72	0.	0.	0.
289	289	507	SLV_Ex		-17.82	-11.37	-332.02	-3.191
289	289	506	SLV_Ex		-56.02	32.07	-332.72	-8.944
289	289	524	SLV_Ex		-31.11	45.58	-233.35	-6.444
289	289	525	SLV_Ex		7.1	6.66	-237.17	1.668
290	290	764	SLU_ENV	Max	-11.72	0.	0.	0.
290	290	975	SLU_ENV	Max	22.11	0.	0.	0.
290	290	974	SLU_ENV	Max	5.06	0.	0.	0.
290	290	763	SLU_ENV	Max	-13.37	0.	0.	0.
290	290	764	SLU_ENV	Min	-43.54	0.	0.	0.
290	290	975	SLU_ENV	Min	2.17	0.	0.	0.
290	290	974	SLU_ENV	Min	-6.06	0.	0.	0.
290	290	763	SLU_ENV	Min	-67.18	0.	0.	0.
290	290	764	SLV_Ex		145.04	162.9	-161.21	31.753
290	290	975	SLV_Ex		-26.62	-60.16	-118.65	-32.755
290	290	974	SLV_Ex		-118.	-91.13	-443.2	-21.045
290	290	763	SLV_Ex		53.66	21.29	-375.11	7.853
291	291	763	SLU_ENV	Max	-15.98	0.	0.	0.
291	291	974	SLU_ENV	Max	33.24	0.	0.	0.
291	291	780	SLU_ENV	Max	46.83	0.	0.	0.
291	291	762	SLU_ENV	Max	-12.17	0.	0.	0.
291	291	763	SLU_ENV	Min	-87.39	0.	0.	0.
291	291	974	SLU_ENV	Min	1.6	0.	0.	0.
291	291	780	SLU_ENV	Min	5.4	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
291	291	762	SLU_ENV	Min	-73.8	0.	0.	0.
291	291	763	SLV_Ex		-1.76	1.23	-370.26	-0.272
291	291	974	SLV_Ex		-3.51	-126.19	-395.78	-0.746
291	291	780	SLV_Ex		-40.79	-103.36	-327.5	-10.671
291	291	762	SLV_Ex		-39.04	21.23	-299.15	-7.053
292	292	762	SLU_ENV	Max	-8.35	0.	0.	0.
292	292	780	SLU_ENV	Max	23.34	0.	0.	0.
292	292	779	SLU_ENV	Max	36.43	0.	0.	0.
292	292	326	SLU_ENV	Max	-4.59	0.	0.	0.
292	292	762	SLU_ENV	Min	-52.69	0.	0.	0.
292	292	780	SLU_ENV	Min	-5.68	0.	0.	0.
292	292	779	SLU_ENV	Min	2.45	0.	0.	0.
292	292	326	SLU_ENV	Min	-35.23	0.	0.	0.
292	292	762	SLV_Ex		-25.8	-29.84	-306.5	-5.374
292	292	780	SLV_Ex		-13.62	-63.53	-311.23	-3.156
292	292	779	SLV_Ex		3.35	-64.29	-310.79	0.78
292	292	326	SLV_Ex		-8.83	-32.03	-304.62	-1.856
293	293	326	SLU_ENV	Max	-4.37	0.	0.	0.
293	293	779	SLU_ENV	Max	32.27	0.	0.	0.
293	293	806	SLU_ENV	Max	30.65	0.	0.	0.
293	293	344	SLU_ENV	Max	-3.32	0.	0.	0.
293	293	326	SLU_ENV	Min	-39.32	0.	0.	0.
293	293	779	SLU_ENV	Min	-1.01	0.	0.	0.
293	293	806	SLU_ENV	Min	0.91	0.	0.	0.
293	293	344	SLU_ENV	Min	-40.07	0.	0.	0.
293	293	326	SLV_Ex		-11.44	-37.43	-305.97	-2.444
293	293	779	SLV_Ex		3.39	-56.65	-309.28	0.77
293	293	806	SLV_Ex		0.57	-54.94	-300.42	0.134
293	293	344	SLV_Ex		-14.26	-35.37	-297.44	-3.124
294	294	344	SLU_ENV	Max	-2.22	0.	0.	0.
294	294	806	SLU_ENV	Max	30.39	0.	0.	0.
294	294	821	SLU_ENV	Max	32.07	0.	0.	0.
294	294	362	SLU_ENV	Max	-1.18	0.	0.	0.
294	294	344	SLU_ENV	Min	-36.74	0.	0.	0.
294	294	806	SLU_ENV	Min	-3.47	0.	0.	0.
294	294	821	SLU_ENV	Min	-0.4	0.	0.	0.
294	294	362	SLU_ENV	Min	-33.03	0.	0.	0.
294	294	344	SLV_Ex		-9.67	-41.22	-298.12	-2.159
294	294	806	SLV_Ex		-3.29	-54.66	-300.42	-0.766
294	294	821	SLV_Ex		1.58	-54.72	-300.49	0.368
294	294	362	SLV_Ex		-4.8	-41.51	-297.95	-1.074
295	295	362	SLU_ENV	Max	-1.02	0.	0.	0.
295	295	821	SLU_ENV	Max	31.4	0.	0.	0.
295	295	836	SLU_ENV	Max	33.58	0.	0.	0.
295	295	380	SLU_ENV	Max	-0.68	0.	0.	0.
295	295	362	SLU_ENV	Min	-32.25	0.	0.	0.
295	295	821	SLU_ENV	Min	-1.83	0.	0.	0.
295	295	836	SLU_ENV	Min	-1.19	0.	0.	0.
295	295	380	SLU_ENV	Min	-29.77	0.	0.	0.
295	295	362	SLV_Ex		-6.39	-42.48	-298.22	-1.432
295	295	821	SLV_Ex		-0.82	-60.22	-301.58	-0.195
295	295	836	SLV_Ex		-1.24	-60.02	-300.59	-0.294
295	295	380	SLV_Ex		-6.8	-42.25	-297.24	-1.53
296	296	380	SLU_ENV	Max	-0.43	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
296	296	836	SLU_ENV	Max	30.32	0.	0.	0.
296	296	851	SLU_ENV	Max	33.13	0.	0.	0.
296	296	398	SLU_ENV	Max	-0.14	0.	0.	0.
296	296	380	SLU_ENV	Min	-26.97	0.	0.	0.
296	296	836	SLU_ENV	Min	-1.57	0.	0.	0.
296	296	851	SLU_ENV	Min	-0.86	0.	0.	0.
296	296	398	SLU_ENV	Min	-23.73	0.	0.	0.
296	296	380	SLV_Ex		-5.43	-43.73	-297.46	-1.226
296	296	836	SLV_Ex		-2.96	-62.47	-301.11	-0.71
296	296	851	SLV_Ex		-1.93	-62.63	-301.79	-0.463
296	296	398	SLV_Ex		-4.4	-43.91	-298.12	-0.992
297	297	398	SLU_ENV	Max	-8.318E-02	0.	0.	0.
297	297	851	SLU_ENV	Max	29.88	0.	0.	0.
297	297	866	SLU_ENV	Max	32.3	0.	0.	0.
297	297	416	SLU_ENV	Max	0.19	0.	0.	0.
297	297	398	SLU_ENV	Min	-22.55	0.	0.	0.
297	297	851	SLU_ENV	Min	-0.72	0.	0.	0.
297	297	866	SLU_ENV	Min	4.954E-02	0.	0.	0.
297	297	416	SLU_ENV	Min	-19.63	0.	0.	0.
297	297	398	SLV_Ex		-5.56	-44.08	-298.21	-1.253
297	297	851	SLV_Ex		-2.5	-62.83	-301.85	-0.599
297	297	866	SLV_Ex		-1.07	-62.7	-301.09	-0.256
297	297	416	SLV_Ex		-4.12	-43.98	-297.42	-0.933
298	298	416	SLU_ENV	Max	0.85	0.	0.	0.
298	298	866	SLU_ENV	Max	27.52	0.	0.	0.
298	298	881	SLU_ENV	Max	30.86	0.	0.	0.
298	298	434	SLU_ENV	Max	1.45	0.	0.	0.
298	298	416	SLU_ENV	Min	-17.62	0.	0.	0.
298	298	866	SLU_ENV	Min	-0.32	0.	0.	0.
298	298	881	SLU_ENV	Min	0.28	0.	0.	0.
298	298	434	SLU_ENV	Min	-14.27	0.	0.	0.
298	298	416	SLV_Ex		-2.45	-42.72	-297.11	-0.552
298	298	866	SLV_Ex		-2.63	-60.97	-300.77	-0.629
298	298	881	SLV_Ex		-3.24	-61.14	-301.69	-0.771
298	298	434	SLV_Ex		-3.05	-42.88	-298.03	-0.686
299	299	434	SLU_ENV	Max	1.61	0.	0.	0.
299	299	881	SLU_ENV	Max	24.4	0.	0.	0.
299	299	896	SLU_ENV	Max	29.84	0.	0.	0.
299	299	452	SLU_ENV	Max	4.61	0.	0.	0.
299	299	434	SLU_ENV	Min	-12.34	0.	0.	0.
299	299	881	SLU_ENV	Min	-1.02	0.	0.	0.
299	299	896	SLU_ENV	Min	0.77	0.	0.	0.
299	299	452	SLU_ENV	Min	-8.11	0.	0.	0.
299	299	434	SLV_Ex		-4.73	-42.53	-298.02	-1.061
299	299	881	SLV_Ex		-5.35	-55.09	-300.57	-1.25
299	299	896	SLV_Ex		0.32	-55.	-299.43	0.075
299	299	452	SLV_Ex		0.94	-42.41	-296.91	0.213
300	300	452	SLU_ENV	Max	7.69	0.	0.	0.
300	300	896	SLU_ENV	Max	21.03	0.	0.	0.
300	300	911	SLU_ENV	Max	25.64	0.	0.	0.
300	300	470	SLU_ENV	Max	10.07	0.	0.	0.
300	300	452	SLU_ENV	Min	-5.15	0.	0.	0.
300	300	896	SLU_ENV	Min	-2.55	0.	0.	0.
300	300	911	SLU_ENV	Min	-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
300	300	470	SLU_ENV	Min	-0.54	0.	0.	0.
300	300	452	SLV_Ex		6.13	-37.29	-296.06	1.358
300	300	896	SLV_Ex		-4.57	-53.5	-299.23	-1.066
300	300	911	SLV_Ex		-7.33	-54.91	-307.06	-1.666
300	300	470	SLV_Ex		3.37	-38.93	-303.66	0.729
301	301	470	SLU_ENV	Max	10.68	0.	0.	0.
301	301	911	SLU_ENV	Max	17.28	0.	0.	0.
301	301	926	SLU_ENV	Max	24.8	0.	0.	0.
301	301	488	SLU_ENV	Max	23.48	0.	0.	0.
301	301	470	SLU_ENV	Min	1.93	0.	0.	0.
301	301	911	SLU_ENV	Min	-9.31	0.	0.	0.
301	301	926	SLU_ENV	Min	1.26	0.	0.	0.
301	301	488	SLU_ENV	Min	7.22	0.	0.	0.
301	301	470	SLV_Ex		0.78	-37.91	-303.4	0.169
301	301	911	SLV_Ex		-10.46	-55.62	-307.47	-2.383
301	301	926	SLV_Ex		8.64	-55.38	-305.45	1.982
301	301	488	SLV_Ex		19.89	-36.05	-303.02	4.285
302	302	488	SLU_ENV	Max	38.74	0.	0.	0.
302	302	926	SLU_ENV	Max	14.73	0.	0.	0.
302	302	941	SLU_ENV	Max	15.32	0.	0.	0.
302	302	506	SLU_ENV	Max	52.1	0.	0.	0.
302	302	488	SLU_ENV	Min	10.17	0.	0.	0.
302	302	926	SLU_ENV	Min	-20.44	0.	0.	0.
302	302	941	SLU_ENV	Min	-7.07	0.	0.	0.
302	302	506	SLU_ENV	Min	10.76	0.	0.	0.
302	302	488	SLV_Ex		40.3	13.95	-297.59	7.497
302	302	926	SLV_Ex		26.22	-99.43	-317.74	6.951
302	302	941	SLV_Ex		-3.04	-118.88	-395.98	-0.629
302	302	506	SLV_Ex		11.04	-7.3	-374.02	1.725
303	303	506	SLU_ENV	Max	41.73	0.	0.	0.
303	303	941	SLU_ENV	Max	15.16	0.	0.	0.
303	303	956	SLU_ENV	Max	8.73	0.	0.	0.
303	303	524	SLU_ENV	Max	33.73	0.	0.	0.
303	303	506	SLU_ENV	Min	4.17	0.	0.	0.
303	303	941	SLU_ENV	Min	-1.3	0.	0.	0.
303	303	956	SLU_ENV	Min	-7.39	0.	0.	0.
303	303	524	SLU_ENV	Min	-0.35	0.	0.	0.
303	303	506	SLV_Ex		-48.67	20.24	-375.41	-7.12
303	303	941	SLV_Ex		115.72	-91.79	-442.79	20.626
303	303	956	SLV_Ex		28.75	-68.33	-143.82	24.801
303	303	524	SLV_Ex		-135.64	143.32	-176.05	-29.074
431	431	583	SLU_ENV	Max	1.27	0.	0.	0.
431	431	287	SLU_ENV	Max	127.66	0.	0.	0.
431	431	288	SLU_ENV	Max	82.22	0.	0.	0.
431	431	565	SLU_ENV	Max	-14.66	0.	0.	0.
431	431	583	SLU_ENV	Min	-2.91	0.	0.	0.
431	431	287	SLU_ENV	Min	37.84	0.	0.	0.
431	431	288	SLU_ENV	Min	22.08	0.	0.	0.
431	431	565	SLU_ENV	Min	-48.16	0.	0.	0.
431	431	583	SLV_Ex		60.22	315.96	20.35	12.021
431	431	287	SLV_Ex		210.38	444.4	-29.18	31.34
431	431	288	SLV_Ex		71.13	42.09	-152.86	66.57
431	431	565	SLV_Ex		-79.03	-6.11	-183.58	-58.523
432	432	287	SLU_ENV	Max	20.92	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
432	432	289	SLU_ENV	Max	-3.68	0.	0.	0.
432	432	290	SLU_ENV	Max	10.26	0.	0.	0.
432	432	288	SLU_ENV	Max	41.93	0.	0.	0.
432	432	287	SLU_ENV	Min	5.71	0.	0.	0.
432	432	289	SLU_ENV	Min	-10.76	0.	0.	0.
432	432	290	SLU_ENV	Min	3.66	0.	0.	0.
432	432	288	SLU_ENV	Min	13.05	0.	0.	0.
432	432	287	SLV_Ex		35.29	89.04	17.51	40.344
432	432	289	SLV_Ex		-16.76	55.9	-1.03	-18.029
432	432	290	SLV_Ex		38.3	26.	-50.93	47.675
432	432	288	SLV_Ex		90.35	106.09	-79.34	51.486
433	433	289	SLU_ENV	Max	6.02	0.	0.	0.
433	433	291	SLU_ENV	Max	8.38	0.	0.	0.
433	433	292	SLU_ENV	Max	2.04	0.	0.	0.
433	433	290	SLU_ENV	Max	-0.21	0.	0.	0.
433	433	289	SLU_ENV	Min	2.15	0.	0.	0.
433	433	291	SLU_ENV	Min	2.94	0.	0.	0.
433	433	292	SLU_ENV	Min	0.37	0.	0.	0.
433	433	290	SLU_ENV	Min	-0.52	0.	0.	0.
433	433	289	SLV_Ex		21.92	5.27	-40.82	54.006
433	433	291	SLV_Ex		30.34	31.52	-37.89	59.525
433	433	292	SLV_Ex		16.93	13.98	-48.43	73.573
433	433	290	SLV_Ex		8.5	-13.26	-50.36	76.357
434	434	291	SLU_ENV	Max	-0.65	0.	0.	0.
434	434	293	SLU_ENV	Max	-1.18	0.	0.	0.
434	434	294	SLU_ENV	Max	3.73	0.	0.	0.
434	434	292	SLU_ENV	Max	5.34	0.	0.	0.
434	434	291	SLU_ENV	Min	-1.38	0.	0.	0.
434	434	293	SLU_ENV	Min	-2.99	0.	0.	0.
434	434	294	SLU_ENV	Min	1.4	0.	0.	0.
434	434	292	SLU_ENV	Min	1.93	0.	0.	0.
434	434	291	SLV_Ex		11.8	3.18	-82.45	81.998
434	434	293	SLV_Ex		6.5	2.19	-81.26	85.522
434	434	294	SLV_Ex		22.96	9.51	-79.75	74.519
434	434	292	SLV_Ex		28.27	12.31	-82.74	71.751
435	435	293	SLU_ENV	Max	2.99	0.	0.	0.
435	435	295	SLU_ENV	Max	1.38	0.	0.	0.
435	435	296	SLU_ENV	Max	-1.93	0.	0.	0.
435	435	294	SLU_ENV	Max	-1.4	0.	0.	0.
435	435	293	SLU_ENV	Min	1.18	0.	0.	0.
435	435	295	SLU_ENV	Min	0.65	0.	0.	0.
435	435	296	SLU_ENV	Min	-5.34	0.	0.	0.
435	435	294	SLU_ENV	Min	-3.73	0.	0.	0.
435	435	293	SLV_Ex		12.17	-6.64	-129.64	84.292
435	435	295	SLV_Ex		16.75	2.38	-128.98	82.612
435	435	296	SLV_Ex		22.56	7.87	-114.39	79.173
435	435	294	SLV_Ex		17.98	-1.57	-114.62	80.727
436	436	295	SLU_ENV	Max	-2.94	0.	0.	0.
436	436	297	SLU_ENV	Max	-2.15	0.	0.	0.
436	436	298	SLU_ENV	Max	0.52	0.	0.	0.
436	436	296	SLU_ENV	Max	-0.37	0.	0.	0.
436	436	295	SLU_ENV	Min	-8.38	0.	0.	0.
436	436	297	SLU_ENV	Min	-6.02	0.	0.	0.
436	436	298	SLU_ENV	Min	0.21	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
436	436	296	SLU_ENV	Min	-2.04	0.	0.	0.
436	436	295	SLV_Ex		22.23	-9.05	-189.79	82.881
436	436	297	SLV_Ex		16.85	4.8	-185.49	84.9
436	436	298	SLV_Ex		16.44	14.56	-138.38	83.793
436	436	296	SLV_Ex		21.82	1.04	-143.	81.183
437	437	297	SLU_ENV	Max	10.76	0.	0.	0.
437	437	305	SLU_ENV	Max	-5.71	0.	0.	0.
437	437	306	SLU_ENV	Max	-13.05	0.	0.	0.
437	437	298	SLU_ENV	Max	-3.66	0.	0.	0.
437	437	297	SLU_ENV	Min	3.68	0.	0.	0.
437	437	305	SLU_ENV	Min	-20.92	0.	0.	0.
437	437	306	SLU_ENV	Min	-41.93	0.	0.	0.
437	437	298	SLU_ENV	Min	-10.26	0.	0.	0.
437	437	297	SLV_Ex		-1.33	-11.59	-258.47	-89.69
437	437	305	SLV_Ex		34.58	-31.18	-268.56	81.531
437	437	306	SLV_Ex		65.46	7.26	-192.34	69.503
437	437	298	SLV_Ex		29.55	12.49	-167.9	80.437
438	438	305	SLU_ENV	Max	-37.84	0.	0.	0.
438	438	750	SLU_ENV	Max	2.91	0.	0.	0.
438	438	734	SLU_ENV	Max	48.16	0.	0.	0.
438	438	306	SLU_ENV	Max	-22.08	0.	0.	0.
438	438	305	SLU_ENV	Min	-127.66	0.	0.	0.
438	438	750	SLU_ENV	Min	-1.27	0.	0.	0.
438	438	734	SLU_ENV	Min	14.66	0.	0.	0.
438	438	306	SLU_ENV	Min	-82.22	0.	0.	0.
438	438	305	SLV_Ex		147.36	-26.77	-513.65	71.373
438	438	750	SLV_Ex		32.77	-9.07	-453.42	85.759
438	438	734	SLV_Ex		-53.28	82.19	-91.86	-71.125
438	438	306	SLV_Ex		61.31	30.99	-118.59	62.469
439	439	565	SLU_ENV	Max	8.48	0.	0.	0.
439	439	288	SLU_ENV	Max	68.36	0.	0.	0.
439	439	307	SLU_ENV	Max	39.07	0.	0.	0.
439	439	547	SLU_ENV	Max	-3.68	0.	0.	0.
439	439	565	SLU_ENV	Min	4.920E-02	0.	0.	0.
439	439	288	SLU_ENV	Min	16.93	0.	0.	0.
439	439	307	SLU_ENV	Min	9.01	0.	0.	0.
439	439	547	SLU_ENV	Min	-24.99	0.	0.	0.
439	439	565	SLV_Ex		55.17	-19.89	-160.39	64.122
439	439	288	SLV_Ex		8.69	29.62	-118.98	86.643
439	439	307	SLV_Ex		-35.93	61.25	-43.46	-68.328
439	439	547	SLV_Ex		10.55	-23.46	-49.66	63.183
440	440	288	SLU_ENV	Max	28.07	0.	0.	0.
440	440	290	SLU_ENV	Max	23.2	0.	0.	0.
440	440	308	SLU_ENV	Max	22.54	0.	0.	0.
440	440	307	SLU_ENV	Max	27.4	0.	0.	0.
440	440	288	SLU_ENV	Min	7.91	0.	0.	0.
440	440	290	SLU_ENV	Min	7.88	0.	0.	0.
440	440	308	SLU_ENV	Min	7.07	0.	0.	0.
440	440	307	SLU_ENV	Min	7.1	0.	0.	0.
440	440	288	SLV_Ex		27.91	63.58	-15.41	67.522
440	440	290	SLV_Ex		76.46	84.25	-71.97	50.906
440	440	308	SLV_Ex		62.64	38.79	-116.72	63.163
440	440	307	SLV_Ex		14.09	38.68	-80.73	83.173
441	441	290	SLU_ENV	Max	12.63	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
441	441	292	SLU_ENV	Max	2.78	0.	0.	0.
441	441	309	SLU_ENV	Max	9.92	0.	0.	0.
441	441	308	SLU_ENV	Max	19.77	0.	0.	0.
441	441	290	SLU_ENV	Min	3.8	0.	0.	0.
441	441	292	SLU_ENV	Min	0.5	0.	0.	0.
441	441	309	SLU_ENV	Min	3.19	0.	0.	0.
441	441	308	SLU_ENV	Min	6.5	0.	0.	0.
441	441	290	SLV_Ex		46.66	41.67	-68.09	60.882
441	441	292	SLV_Ex		21.84	13.33	-52.51	69.225
441	441	309	SLV_Ex		41.84	22.4	-82.49	63.534
441	441	308	SLV_Ex		66.67	52.04	-99.37	59.138
442	442	292	SLU_ENV	Max	6.08	0.	0.	0.
442	442	294	SLU_ENV	Max	3.73	0.	0.	0.
442	442	310	SLU_ENV	Max	-0.19	0.	0.	0.
442	442	309	SLU_ENV	Max	2.16	0.	0.	0.
442	442	292	SLU_ENV	Min	2.07	0.	0.	0.
442	442	294	SLU_ENV	Min	1.4	0.	0.	0.
442	442	310	SLU_ENV	Min	-0.23	0.	0.	0.
442	442	309	SLU_ENV	Min	0.43	0.	0.	0.
442	442	292	SLV_Ex		33.18	11.84	-87.	68.916
442	442	294	SLV_Ex		44.05	24.04	-93.15	65.631
442	442	310	SLV_Ex		45.31	23.31	-98.44	65.95
442	442	309	SLV_Ex		34.44	11.17	-92.35	69.145
443	443	294	SLU_ENV	Max	-1.4	0.	0.	0.
443	443	296	SLU_ENV	Max	-2.07	0.	0.	0.
443	443	311	SLU_ENV	Max	-0.43	0.	0.	0.
443	443	310	SLU_ENV	Max	0.23	0.	0.	0.
443	443	294	SLU_ENV	Min	-3.73	0.	0.	0.
443	443	296	SLU_ENV	Min	-6.08	0.	0.	0.
443	443	311	SLU_ENV	Min	-2.16	0.	0.	0.
443	443	310	SLU_ENV	Min	0.19	0.	0.	0.
443	443	294	SLV_Ex		39.07	9.09	-124.16	72.05
443	443	296	SLV_Ex		29.43	4.47	-118.86	75.749
443	443	311	SLV_Ex		39.05	16.78	-101.14	69.264
443	443	310	SLV_Ex		48.69	23.08	-108.11	66.038
444	444	296	SLU_ENV	Max	-0.5	0.	0.	0.
444	444	298	SLU_ENV	Max	-3.8	0.	0.	0.
444	444	312	SLU_ENV	Max	-6.5	0.	0.	0.
444	444	311	SLU_ENV	Max	-3.19	0.	0.	0.
444	444	296	SLU_ENV	Min	-2.78	0.	0.	0.
444	444	298	SLU_ENV	Min	-12.63	0.	0.	0.
444	444	312	SLU_ENV	Min	-19.77	0.	0.	0.
444	444	311	SLU_ENV	Min	-9.91	0.	0.	0.
444	444	296	SLV_Ex		28.69	-2.95	-146.89	78.256
444	444	298	SLV_Ex		45.04	2.72	-155.49	72.646
444	444	312	SLV_Ex		54.79	20.71	-127.01	66.06
444	444	311	SLV_Ex		38.43	11.79	-115.16	71.369
445	445	298	SLU_ENV	Max	-7.88	0.	0.	0.
445	445	306	SLU_ENV	Max	-7.91	0.	0.	0.
445	445	313	SLU_ENV	Max	-7.1	0.	0.	0.
445	445	312	SLU_ENV	Max	-7.07	0.	0.	0.
445	445	298	SLU_ENV	Min	-23.2	0.	0.	0.
445	445	306	SLU_ENV	Min	-28.06	0.	0.	0.
445	445	313	SLU_ENV	Min	-27.4	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
445	445	312	SLU_ENV	Min	-22.54	0.	0.	0.
445	445	298	SLV_Ex		58.15	3.16	-187.53	71.209
445	445	306	SLV_Ex		24.46	-30.11	-175.53	80.172
445	445	313	SLV_Ex		19.66	-13.19	-95.53	75.736
445	445	312	SLV_Ex		53.35	24.96	-112.42	64.516
446	446	306	SLU_ENV	Max	-16.93	0.	0.	0.
446	446	734	SLU_ENV	Max	-5.014E-02	0.	0.	0.
446	446	718	SLU_ENV	Max	24.99	0.	0.	0.
446	446	313	SLU_ENV	Max	-9.01	0.	0.	0.
446	446	306	SLU_ENV	Min	-68.35	0.	0.	0.
446	446	734	SLU_ENV	Min	-8.48	0.	0.	0.
446	446	718	SLU_ENV	Min	3.68	0.	0.	0.
446	446	313	SLU_ENV	Min	-39.07	0.	0.	0.
446	446	306	SLV_Ex		20.31	-12.76	-95.39	75.281
446	446	734	SLV_Ex		21.12	66.69	-76.91	81.448
446	446	718	SLV_Ex		-16.46	56.84	-116.55	-84.527
446	446	313	SLV_Ex		-17.27	-23.58	-134.07	-80.891
447	447	547	SLU_ENV	Max	5.8	0.	0.	0.
447	447	307	SLU_ENV	Max	31.21	0.	0.	0.
447	447	314	SLU_ENV	Max	21.77	0.	0.	0.
447	447	120	SLU_ENV	Max	0.66	0.	0.	0.
447	447	547	SLU_ENV	Min	-3.01	0.	0.	0.
447	447	307	SLU_ENV	Min	7.99	0.	0.	0.
447	447	314	SLU_ENV	Min	6.4	0.	0.	0.
447	447	120	SLU_ENV	Min	-8.91	0.	0.	0.
447	447	547	SLV_Ex		12.29	-24.98	-52.58	58.555
447	447	307	SLV_Ex		-14.39	4.07	-43.56	-71.419
447	447	314	SLV_Ex		15.97	6.521E-02	-61.42	74.354
447	447	120	SLV_Ex		42.64	-4.96	-94.47	53.833
448	448	307	SLU_ENV	Max	19.54	0.	0.	0.
448	448	308	SLU_ENV	Max	15.99	0.	0.	0.
448	448	315	SLU_ENV	Max	10.08	0.	0.	0.
448	448	314	SLU_ENV	Max	13.63	0.	0.	0.
448	448	307	SLU_ENV	Min	6.08	0.	0.	0.
448	448	308	SLU_ENV	Min	4.71	0.	0.	0.
448	448	315	SLU_ENV	Min	3.25	0.	0.	0.
448	448	314	SLU_ENV	Min	4.62	0.	0.	0.
448	448	307	SLV_Ex		35.64	3.12	-102.44	68.762
448	448	308	SLV_Ex		31.75	23.37	-93.07	73.478
448	448	315	SLV_Ex		18.09	23.27	-61.45	77.356
448	448	314	SLV_Ex		21.99	2.03	-69.84	71.137
449	449	308	SLU_ENV	Max	13.22	0.	0.	0.
449	449	309	SLU_ENV	Max	12.52	0.	0.	0.
449	449	316	SLU_ENV	Max	9.43	0.	0.	0.
449	449	315	SLU_ENV	Max	10.13	0.	0.	0.
449	449	308	SLU_ENV	Min	4.13	0.	0.	0.
449	449	309	SLU_ENV	Min	4.15	0.	0.	0.
449	449	316	SLU_ENV	Min	2.96	0.	0.	0.
449	449	315	SLU_ENV	Min	2.94	0.	0.	0.
449	449	308	SLV_Ex		35.77	33.08	-72.18	68.591
449	449	309	SLV_Ex		58.84	41.27	-94.52	59.971
449	449	316	SLV_Ex		52.34	29.11	-103.99	64.07
449	449	315	SLV_Ex		29.28	24.01	-84.74	73.711
450	450	309	SLU_ENV	Max	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
450	450	310	SLU_ENV	Max	-0.19	0.	0.	0.
450	450	317	SLU_ENV	Max	2.47	0.	0.	0.
450	450	316	SLU_ENV	Max	7.42	0.	0.	0.
450	450	309	SLU_ENV	Min	1.39	0.	0.	0.
450	450	310	SLU_ENV	Min	-0.23	0.	0.	0.
450	450	317	SLU_ENV	Min	0.9	0.	0.	0.
450	450	316	SLU_ENV	Min	2.52	0.	0.	0.
450	450	309	SLV_Ex		51.43	28.55	-102.89	64.253
450	450	310	SLV_Ex		36.78	14.21	-93.43	68.444
450	450	317	SLV_Ex		40.3	19.41	-88.59	65.866
450	450	316	SLV_Ex		54.94	34.41	-98.71	62.182
451	451	310	SLU_ENV	Max	0.23	0.	0.	0.
451	451	311	SLU_ENV	Max	-1.39	0.	0.	0.
451	451	318	SLU_ENV	Max	-2.52	0.	0.	0.
451	451	317	SLU_ENV	Max	-0.9	0.	0.	0.
451	451	310	SLU_ENV	Min	0.19	0.	0.	0.
451	451	311	SLU_ENV	Min	-4.76	0.	0.	0.
451	451	318	SLU_ENV	Min	-7.42	0.	0.	0.
451	451	317	SLU_ENV	Min	-2.47	0.	0.	0.
451	451	310	SLV_Ex		40.16	13.98	-103.1	68.341
451	451	311	SLV_Ex		52.2	22.87	-111.91	64.616
451	451	318	SLV_Ex		49.86	23.61	-103.83	64.259
451	451	317	SLV_Ex		37.82	14.64	-94.95	68.179
452	452	311	SLU_ENV	Max	-4.15	0.	0.	0.
452	452	312	SLU_ENV	Max	-4.13	0.	0.	0.
452	452	319	SLU_ENV	Max	-2.94	0.	0.	0.
452	452	318	SLU_ENV	Max	-2.96	0.	0.	0.
452	452	311	SLU_ENV	Min	-12.52	0.	0.	0.
452	452	312	SLU_ENV	Min	-13.22	0.	0.	0.
452	452	319	SLU_ENV	Min	-10.13	0.	0.	0.
452	452	318	SLU_ENV	Min	-9.43	0.	0.	0.
452	452	311	SLV_Ex		51.58	17.1	-125.14	66.752
452	452	312	SLV_Ex		32.45	-1.52	-114.56	72.482
452	452	319	SLV_Ex		30.7	5.7	-86.87	69.227
452	452	318	SLV_Ex		49.83	25.69	-98.82	63.415
453	453	312	SLU_ENV	Max	-4.71	0.	0.	0.
453	453	313	SLU_ENV	Max	-6.08	0.	0.	0.
453	453	320	SLU_ENV	Max	-4.62	0.	0.	0.
453	453	319	SLU_ENV	Max	-3.25	0.	0.	0.
453	453	312	SLU_ENV	Min	-15.99	0.	0.	0.
453	453	313	SLU_ENV	Min	-19.54	0.	0.	0.
453	453	320	SLU_ENV	Min	-13.63	0.	0.	0.
453	453	319	SLU_ENV	Min	-10.08	0.	0.	0.
453	453	312	SLV_Ex		31.02	1.99	-99.23	71.103
453	453	313	SLV_Ex		30.32	31.28	-90.35	75.047
453	453	320	SLV_Ex		16.26	25.07	-87.25	81.587
453	453	319	SLV_Ex		16.95	-5.78	-94.57	78.778
454	454	313	SLU_ENV	Max	-7.99	0.	0.	0.
454	454	718	SLU_ENV	Max	3.01	0.	0.	0.
454	454	331	SLU_ENV	Max	8.91	0.	0.	0.
454	454	320	SLU_ENV	Max	-6.4	0.	0.	0.
454	454	313	SLU_ENV	Min	-31.21	0.	0.	0.
454	454	718	SLU_ENV	Min	-5.8	0.	0.	0.
454	454	331	SLU_ENV	Min	-0.66	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
454	454	320	SLU_ENV	Min	-21.77	0.	0.	0.
454	454	313	SLV_Ex		-6.61	15.35	-123.34	-87.265
454	454	718	SLV_Ex		-2.25	60.17	-114.03	-89.261
454	454	331	SLV_Ex		18.57	67.91	-88.56	83.134
454	454	320	SLV_Ex		14.21	22.28	-97.06	83.113
455	455	120	SLU_ENV	Max	6.19	0.	0.	0.
455	455	314	SLU_ENV	Max	18.08	0.	0.	0.
455	455	321	SLU_ENV	Max	12.89	0.	0.	0.
455	455	7	SLU_ENV	Max	2.32	0.	0.	0.
455	455	120	SLU_ENV	Min	-5.33	0.	0.	0.
455	455	314	SLU_ENV	Min	5.17	0.	0.	0.
455	455	321	SLU_ENV	Min	3.69	0.	0.	0.
455	455	7	SLU_ENV	Min	-8.14	0.	0.	0.
455	455	120	SLV_Ex		35.65	-16.68	-91.17	53.404
455	455	314	SLV_Ex		7.29	-11.33	-59.68	81.224
455	455	321	SLV_Ex		1.05	-11.42	-53.55	88.573
455	455	7	SLV_Ex		29.41	-20.22	-81.59	53.288
456	456	314	SLU_ENV	Max	9.95	0.	0.	0.
456	456	315	SLU_ENV	Max	8.43	0.	0.	0.
456	456	322	SLU_ENV	Max	6.89	0.	0.	0.
456	456	321	SLU_ENV	Max	8.12	0.	0.	0.
456	456	314	SLU_ENV	Min	3.4	0.	0.	0.
456	456	315	SLU_ENV	Min	3.19	0.	0.	0.
456	456	322	SLU_ENV	Min	2.48	0.	0.	0.
456	456	321	SLU_ENV	Min	2.99	0.	0.	0.
456	456	314	SLV_Ex		13.31	-10.23	-67.24	76.08
456	456	315	SLV_Ex		30.07	11.49	-73.81	67.587
456	456	322	SLV_Ex		35.57	14.36	-80.83	65.825
456	456	321	SLV_Ex		18.81	-8.24	-73.37	72.36
457	457	315	SLU_ENV	Max	8.47	0.	0.	0.
457	457	316	SLU_ENV	Max	6.73	0.	0.	0.
457	457	323	SLU_ENV	Max	4.99	0.	0.	0.
457	457	322	SLU_ENV	Max	6.74	0.	0.	0.
457	457	315	SLU_ENV	Min	2.87	0.	0.	0.
457	457	316	SLU_ENV	Min	2.03	0.	0.	0.
457	457	323	SLU_ENV	Min	1.7	0.	0.	0.
457	457	322	SLU_ENV	Min	2.54	0.	0.	0.
457	457	315	SLV_Ex		41.25	13.49	-98.37	66.238
457	457	316	SLV_Ex		34.17	14.72	-91.31	69.931
457	457	323	SLV_Ex		27.63	15.19	-72.68	70.515
457	457	322	SLV_Ex		34.71	13.92	-79.69	66.067
458	458	316	SLU_ENV	Max	4.72	0.	0.	0.
458	458	317	SLU_ENV	Max	2.47	0.	0.	0.
458	458	324	SLU_ENV	Max	0.79	0.	0.	0.
458	458	323	SLU_ENV	Max	3.04	0.	0.	0.
458	458	316	SLU_ENV	Min	1.59	0.	0.	0.
458	458	317	SLU_ENV	Min	0.9	0.	0.	0.
458	458	324	SLU_ENV	Min	0.22	0.	0.	0.
458	458	323	SLU_ENV	Min	0.92	0.	0.	0.
458	458	316	SLV_Ex		36.78	19.16	-85.18	67.587
458	458	317	SLV_Ex		49.43	26.79	-95.59	63.06
458	458	324	SLV_Ex		44.42	22.46	-92.51	64.7
458	458	323	SLV_Ex		31.77	15.45	-82.71	69.835
459	459	317	SLU_ENV	Max	-0.9	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
459	459	318	SLU_ENV	Max	-1.59	0.	0.	0.
459	459	325	SLU_ENV	Max	-0.92	0.	0.	0.
459	459	324	SLU_ENV	Max	-0.22	0.	0.	0.
459	459	317	SLU_ENV	Min	-2.47	0.	0.	0.
459	459	318	SLU_ENV	Min	-4.72	0.	0.	0.
459	459	325	SLU_ENV	Min	-3.03	0.	0.	0.
459	459	324	SLU_ENV	Min	-0.79	0.	0.	0.
459	459	317	SLV_Ex		46.95	21.57	-101.5	65.137
459	459	318	SLV_Ex		34.36	11.52	-92.88	69.42
459	459	325	SLV_Ex		32.29	14.51	-78.62	68.047
459	459	324	SLV_Ex		44.88	24.99	-87.66	63.584
460	460	318	SLU_ENV	Max	-2.03	0.	0.	0.
460	460	319	SLU_ENV	Max	-2.87	0.	0.	0.
460	460	332	SLU_ENV	Max	-2.54	0.	0.	0.
460	460	325	SLU_ENV	Max	-1.7	0.	0.	0.
460	460	318	SLU_ENV	Min	-6.73	0.	0.	0.
460	460	319	SLU_ENV	Min	-8.47	0.	0.	0.
460	460	332	SLU_ENV	Min	-6.74	0.	0.	0.
460	460	325	SLU_ENV	Min	-4.99	0.	0.	0.
460	460	318	SLV_Ex		34.34	13.3	-87.57	68.546
460	460	319	SLV_Ex		38.13	27.04	-86.32	68.861
460	460	332	SLV_Ex		29.75	22.02	-80.24	72.209
460	460	325	SLV_Ex		25.96	8.25	-81.47	72.323
461	461	319	SLU_ENV	Max	-3.19	0.	0.	0.
461	461	320	SLU_ENV	Max	-3.4	0.	0.	0.
461	461	333	SLU_ENV	Max	-2.99	0.	0.	0.
461	461	332	SLU_ENV	Max	-2.48	0.	0.	0.
461	461	319	SLU_ENV	Min	-8.42	0.	0.	0.
461	461	320	SLU_ENV	Min	-9.95	0.	0.	0.
461	461	333	SLU_ENV	Min	-8.12	0.	0.	0.
461	461	332	SLU_ENV	Min	-6.89	0.	0.	0.
461	461	319	SLV_Ex		24.38	14.91	-93.36	76.615
461	461	320	SLV_Ex		10.95	31.63	-84.31	84.557
461	461	333	SLV_Ex		15.92	36.01	-70.7	81.322
461	461	332	SLV_Ex		29.35	21.28	-81.75	72.633
462	462	320	SLU_ENV	Max	-5.17	0.	0.	0.
462	462	331	SLU_ENV	Max	5.33	0.	0.	0.
462	462	349	SLU_ENV	Max	8.14	0.	0.	0.
462	462	333	SLU_ENV	Max	-3.69	0.	0.	0.
462	462	320	SLU_ENV	Min	-18.08	0.	0.	0.
462	462	331	SLU_ENV	Min	-6.19	0.	0.	0.
462	462	349	SLU_ENV	Min	-2.33	0.	0.	0.
462	462	333	SLU_ENV	Min	-12.88	0.	0.	0.
462	462	320	SLV_Ex		8.9	29.13	-94.41	85.858
462	462	331	SLV_Ex		16.83	78.05	-85.94	84.077
462	462	349	SLV_Ex		10.28	79.17	-74.01	86.142
462	462	333	SLV_Ex		2.35	30.71	-82.92	88.815
463	463	7	SLU_ENV	Max	4.84	0.	0.	0.
463	463	321	SLU_ENV	Max	10.57	0.	0.	0.
463	463	334	SLU_ENV	Max	8.34	0.	0.	0.
463	463	35	SLU_ENV	Max	3.01	0.	0.	0.
463	463	7	SLU_ENV	Min	-7.07	0.	0.	0.
463	463	321	SLU_ENV	Min	3.21	0.	0.	0.
463	463	334	SLU_ENV	Min	2.59	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
463	463	35	SLU_ENV	Min	-8.08	0.	0.	0.
463	463	7	SLV_Ex		14.85	-33.75	-68.19	60.199
463	463	321	SLV_Ex		6.66	-23.38	-57.53	78.528
463	463	334	SLV_Ex		15.19	-17.14	-58.34	66.239
463	463	35	SLV_Ex		23.39	-23.87	-72.64	53.221
464	464	321	SLU_ENV	Max	6.25	0.	0.	0.
464	464	322	SLU_ENV	Max	5.12	0.	0.	0.
464	464	335	SLU_ENV	Max	3.87	0.	0.	0.
464	464	334	SLU_ENV	Max	5.01	0.	0.	0.
464	464	321	SLU_ENV	Min	2.06	0.	0.	0.
464	464	322	SLU_ENV	Min	1.09	0.	0.	0.
464	464	335	SLU_ENV	Min	0.13	0.	0.	0.
464	464	334	SLU_ENV	Min	1.1	0.	0.	0.
464	464	321	SLV_Ex		24.42	-16.4	-81.16	65.531
464	464	322	SLV_Ex		23.21	-1.43	-74.77	70.366
464	464	335	SLV_Ex		15.63	-2.68	-59.44	73.297
464	464	334	SLV_Ex		16.83	-18.11	-65.36	67.278
465	465	322	SLU_ENV	Max	4.47	0.	0.	0.
465	465	323	SLU_ENV	Max	4.06	0.	0.	0.
465	465	336	SLU_ENV	Max	2.68	0.	0.	0.
465	465	335	SLU_ENV	Max	3.35	0.	0.	0.
465	465	322	SLU_ENV	Min	1.64	0.	0.	0.
465	465	323	SLU_ENV	Min	1.54	0.	0.	0.
465	465	336	SLU_ENV	Min	0.95	0.	0.	0.
465	465	335	SLU_ENV	Min	0.79	0.	0.	0.
465	465	322	SLV_Ex		22.35	-1.8	-73.7	70.778
465	465	323	SLV_Ex		32.56	11.05	-78.6	66.711
465	465	336	SLV_Ex		30.73	10.21	-76.	67.263
465	465	335	SLV_Ex		20.52	-2.5	-71.25	71.667
466	466	323	SLU_ENV	Max	2.1	0.	0.	0.
466	466	324	SLU_ENV	Max	0.79	0.	0.	0.
466	466	337	SLU_ENV	Max	0.58	0.	0.	0.
466	466	336	SLU_ENV	Max	1.9	0.	0.	0.
466	466	323	SLU_ENV	Min	0.76	0.	0.	0.
466	466	324	SLU_ENV	Min	0.22	0.	0.	0.
466	466	337	SLU_ENV	Min	0.22	0.	0.	0.
466	466	336	SLU_ENV	Min	0.76	0.	0.	0.
466	466	323	SLV_Ex		36.69	11.41	-88.72	66.438
466	466	324	SLV_Ex		29.1	11.1	-81.87	70.618
466	466	337	SLV_Ex		23.52	10.93	-67.93	71.694
466	466	336	SLV_Ex		31.1	11.08	-74.61	66.729
467	467	324	SLU_ENV	Max	-0.22	0.	0.	0.
467	467	325	SLU_ENV	Max	-0.76	0.	0.	0.
467	467	338	SLU_ENV	Max	-0.76	0.	0.	0.
467	467	337	SLU_ENV	Max	-0.22	0.	0.	0.
467	467	324	SLU_ENV	Min	-0.78	0.	0.	0.
467	467	325	SLU_ENV	Min	-2.1	0.	0.	0.
467	467	338	SLU_ENV	Min	-1.9	0.	0.	0.
467	467	337	SLU_ENV	Min	-0.58	0.	0.	0.
467	467	324	SLV_Ex		29.57	13.2	-76.6	69.404
467	467	325	SLV_Ex		35.85	24.34	-78.5	67.902
467	467	338	SLV_Ex		28.97	19.45	-75.13	71.11
467	467	337	SLV_Ex		22.69	8.66	-73.59	73.253
468	468	325	SLU_ENV	Max	-1.54	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
468	468	332	SLU_ENV	Max	-1.64	0.	0.	0.
468	468	339	SLU_ENV	Max	-0.79	0.	0.	0.
468	468	338	SLU_ENV	Max	-0.95	0.	0.	0.
468	468	325	SLU_ENV	Min	-4.06	0.	0.	0.
468	468	332	SLU_ENV	Min	-4.46	0.	0.	0.
468	468	339	SLU_ENV	Min	-3.34	0.	0.	0.
468	468	338	SLU_ENV	Min	-2.68	0.	0.	0.
468	468	325	SLV_Ex		29.51	18.	-81.26	71.757
468	468	332	SLV_Ex		19.18	24.23	-73.07	78.391
468	468	339	SLV_Ex		17.99	25.35	-66.	78.405
468	468	338	SLV_Ex		28.32	19.19	-74.27	71.351
469	469	332	SLU_ENV	Max	-1.09	0.	0.	0.
469	469	333	SLU_ENV	Max	-2.06	0.	0.	0.
469	469	340	SLU_ENV	Max	-1.1	0.	0.	0.
469	469	339	SLU_ENV	Max	-0.13	0.	0.	0.
469	469	332	SLU_ENV	Min	-5.11	0.	0.	0.
469	469	333	SLU_ENV	Min	-6.25	0.	0.	0.
469	469	340	SLU_ENV	Min	-5.01	0.	0.	0.
469	469	339	SLU_ENV	Min	-3.87	0.	0.	0.
469	469	332	SLV_Ex		18.78	23.64	-74.73	78.777
469	469	333	SLV_Ex		18.53	50.58	-68.43	80.927
469	469	340	SLV_Ex		11.33	48.29	-68.78	84.421
469	469	339	SLV_Ex		11.58	20.9	-74.63	82.988
470	470	333	SLU_ENV	Max	-3.21	0.	0.	0.
470	470	349	SLU_ENV	Max	7.07	0.	0.	0.
470	470	367	SLU_ENV	Max	8.08	0.	0.	0.
470	470	340	SLU_ENV	Max	-2.59	0.	0.	0.
470	470	333	SLU_ENV	Min	-10.57	0.	0.	0.
470	470	349	SLU_ENV	Min	-4.84	0.	0.	0.
470	470	367	SLU_ENV	Min	-3.01	0.	0.	0.
470	470	340	SLU_ENV	Min	-8.34	0.	0.	0.
470	470	333	SLV_Ex		4.96	44.9	-80.27	87.725
470	470	349	SLV_Ex		2.98	80.13	-73.05	88.885
470	470	367	SLV_Ex		8.61	80.8	-72.27	86.77
470	470	340	SLV_Ex		10.6	45.84	-79.76	85.143
471	471	35	SLU_ENV	Max	3.52	0.	0.	0.
471	471	334	SLU_ENV	Max	6.94	0.	0.	0.
471	471	341	SLU_ENV	Max	5.33	0.	0.	0.
471	471	62	SLU_ENV	Max	1.88	0.	0.	0.
471	471	35	SLU_ENV	Min	-8.26	0.	0.	0.
471	471	334	SLU_ENV	Min	2.04	0.	0.	0.
471	471	341	SLU_ENV	Min	1.39	0.	0.	0.
471	471	62	SLU_ENV	Min	-8.89	0.	0.	0.
471	471	35	SLV_Ex		17.04	-33.34	-68.87	53.181
471	471	334	SLV_Ex		9.94	-24.75	-56.1	70.321
471	471	341	SLV_Ex		6.96	-24.86	-48.75	72.191
471	471	62	SLV_Ex		14.05	-33.19	-61.78	50.221
472	472	334	SLU_ENV	Max	3.7	0.	0.	0.
472	472	335	SLU_ENV	Max	3.2	0.	0.	0.
472	472	342	SLU_ENV	Max	2.34	0.	0.	0.
472	472	341	SLU_ENV	Max	2.85	0.	0.	0.
472	472	334	SLU_ENV	Min	0.46	0.	0.	0.
472	472	335	SLU_ENV	Min	-0.34	0.	0.	0.
472	472	342	SLU_ENV	Min	-0.83	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
472	472	341	SLU_ENV	Min	-3.131E-02	0.	0.	0.
472	472	334	SLV_Ex		11.58	-25.64	-63.2	70.965
472	472	335	SLV_Ex		18.27	-9.14	-63.56	68.909
472	472	342	SLV_Ex		17.79	-8.7	-60.98	68.561
472	472	341	SLV_Ex		11.1	-25.22	-60.6	70.576
473	473	335	SLU_ENV	Max	2.67	0.	0.	0.
473	473	336	SLU_ENV	Max	2.01	0.	0.	0.
473	473	343	SLU_ENV	Max	1.36	0.	0.	0.
473	473	342	SLU_ENV	Max	2.03	0.	0.	0.
473	473	335	SLU_ENV	Min	0.32	0.	0.	0.
473	473	336	SLU_ENV	Min	0.5	0.	0.	0.
473	473	343	SLU_ENV	Min	0.1	0.	0.	0.
473	473	342	SLU_ENV	Min	-8.342E-02	0.	0.	0.
473	473	335	SLV_Ex		23.17	-8.78	-75.56	68.028
473	473	336	SLV_Ex		18.67	-0.73	-69.36	73.52
473	473	343	SLV_Ex		13.22	-1.14	-57.88	76.112
473	473	342	SLV_Ex		17.72	-9.65	-63.62	69.475
474	474	336	SLU_ENV	Max	1.23	0.	0.	0.
474	474	337	SLU_ENV	Max	0.58	0.	0.	0.
474	474	350	SLU_ENV	Max	0.23	0.	0.	0.
474	474	343	SLU_ENV	Max	0.87	0.	0.	0.
474	474	336	SLU_ENV	Min	0.31	0.	0.	0.
474	474	337	SLU_ENV	Min	0.22	0.	0.	0.
474	474	350	SLU_ENV	Min	-6.894E-03	0.	0.	0.
474	474	343	SLU_ENV	Min	8.645E-02	0.	0.	0.
474	474	336	SLV_Ex		19.04	-2.630E-02	-67.81	72.909
474	474	337	SLV_Ex		25.89	12.63	-69.31	70.408
474	474	350	SLV_Ex		21.28	9.75	-67.04	73.172
474	474	343	SLV_Ex		14.43	-2.51	-65.94	76.464
475	475	337	SLU_ENV	Max	-0.22	0.	0.	0.
475	475	338	SLU_ENV	Max	-0.31	0.	0.	0.
475	475	351	SLU_ENV	Max	-8.634E-02	0.	0.	0.
475	475	350	SLU_ENV	Max	6.826E-03	0.	0.	0.
475	475	337	SLU_ENV	Min	-0.58	0.	0.	0.
475	475	338	SLU_ENV	Min	-1.23	0.	0.	0.
475	475	351	SLU_ENV	Min	-0.87	0.	0.	0.
475	475	350	SLU_ENV	Min	-0.23	0.	0.	0.
475	475	337	SLV_Ex		25.06	10.26	-74.87	71.962
475	475	338	SLV_Ex		17.58	17.02	-68.27	77.829
475	475	351	SLV_Ex		13.61	16.9	-60.89	79.762
475	475	350	SLV_Ex		21.09	9.63	-66.99	73.298
476	476	338	SLU_ENV	Max	-0.5	0.	0.	0.
476	476	339	SLU_ENV	Max	-0.32	0.	0.	0.
476	476	352	SLU_ENV	Max	8.332E-02	0.	0.	0.
476	476	351	SLU_ENV	Max	-0.1	0.	0.	0.
476	476	338	SLU_ENV	Min	-2.01	0.	0.	0.
476	476	339	SLU_ENV	Min	-2.67	0.	0.	0.
476	476	352	SLU_ENV	Min	-2.02	0.	0.	0.
476	476	351	SLU_ENV	Min	-1.36	0.	0.	0.
476	476	338	SLV_Ex		16.92	16.87	-67.52	78.178
476	476	339	SLV_Ex		19.89	35.59	-64.47	78.289
476	476	352	SLV_Ex		14.43	32.91	-66.04	81.522
476	476	351	SLV_Ex		11.46	14.23	-69.12	82.017
477	477	339	SLU_ENV	Max	0.34	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
477	477	340	SLU_ENV	Max	-0.46	0.	0.	0.
477	477	353	SLU_ENV	Max	3.136E-02	0.	0.	0.
477	477	352	SLU_ENV	Max	0.83	0.	0.	0.
477	477	339	SLU_ENV	Min	-3.2	0.	0.	0.
477	477	340	SLU_ENV	Min	-3.7	0.	0.	0.
477	477	353	SLU_ENV	Min	-2.85	0.	0.	0.
477	477	352	SLU_ENV	Min	-2.34	0.	0.	0.
477	477	339	SLV_Ex		13.48	31.06	-73.02	82.496
477	477	340	SLV_Ex		6.87	53.74	-66.83	86.727
477	477	353	SLV_Ex		7.03	53.92	-66.01	86.636
477	477	352	SLV_Ex		13.63	31.28	-72.24	82.366
478	478	340	SLU_ENV	Max	-2.04	0.	0.	0.
478	478	367	SLU_ENV	Max	8.26	0.	0.	0.
478	478	385	SLU_ENV	Max	8.89	0.	0.	0.
478	478	353	SLU_ENV	Max	-1.39	0.	0.	0.
478	478	340	SLU_ENV	Min	-6.94	0.	0.	0.
478	478	367	SLU_ENV	Min	-3.52	0.	0.	0.
478	478	385	SLU_ENV	Min	-1.88	0.	0.	0.
478	478	353	SLU_ENV	Min	-5.32	0.	0.	0.
478	478	340	SLV_Ex		6.14	51.4	-77.92	87.275
478	478	367	SLV_Ex		7.65	85.3	-71.24	87.194
478	478	385	SLV_Ex		5.01	84.55	-73.67	88.184
478	478	353	SLV_Ex		3.5	50.67	-80.36	88.469
479	479	62	SLU_ENV	Max	1.77	0.	0.	0.
479	479	341	SLU_ENV	Max	4.26	0.	0.	0.
479	479	354	SLU_ENV	Max	2.81	0.	0.	0.
479	479	89	SLU_ENV	Max	0.35	0.	0.	0.
479	479	62	SLU_ENV	Min	-8.95	0.	0.	0.
479	479	341	SLU_ENV	Min	1.	0.	0.	0.
479	479	354	SLU_ENV	Min	0.43	0.	0.	0.
479	479	89	SLU_ENV	Min	-9.54	0.	0.	0.
479	479	62	SLV_Ex		8.15	-40.12	-56.86	51.626
479	479	341	SLV_Ex		8.2	-27.71	-50.75	67.31
479	479	354	SLV_Ex		7.86	-27.67	-49.73	67.276
479	479	89	SLV_Ex		7.81	-39.99	-55.92	50.662
480	480	341	SLU_ENV	Max	1.81	0.	0.	0.
480	480	342	SLU_ENV	Max	1.51	0.	0.	0.
480	480	355	SLU_ENV	Max	0.65	0.	0.	0.
480	480	354	SLU_ENV	Max	0.95	0.	0.	0.
480	480	341	SLU_ENV	Min	-0.46	0.	0.	0.
480	480	342	SLU_ENV	Min	-1.27	0.	0.	0.
480	480	355	SLU_ENV	Min	-1.66	0.	0.	0.
480	480	354	SLU_ENV	Min	-0.85	0.	0.	0.
480	480	341	SLV_Ex		12.34	-28.01	-62.66	67.288
480	480	342	SLV_Ex		9.42	-16.37	-56.92	76.158
480	480	355	SLV_Ex		5.85	-16.61	-50.44	79.886
480	480	354	SLV_Ex		8.77	-28.86	-55.58	69.488
481	481	342	SLU_ENV	Max	1.19	0.	0.	0.
481	481	343	SLU_ENV	Max	1.02	0.	0.	0.
481	481	356	SLU_ENV	Max	0.44	0.	0.	0.
481	481	355	SLU_ENV	Max	0.6	0.	0.	0.
481	481	342	SLU_ENV	Min	-0.52	0.	0.	0.
481	481	343	SLU_ENV	Min	-8.689E-02	0.	0.	0.
481	481	356	SLU_ENV	Min	-0.39	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
481	481	355	SLU_ENV	Min	-0.82	0.	0.	0.
481	481	342	SLV_Ex		9.35	-17.13	-59.75	76.982
481	481	343	SLV_Ex		14.97	-2.8	-59.42	74.045
481	481	356	SLV_Ex		11.49	-4.65	-58.47	77.362
481	481	355	SLV_Ex		5.88	-18.57	-59.2	81.591
482	482	343	SLU_ENV	Max	0.53	0.	0.	0.
482	482	350	SLU_ENV	Max	0.23	0.	0.	0.
482	482	357	SLU_ENV	Max	2.805E-02	0.	0.	0.
482	482	356	SLU_ENV	Max	0.33	0.	0.	0.
482	482	343	SLU_ENV	Min	-0.1	0.	0.	0.
482	482	350	SLU_ENV	Min	-6.861E-03	0.	0.	0.
482	482	357	SLU_ENV	Min	-0.12	0.	0.	0.
482	482	356	SLU_ENV	Min	-0.21	0.	0.	0.
482	482	343	SLV_Ex		16.18	-4.2	-67.45	74.615
482	482	350	SLV_Ex		10.5	5.18	-62.25	80.924
482	482	357	SLV_Ex		6.05	5.25	-55.53	84.257
482	482	356	SLV_Ex		11.73	-4.9	-59.97	77.397
483	483	350	SLU_ENV	Max	6.859E-03	0.	0.	0.
483	483	351	SLU_ENV	Max	0.1	0.	0.	0.
483	483	358	SLU_ENV	Max	0.21	0.	0.	0.
483	483	357	SLU_ENV	Max	0.12	0.	0.	0.
483	483	350	SLU_ENV	Min	-0.23	0.	0.	0.
483	483	351	SLU_ENV	Min	-0.53	0.	0.	0.
483	483	358	SLU_ENV	Min	-0.33	0.	0.	0.
483	483	357	SLU_ENV	Min	-2.720E-02	0.	0.	0.
483	483	350	SLV_Ex		10.31	5.12	-62.24	81.082
483	483	351	SLV_Ex		15.33	20.86	-60.74	78.962
483	483	358	SLV_Ex		10.96	18.8	-62.18	82.149
483	483	357	SLV_Ex		5.94	3.44	-64.07	84.934
484	484	351	SLU_ENV	Max	8.674E-02	0.	0.	0.
484	484	352	SLU_ENV	Max	0.52	0.	0.	0.
484	484	359	SLU_ENV	Max	0.82	0.	0.	0.
484	484	358	SLU_ENV	Max	0.39	0.	0.	0.
484	484	351	SLU_ENV	Min	-1.02	0.	0.	0.
484	484	352	SLU_ENV	Min	-1.19	0.	0.	0.
484	484	359	SLU_ENV	Min	-0.6	0.	0.	0.
484	484	358	SLU_ENV	Min	-0.44	0.	0.	0.
484	484	351	SLV_Ex		13.19	18.1	-68.88	81.17
484	484	352	SLV_Ex		7.35	35.31	-63.63	85.731
484	484	359	SLV_Ex		4.58	35.5	-60.7	87.269
484	484	358	SLV_Ex		10.43	17.9	-65.55	82.764
485	485	352	SLU_ENV	Max	1.27	0.	0.	0.
485	485	353	SLU_ENV	Max	0.46	0.	0.	0.
485	485	360	SLU_ENV	Max	0.85	0.	0.	0.
485	485	359	SLU_ENV	Max	1.66	0.	0.	0.
485	485	352	SLU_ENV	Min	-1.51	0.	0.	0.
485	485	353	SLU_ENV	Min	-1.81	0.	0.	0.
485	485	360	SLU_ENV	Min	-0.95	0.	0.	0.
485	485	359	SLU_ENV	Min	-0.65	0.	0.	0.
485	485	352	SLV_Ex		6.55	33.87	-70.03	86.379
485	485	353	SLV_Ex		8.78	59.28	-65.19	85.943
485	485	360	SLV_Ex		6.46	58.34	-68.16	87.069
485	485	359	SLV_Ex		4.22	32.98	-73.04	87.714
486	486	353	SLU_ENV	Max	-1.	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
486	486	385	SLU_ENV	Max	8.95	0.	0.	0.
486	486	403	SLU_ENV	Max	9.54	0.	0.	0.
486	486	360	SLU_ENV	Max	-0.43	0.	0.	0.
486	486	353	SLU_ENV	Min	-4.26	0.	0.	0.
486	486	385	SLU_ENV	Min	-1.77	0.	0.	0.
486	486	403	SLU_ENV	Min	-0.35	0.	0.	0.
486	486	360	SLU_ENV	Min	-2.81	0.	0.	0.
486	486	353	SLV_Ex		5.26	55.93	-79.44	87.773
486	486	385	SLV_Ex		3.19	85.42	-73.38	88.85
486	486	403	SLV_Ex		3.88	85.41	-73.6	88.602
486	486	360	SLV_Ex		5.95	55.95	-79.69	87.484
487	487	89	SLU_ENV	Max	0.15	0.	0.	0.
487	487	354	SLU_ENV	Max	1.74	0.	0.	0.
487	487	361	SLU_ENV	Max	1.08	0.	0.	0.
487	487	142	SLU_ENV	Max	-0.51	0.	0.	0.
487	487	89	SLU_ENV	Min	-8.98	0.	0.	0.
487	487	354	SLU_ENV	Min	-0.18	0.	0.	0.
487	487	361	SLU_ENV	Min	-1.51	0.	0.	0.
487	487	142	SLU_ENV	Min	-10.31	0.	0.	0.
487	487	89	SLV_Ex		4.81	-43.17	-53.19	53.199
487	487	354	SLV_Ex		2.48	-31.54	-47.04	80.67
487	487	361	SLV_Ex		2.37	-31.14	-45.09	80.052
487	487	142	SLV_Ex		4.7	-42.26	-51.75	48.816
488	488	354	SLU_ENV	Max	-0.11	0.	0.	0.
488	488	355	SLU_ENV	Max	2.956E-02	0.	0.	0.
488	488	368	SLU_ENV	Max	-0.35	0.	0.	0.
488	488	361	SLU_ENV	Max	-0.46	0.	0.	0.
488	488	354	SLU_ENV	Min	-1.46	0.	0.	0.
488	488	355	SLU_ENV	Min	-1.92	0.	0.	0.
488	488	368	SLU_ENV	Min	-2.75	0.	0.	0.
488	488	361	SLU_ENV	Min	-2.32	0.	0.	0.
488	488	354	SLV_Ex		3.39	-32.54	-53.07	80.351
488	488	355	SLV_Ex		7.14	-16.88	-51.12	77.669
488	488	368	SLV_Ex		3.1	-18.62	-52.17	84.675
488	488	361	SLV_Ex		-0.65	-33.57	-54.84	-88.245
489	489	355	SLU_ENV	Max	-1.113E-02	0.	0.	0.
489	489	356	SLU_ENV	Max	-5.828E-03	0.	0.	0.
489	489	369	SLU_ENV	Max	-0.27	0.	0.	0.
489	489	368	SLU_ENV	Max	-0.27	0.	0.	0.
489	489	355	SLU_ENV	Min	-1.09	0.	0.	0.
489	489	356	SLU_ENV	Min	-0.62	0.	0.	0.
489	489	369	SLU_ENV	Min	-1.27	0.	0.	0.
489	489	368	SLU_ENV	Min	-1.76	0.	0.	0.
489	489	355	SLV_Ex		7.17	-18.93	-59.79	79.724
489	489	356	SLV_Ex		1.83	-7.8	-56.09	87.827
489	489	369	SLV_Ex		-1.22	-7.13	-52.54	-88.464
489	489	368	SLV_Ex		4.13	-19.05	-55.45	83.448
490	490	356	SLU_ENV	Max	-6.055E-02	0.	0.	0.
490	490	357	SLU_ENV	Max	2.793E-02	0.	0.	0.
490	490	370	SLU_ENV	Max	-3.086E-02	0.	0.	0.
490	490	369	SLU_ENV	Max	-9.960E-02	0.	0.	0.
490	490	356	SLU_ENV	Min	-0.49	0.	0.	0.
490	490	357	SLU_ENV	Min	-0.12	0.	0.	0.
490	490	370	SLU_ENV	Min	-0.23	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
490	490	369	SLU_ENV	Min	-0.63	0.	0.	0.
490	490	356	SLV_Ex		2.07	-8.08	-57.56	87.603
490	490	357	SLV_Ex		7.9	5.78	-55.92	82.583
490	490	370	SLV_Ex		3.55	4.19	-58.91	86.768
490	490	369	SLV_Ex		-2.28	-8.82	-61.39	-87.513
491	491	357	SLU_ENV	Max	0.12	0.	0.	0.
491	491	358	SLU_ENV	Max	0.49	0.	0.	0.
491	491	371	SLU_ENV	Max	0.63	0.	0.	0.
491	491	370	SLU_ENV	Max	0.23	0.	0.	0.
491	491	357	SLU_ENV	Min	-2.732E-02	0.	0.	0.
491	491	358	SLU_ENV	Min	6.077E-02	0.	0.	0.
491	491	371	SLU_ENV	Min	9.979E-02	0.	0.	0.
491	491	370	SLU_ENV	Min	3.102E-02	0.	0.	0.
491	491	357	SLV_Ex		7.79	3.93	-64.42	83.415
491	491	358	SLV_Ex		2.09	18.29	-60.53	88.477
491	491	371	SLV_Ex		-2.21	19.06	-56.73	-88.33
491	491	370	SLV_Ex		3.48	3.98	-59.9	86.869
492	492	358	SLU_ENV	Max	0.62	0.	0.	0.
492	492	359	SLU_ENV	Max	1.09	0.	0.	0.
492	492	372	SLU_ENV	Max	1.76	0.	0.	0.
492	492	371	SLU_ENV	Max	1.27	0.	0.	0.
492	492	358	SLU_ENV	Min	6.551E-03	0.	0.	0.
492	492	359	SLU_ENV	Min	1.130E-02	0.	0.	0.
492	492	372	SLU_ENV	Min	0.27	0.	0.	0.
492	492	371	SLU_ENV	Min	0.28	0.	0.	0.
492	492	358	SLV_Ex		1.56	17.55	-64.06	88.902
492	492	359	SLV_Ex		6.54	36.9	-60.69	86.15
492	492	372	SLV_Ex		4.39	36.05	-63.45	87.467
492	492	371	SLV_Ex		-0.58	16.93	-67.04	-89.605
493	493	359	SLU_ENV	Max	1.92	0.	0.	0.
493	493	360	SLU_ENV	Max	1.46	0.	0.	0.
493	493	373	SLU_ENV	Max	2.32	0.	0.	0.
493	493	372	SLU_ENV	Max	2.75	0.	0.	0.
493	493	359	SLU_ENV	Min	-2.893E-02	0.	0.	0.
493	493	360	SLU_ENV	Min	0.11	0.	0.	0.
493	493	373	SLU_ENV	Min	0.46	0.	0.	0.
493	493	372	SLU_ENV	Min	0.35	0.	0.	0.
493	493	359	SLV_Ex		6.18	34.33	-72.99	86.692
493	493	360	SLV_Ex		3.02	59.36	-67.65	88.637
493	493	373	SLV_Ex		0.42	59.7	-65.53	89.808
493	493	372	SLV_Ex		3.58	34.51	-70.71	88.048
494	494	360	SLU_ENV	Max	0.18	0.	0.	0.
494	494	403	SLU_ENV	Max	8.98	0.	0.	0.
494	494	421	SLU_ENV	Max	10.31	0.	0.	0.
494	494	373	SLU_ENV	Max	1.51	0.	0.	0.
494	494	360	SLU_ENV	Min	-1.74	0.	0.	0.
494	494	403	SLU_ENV	Min	-0.15	0.	0.	0.
494	494	421	SLU_ENV	Min	0.51	0.	0.	0.
494	494	373	SLU_ENV	Min	-1.08	0.	0.	0.
494	494	360	SLV_Ex		2.51	57.01	-79.22	88.945
494	494	403	SLV_Ex		3.52	85.21	-73.62	88.73
494	494	421	SLV_Ex		4.85	84.99	-75.16	88.262
494	494	373	SLV_Ex		3.85	56.78	-80.75	88.397
495	495	142	SLU_ENV	Max	-0.61	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
495	495	361	SLU_ENV	Max	0.66	0.	0.	0.
495	495	374	SLU_ENV	Max	-0.32	0.	0.	0.
495	495	169	SLU_ENV	Max	-1.27	0.	0.	0.
495	495	142	SLU_ENV	Min	-9.28	0.	0.	0.
495	495	361	SLU_ENV	Min	-2.45	0.	0.	0.
495	495	374	SLU_ENV	Min	-4.05	0.	0.	0.
495	495	169	SLU_ENV	Min	-11.2	0.	0.	0.
495	495	142	SLV_Ex		0.33	-46.03	-47.65	78.025
495	495	361	SLV_Ex		3.46	-28.26	-44.91	77.737
495	495	374	SLV_Ex		-1.39	-29.59	-47.66	-85.584
495	495	169	SLV_Ex		-4.52	-43.9	-53.86	-57.446
496	496	361	SLU_ENV	Max	-0.82	0.	0.	0.
496	496	368	SLU_ENV	Max	-0.73	0.	0.	0.
496	496	375	SLU_ENV	Max	-1.05	0.	0.	0.
496	496	374	SLU_ENV	Max	-1.14	0.	0.	0.
496	496	361	SLU_ENV	Min	-3.31	0.	0.	0.
496	496	368	SLU_ENV	Min	-3.64	0.	0.	0.
496	496	375	SLU_ENV	Min	-4.4	0.	0.	0.
496	496	374	SLU_ENV	Min	-4.07	0.	0.	0.
496	496	361	SLV_Ex		0.43	-31.04	-54.32	88.938
496	496	368	SLV_Ex		-5.35	-17.45	-52.59	-81.13
496	496	375	SLV_Ex		-4.95	-17.41	-51.73	-81.623
496	496	374	SLV_Ex		0.84	-30.86	-53.59	87.885
497	497	368	SLU_ENV	Max	-0.65	0.	0.	0.
497	497	369	SLU_ENV	Max	-0.37	0.	0.	0.
497	497	376	SLU_ENV	Max	-0.56	0.	0.	0.
497	497	375	SLU_ENV	Max	-0.84	0.	0.	0.
497	497	368	SLU_ENV	Min	-2.65	0.	0.	0.
497	497	369	SLU_ENV	Min	-1.58	0.	0.	0.
497	497	376	SLU_ENV	Min	-2.14	0.	0.	0.
497	497	375	SLU_ENV	Min	-3.2	0.	0.	0.
497	497	368	SLV_Ex		-4.33	-18.39	-55.37	-83.23
497	497	369	SLV_Ex		1.12	-5.43	-52.19	88.622
497	497	376	SLV_Ex		-4.25	-6.55	-59.66	-85.393
497	497	375	SLV_Ex		-9.7	-18.19	-64.16	-77.513
498	498	369	SLU_ENV	Max	-0.2	0.	0.	0.
498	498	370	SLU_ENV	Max	-3.086E-02	0.	0.	0.
498	498	377	SLU_ENV	Max	-0.24	0.	0.	0.
498	498	376	SLU_ENV	Max	-0.4	0.	0.	0.
498	498	369	SLU_ENV	Min	-0.94	0.	0.	0.
498	498	370	SLU_ENV	Min	-0.23	0.	0.	0.
498	498	377	SLU_ENV	Min	-0.69	0.	0.	0.
498	498	376	SLU_ENV	Min	-1.4	0.	0.	0.
498	498	369	SLV_Ex		6.150E-02	-7.21	-60.95	89.934
498	498	370	SLV_Ex		-7.1	4.74	-59.51	-83.617
498	498	377	SLV_Ex		-11.35	6.5	-58.27	-79.742
498	498	376	SLV_Ex		-4.19	-6.38	-58.79	-85.398
499	499	370	SLU_ENV	Max	0.23	0.	0.	0.
499	499	371	SLU_ENV	Max	0.94	0.	0.	0.
499	499	378	SLU_ENV	Max	1.4	0.	0.	0.
499	499	377	SLU_ENV	Max	0.69	0.	0.	0.
499	499	370	SLU_ENV	Min	3.103E-02	0.	0.	0.
499	499	371	SLU_ENV	Min	0.2	0.	0.	0.
499	499	378	SLU_ENV	Min	0.4	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
499	499	377	SLU_ENV	Min	0.24	0.	0.	0.
499	499	370	SLV_Ex		-7.17	4.54	-60.52	-83.637
499	499	371	SLV_Ex		0.27	16.8	-57.11	89.789
499	499	378	SLV_Ex		-3.12	16.02	-61.76	-87.698
499	499	377	SLV_Ex		-10.56	4.46	-65.87	-81.262
500	500	371	SLU_ENV	Max	1.58	0.	0.	0.
500	500	372	SLU_ENV	Max	2.65	0.	0.	0.
500	500	379	SLU_ENV	Max	3.2	0.	0.	0.
500	500	378	SLU_ENV	Max	2.14	0.	0.	0.
500	500	371	SLU_ENV	Min	0.37	0.	0.	0.
500	500	372	SLU_ENV	Min	0.65	0.	0.	0.
500	500	379	SLU_ENV	Min	0.84	0.	0.	0.
500	500	378	SLU_ENV	Min	0.56	0.	0.	0.
500	500	371	SLV_Ex		1.9	14.77	-67.52	88.677
500	500	372	SLV_Ex		-2.37	34.79	-63.54	-88.619
500	500	379	SLV_Ex		-7.46	36.26	-59.36	-85.511
500	500	378	SLV_Ex		-3.19	15.8	-62.9	-87.674
501	501	372	SLU_ENV	Max	3.64	0.	0.	0.
501	501	373	SLU_ENV	Max	3.31	0.	0.	0.
501	501	386	SLU_ENV	Max	4.07	0.	0.	0.
501	501	379	SLU_ENV	Max	4.4	0.	0.	0.
501	501	372	SLU_ENV	Min	0.73	0.	0.	0.
501	501	373	SLU_ENV	Min	0.82	0.	0.	0.
501	501	386	SLU_ENV	Min	1.14	0.	0.	0.
501	501	379	SLU_ENV	Min	1.05	0.	0.	0.
501	501	372	SLV_Ex		-3.18	33.36	-70.91	-88.251
501	501	373	SLV_Ex		2.55	56.63	-66.21	88.808
501	501	386	SLV_Ex		4.07	56.46	-67.52	88.117
501	501	379	SLV_Ex		-1.66	33.05	-72.07	-89.094
502	502	373	SLU_ENV	Max	2.45	0.	0.	0.
502	502	421	SLU_ENV	Max	9.28	0.	0.	0.
502	502	439	SLU_ENV	Max	11.2	0.	0.	0.
502	502	386	SLU_ENV	Max	4.05	0.	0.	0.
502	502	373	SLU_ENV	Min	-0.66	0.	0.	0.
502	502	421	SLU_ENV	Min	0.61	0.	0.	0.
502	502	439	SLU_ENV	Min	1.27	0.	0.	0.
502	502	386	SLU_ENV	Min	0.32	0.	0.	0.
502	502	373	SLV_Ex		5.98	53.81	-81.53	87.466
502	502	421	SLV_Ex		3.22	84.5	-75.15	88.845
502	502	439	SLV_Ex		0.28	84.87	-72.94	89.897
502	502	386	SLV_Ex		3.05	54.05	-79.18	88.69
503	503	169	SLU_ENV	Max	-1.21	0.	0.	0.
503	503	374	SLU_ENV	Max	-1.03	0.	0.	0.
503	503	387	SLU_ENV	Max	-1.86	0.	0.	0.
503	503	196	SLU_ENV	Max	-1.62	0.	0.	0.
503	503	169	SLU_ENV	Min	-9.23	0.	0.	0.
503	503	374	SLU_ENV	Min	-5.42	0.	0.	0.
503	503	387	SLU_ENV	Min	-6.67	0.	0.	0.
503	503	196	SLU_ENV	Min	-10.91	0.	0.	0.
503	503	169	SLV_Ex		-8.18	-37.76	-55.6	-56.761
503	503	374	SLV_Ex		-7.23	-26.02	-49.77	-71.232
503	503	387	SLV_Ex		1.57	-28.38	-47.6	85.293
503	503	196	SLV_Ex		0.63	-43.1	-50.45	85.076
504	504	374	SLU_ENV	Max	-1.73	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
504	504	375	SLU_ENV	Max	-1.18	0.	0.	0.
504	504	388	SLU_ENV	Max	-1.61	0.	0.	0.
504	504	387	SLU_ENV	Max	-2.16	0.	0.	0.
504	504	374	SLU_ENV	Min	-5.57	0.	0.	0.
504	504	375	SLU_ENV	Min	-4.85	0.	0.	0.
504	504	388	SLU_ENV	Min	-5.85	0.	0.	0.
504	504	387	SLU_ENV	Min	-6.58	0.	0.	0.
504	504	374	SLV_Ex		-5.01	-28.67	-54.33	-78.514
504	504	375	SLV_Ex		-1.2	-10.62	-49.54	-88.231
504	504	388	SLV_Ex		-8.5	-11.56	-62.76	-80.3
504	504	387	SLV_Ex		-12.31	-27.96	-69.19	-71.666
505	505	375	SLU_ENV	Max	-0.96	0.	0.	0.
505	505	376	SLU_ENV	Max	-0.87	0.	0.	0.
505	505	389	SLU_ENV	Max	-1.33	0.	0.	0.
505	505	388	SLU_ENV	Max	-1.43	0.	0.	0.
505	505	375	SLU_ENV	Min	-3.65	0.	0.	0.
505	505	376	SLU_ENV	Min	-2.86	0.	0.	0.
505	505	389	SLU_ENV	Min	-3.97	0.	0.	0.
505	505	388	SLU_ENV	Min	-4.76	0.	0.	0.
505	505	375	SLV_Ex		-5.96	-12.12	-61.25	-82.98
505	505	376	SLV_Ex		-16.55	0.29	-63.45	-74.354
505	505	389	SLV_Ex		-18.16	0.93	-65.09	-73.315
505	505	388	SLV_Ex		-7.56	-11.87	-62.5	-81.31
506	506	376	SLU_ENV	Max	-0.71	0.	0.	0.
506	506	377	SLU_ENV	Max	-0.24	0.	0.	0.
506	506	390	SLU_ENV	Max	-9.834E-02	0.	0.	0.
506	506	389	SLU_ENV	Max	-0.57	0.	0.	0.
506	506	376	SLU_ENV	Min	-2.12	0.	0.	0.
506	506	377	SLU_ENV	Min	-0.69	0.	0.	0.
506	506	390	SLU_ENV	Min	-0.51	0.	0.	0.
506	506	389	SLU_ENV	Min	-1.94	0.	0.	0.
506	506	376	SLV_Ex		-16.49	0.48	-62.6	-74.237
506	506	377	SLV_Ex		-8.12	5.02	-57.39	-82.458
506	506	390	SLV_Ex		-13.71	4.64	-68.78	-79.034
506	506	389	SLV_Ex		-22.08	0.96	-74.85	-72.184
507	507	377	SLU_ENV	Max	0.69	0.	0.	0.
507	507	378	SLU_ENV	Max	2.12	0.	0.	0.
507	507	391	SLU_ENV	Max	1.94	0.	0.	0.
507	507	390	SLU_ENV	Max	0.51	0.	0.	0.
507	507	377	SLU_ENV	Min	0.24	0.	0.	0.
507	507	378	SLU_ENV	Min	0.71	0.	0.	0.
507	507	391	SLU_ENV	Min	0.57	0.	0.	0.
507	507	390	SLU_ENV	Min	9.844E-02	0.	0.	0.
507	507	377	SLV_Ex		-7.33	3.13	-65.14	-83.801
507	507	378	SLV_Ex		-14.39	15.62	-64.88	-79.528
507	507	391	SLV_Ex		-21.35	19.64	-63.97	-74.648
507	507	390	SLV_Ex		-14.29	6.23	-63.31	-77.867
508	508	378	SLU_ENV	Max	2.86	0.	0.	0.
508	508	379	SLU_ENV	Max	3.65	0.	0.	0.
508	508	392	SLU_ENV	Max	4.76	0.	0.	0.
508	508	391	SLU_ENV	Max	3.97	0.	0.	0.
508	508	378	SLU_ENV	Min	0.87	0.	0.	0.
508	508	379	SLU_ENV	Min	0.96	0.	0.	0.
508	508	392	SLU_ENV	Min	1.43	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
508	508	391	SLU_ENV	Min	1.33	0.	0.	0.
508	508	378	SLV_Ex		-14.46	15.38	-66.02	-79.597
508	508	379	SLV_Ex		-4.08	27.06	-60.72	-87.336
508	508	392	SLV_Ex		-4.54	26.56	-63.45	-87.107
508	508	391	SLV_Ex		-14.92	14.94	-68.8	-79.563
509	509	379	SLU_ENV	Max	4.85	0.	0.	0.
509	509	386	SLU_ENV	Max	5.57	0.	0.	0.
509	509	393	SLU_ENV	Max	6.58	0.	0.	0.
509	509	392	SLU_ENV	Max	5.85	0.	0.	0.
509	509	379	SLU_ENV	Min	1.18	0.	0.	0.
509	509	386	SLU_ENV	Min	1.73	0.	0.	0.
509	509	393	SLU_ENV	Min	2.16	0.	0.	0.
509	509	392	SLU_ENV	Min	1.61	0.	0.	0.
509	509	379	SLV_Ex		1.72	24.25	-73.83	88.992
509	509	386	SLV_Ex		0.37	53.48	-67.95	89.826
509	509	393	SLV_Ex		-6.06	55.19	-61.3	-87.014
509	509	392	SLV_Ex		-4.7	25.85	-67.08	-87.095
510	510	386	SLU_ENV	Max	5.42	0.	0.	0.
510	510	439	SLU_ENV	Max	9.23	0.	0.	0.
510	510	457	SLU_ENV	Max	10.91	0.	0.	0.
510	510	393	SLU_ENV	Max	6.67	0.	0.	0.
510	510	386	SLU_ENV	Min	1.03	0.	0.	0.
510	510	439	SLU_ENV	Min	1.21	0.	0.	0.
510	510	457	SLU_ENV	Min	1.62	0.	0.	0.
510	510	393	SLU_ENV	Min	1.86	0.	0.	0.
510	510	386	SLV_Ex		-0.66	51.14	-79.69	-89.712
510	510	439	SLV_Ex		-0.54	81.07	-73.7	-89.801
510	510	457	SLV_Ex		7.24	81.27	-74.7	87.338
510	510	393	SLV_Ex		7.11	51.38	-80.73	86.908
511	511	196	SLU_ENV	Max	-1.27	0.	0.	0.
511	511	387	SLU_ENV	Max	-2.13	0.	0.	0.
511	511	394	SLU_ENV	Max	-3.93	0.	0.	0.
511	511	223	SLU_ENV	Max	-2.65	0.	0.	0.
511	511	196	SLU_ENV	Min	-7.67	0.	0.	0.
511	511	387	SLU_ENV	Min	-7.44	0.	0.	0.
511	511	394	SLU_ENV	Min	-10.99	0.	0.	0.
511	511	223	SLU_ENV	Min	-11.65	0.	0.	0.
511	511	196	SLV_Ex		-7.73	-38.72	-55.59	-56.774
511	511	387	SLV_Ex		8.68	-12.66	-47.12	74.869
511	511	394	SLV_Ex		0.83	-18.71	-63.37	88.941
511	511	223	SLV_Ex		-15.59	-39.34	-77.27	-62.364
512	512	387	SLU_ENV	Max	-2.33	0.	0.	0.
512	512	388	SLU_ENV	Max	-2.41	0.	0.	0.
512	512	395	SLU_ENV	Max	-2.85	0.	0.	0.
512	512	394	SLU_ENV	Max	-2.77	0.	0.	0.
512	512	387	SLU_ENV	Min	-7.43	0.	0.	0.
512	512	388	SLU_ENV	Min	-7.61	0.	0.	0.
512	512	395	SLU_ENV	Min	-8.6	0.	0.	0.
512	512	394	SLU_ENV	Min	-8.42	0.	0.	0.
512	512	387	SLV_Ex		-5.2	-17.93	-63.02	-83.333
512	512	388	SLV_Ex		-21.56	1.6	-67.45	-70.682
512	512	395	SLV_Ex		-16.75	-1.59	-66.19	-74.379
512	512	394	SLV_Ex		-0.39	-18.86	-64.03	-89.5
513	513	388	SLU_ENV	Max	-2.23	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
513	513	389	SLU_ENV	Max	-1.35	0.	0.	0.
513	513	396	SLU_ENV	Max	-1.58	0.	0.	0.
513	513	395	SLU_ENV	Max	-2.46	0.	0.	0.
513	513	388	SLU_ENV	Min	-6.52	0.	0.	0.
513	513	389	SLU_ENV	Min	-4.18	0.	0.	0.
513	513	396	SLU_ENV	Min	-4.92	0.	0.	0.
513	513	395	SLU_ENV	Min	-7.27	0.	0.	0.
513	513	388	SLV_Ex		-20.62	1.01	-66.91	-71.311
513	513	389	SLV_Ex		-12.62	6.42	-60.43	-78.908
513	513	396	SLV_Ex		-20.	5.41	-80.36	-76.099
513	513	395	SLV_Ex		-28.	0.6	-87.45	-70.252
514	514	389	SLU_ENV	Max	-0.59	0.	0.	0.
514	514	390	SLU_ENV	Max	-9.833E-02	0.	0.	0.
514	514	397	SLU_ENV	Max	-0.91	0.	0.	0.
514	514	396	SLU_ENV	Max	-1.4	0.	0.	0.
514	514	389	SLU_ENV	Min	-2.15	0.	0.	0.
514	514	390	SLU_ENV	Min	-0.51	0.	0.	0.
514	514	397	SLU_ENV	Min	-2.2	0.	0.	0.
514	514	396	SLU_ENV	Min	-3.83	0.	0.	0.
514	514	389	SLV_Ex		-16.55	6.12	-69.85	-77.088
514	514	390	SLV_Ex		-30.06	13.63	-77.41	-69.331
514	514	397	SLV_Ex		-36.94	18.61	-81.73	-66.294
514	514	396	SLV_Ex		-23.42	9.73	-72.79	-72.708
515	515	390	SLU_ENV	Max	0.51	0.	0.	0.
515	515	391	SLU_ENV	Max	2.15	0.	0.	0.
515	515	404	SLU_ENV	Max	3.83	0.	0.	0.
515	515	397	SLU_ENV	Max	2.2	0.	0.	0.
515	515	390	SLU_ENV	Min	9.845E-02	0.	0.	0.
515	515	391	SLU_ENV	Min	0.59	0.	0.	0.
515	515	404	SLU_ENV	Min	1.4	0.	0.	0.
515	515	397	SLU_ENV	Min	0.91	0.	0.	0.
515	515	390	SLV_Ex		-30.64	15.82	-72.53	-68.04
515	515	391	SLV_Ex		-17.14	8.33	-64.36	-75.926
515	515	404	SLV_Ex		-20.87	7.98	-74.39	-74.775
515	515	397	SLV_Ex		-34.37	15.71	-82.79	-67.874
516	516	391	SLU_ENV	Max	4.18	0.	0.	0.
516	516	392	SLU_ENV	Max	6.52	0.	0.	0.
516	516	405	SLU_ENV	Max	7.27	0.	0.	0.
516	516	404	SLU_ENV	Max	4.92	0.	0.	0.
516	516	391	SLU_ENV	Min	1.35	0.	0.	0.
516	516	392	SLU_ENV	Min	2.23	0.	0.	0.
516	516	405	SLU_ENV	Min	2.47	0.	0.	0.
516	516	404	SLU_ENV	Min	1.58	0.	0.	0.
516	516	391	SLV_Ex		-10.72	4.03	-69.6	-81.538
516	516	392	SLV_Ex		-15.14	21.12	-67.47	-80.007
516	516	405	SLV_Ex		-24.31	26.7	-65.27	-74.044
516	516	404	SLV_Ex		-19.89	9.32	-67.11	-74.32
517	517	392	SLU_ENV	Max	7.61	0.	0.	0.
517	517	393	SLU_ENV	Max	7.43	0.	0.	0.
517	517	406	SLU_ENV	Max	8.42	0.	0.	0.
517	517	405	SLU_ENV	Max	8.6	0.	0.	0.
517	517	392	SLU_ENV	Min	2.41	0.	0.	0.
517	517	393	SLU_ENV	Min	2.33	0.	0.	0.
517	517	406	SLU_ENV	Min	2.77	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
517	517	405	SLU_ENV	Min	2.85	0.	0.	0.
517	517	392	SLV_Ex		-15.31	20.37	-71.06	-80.219
517	517	393	SLV_Ex		-1.09	39.69	-64.04	-89.399
517	517	406	SLV_Ex		3.57	39.14	-67.44	88.077
517	517	405	SLV_Ex		-10.64	18.33	-72.97	-83.258
518	518	393	SLU_ENV	Max	7.44	0.	0.	0.
518	518	457	SLU_ENV	Max	7.67	0.	0.	0.
518	518	475	SLU_ENV	Max	11.65	0.	0.	0.
518	518	406	SLU_ENV	Max	10.99	0.	0.	0.
518	518	393	SLU_ENV	Min	2.13	0.	0.	0.
518	518	457	SLU_ENV	Min	1.27	0.	0.	0.
518	518	475	SLU_ENV	Min	2.65	0.	0.	0.
518	518	406	SLU_ENV	Min	3.93	0.	0.	0.
518	518	393	SLV_Ex		12.09	37.02	-84.6	84.268
518	518	457	SLV_Ex		4.51	81.25	-74.45	88.338
518	518	475	SLV_Ex		-2.61	83.07	-64.83	-88.989
518	518	406	SLV_Ex		4.96	37.93	-74.07	87.458
519	519	223	SLU_ENV	Max	-0.26	0.	0.	0.
519	519	394	SLU_ENV	Max	-5.46	0.	0.	0.
519	519	407	SLU_ENV	Max	-6.8	0.	0.	0.
519	519	250	SLU_ENV	Max	-2.03	0.	0.	0.
519	519	223	SLU_ENV	Min	-4.71	0.	0.	0.
519	519	394	SLU_ENV	Min	-14.41	0.	0.	0.
519	519	407	SLU_ENV	Min	-19.06	0.	0.	0.
519	519	250	SLU_ENV	Min	-8.93	0.	0.	0.
519	519	223	SLV_Ex		-23.64	-25.86	-80.9	-60.396
519	519	394	SLV_Ex		-10.39	-7.03	-63.4	-79.18
519	519	407	SLV_Ex		16.29	-1.83	-57.25	71.994
519	519	250	SLV_Ex		3.04	-36.96	-58.45	81.779
520	520	394	SLU_ENV	Max	-4.24	0.	0.	0.
520	520	395	SLU_ENV	Max	-2.71	0.	0.	0.
520	520	408	SLU_ENV	Max	-3.91	0.	0.	0.
520	520	407	SLU_ENV	Max	-5.44	0.	0.	0.
520	520	394	SLU_ENV	Min	-11.9	0.	0.	0.
520	520	395	SLU_ENV	Min	-8.61	0.	0.	0.
520	520	408	SLU_ENV	Min	-11.26	0.	0.	0.
520	520	407	SLU_ENV	Min	-14.56	0.	0.	0.
520	520	394	SLV_Ex		-11.61	-6.72	-64.52	-78.154
520	520	395	SLV_Ex		-5.47	16.75	-57.39	-85.76
520	520	408	SLV_Ex		-19.89	14.27	-90.83	-78.881
520	520	407	SLV_Ex		-26.03	-7.15	-100.01	-72.946
521	521	395	SLU_ENV	Max	-2.33	0.	0.	0.
521	521	396	SLU_ENV	Max	-2.66	0.	0.	0.
521	521	409	SLU_ENV	Max	-4.07	0.	0.	0.
521	521	408	SLU_ENV	Max	-3.74	0.	0.	0.
521	521	395	SLU_ENV	Min	-7.28	0.	0.	0.
521	521	396	SLU_ENV	Min	-7.23	0.	0.	0.
521	521	409	SLU_ENV	Min	-10.14	0.	0.	0.
521	521	408	SLU_ENV	Min	-10.18	0.	0.	0.
521	521	395	SLV_Ex		-16.71	16.3	-76.	-79.385
521	521	396	SLV_Ex		-40.68	21.89	-91.72	-67.131
521	521	409	SLV_Ex		-49.25	32.12	-89.16	-62.847
521	521	408	SLV_Ex		-25.28	22.82	-69.73	-73.442
522	522	396	SLU_ENV	Max	-2.48	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
522	522	397	SLU_ENV	Max	-0.91	0.	0.	0.
522	522	410	SLU_ENV	Max	0.23	0.	0.	0.
522	522	409	SLU_ENV	Max	-1.33	0.	0.	0.
522	522	396	SLU_ENV	Min	-6.14	0.	0.	0.
522	522	397	SLU_ENV	Min	-2.2	0.	0.	0.
522	522	410	SLU_ENV	Min	9.152E-02	0.	0.	0.
522	522	409	SLU_ENV	Min	-3.85	0.	0.	0.
522	522	396	SLV_Ex		-44.1	27.76	-85.69	-64.488
522	522	397	SLV_Ex		-30.58	12.93	-77.66	-68.769
522	522	410	SLV_Ex		-30.09	10.57	-83.51	-70.116
522	522	409	SLV_Ex		-43.61	25.04	-91.19	-65.691
523	523	397	SLU_ENV	Max	2.2	0.	0.	0.
523	523	404	SLU_ENV	Max	6.14	0.	0.	0.
523	523	411	SLU_ENV	Max	3.85	0.	0.	0.
523	523	410	SLU_ENV	Max	-9.179E-02	0.	0.	0.
523	523	397	SLU_ENV	Min	0.91	0.	0.	0.
523	523	404	SLU_ENV	Min	2.48	0.	0.	0.
523	523	411	SLU_ENV	Min	1.33	0.	0.	0.
523	523	410	SLU_ENV	Min	-0.23	0.	0.	0.
523	523	397	SLV_Ex		-28.01	10.28	-78.97	-70.561
523	523	404	SLV_Ex		-38.69	17.19	-86.52	-65.874
523	523	411	SLV_Ex		-43.73	18.77	-95.98	-65.176
523	523	410	SLV_Ex		-33.05	11.6	-88.16	-69.254
524	524	404	SLU_ENV	Max	7.23	0.	0.	0.
524	524	405	SLU_ENV	Max	7.28	0.	0.	0.
524	524	412	SLU_ENV	Max	10.18	0.	0.	0.
524	524	411	SLU_ENV	Max	10.14	0.	0.	0.
524	524	404	SLU_ENV	Min	2.66	0.	0.	0.
524	524	405	SLU_ENV	Min	2.33	0.	0.	0.
524	524	412	SLU_ENV	Min	3.74	0.	0.	0.
524	524	411	SLU_ENV	Min	4.07	0.	0.	0.
524	524	404	SLV_Ex		-37.7	18.87	-79.59	-65.008
524	524	405	SLV_Ex		-17.68	2.2	-67.61	-74.778
524	524	412	SLV_Ex		-21.64	-1.02	-88.98	-75.264
524	524	411	SLV_Ex		-41.66	14.99	-100.3	-66.866
525	525	405	SLU_ENV	Max	8.61	0.	0.	0.
525	525	406	SLU_ENV	Max	11.9	0.	0.	0.
525	525	413	SLU_ENV	Max	14.56	0.	0.	0.
525	525	412	SLU_ENV	Max	11.26	0.	0.	0.
525	525	405	SLU_ENV	Min	2.71	0.	0.	0.
525	525	406	SLU_ENV	Min	4.24	0.	0.	0.
525	525	413	SLU_ENV	Min	5.44	0.	0.	0.
525	525	412	SLU_ENV	Min	3.91	0.	0.	0.
525	525	405	SLV_Ex		-4.02	-5.06	-76.41	-86.764
525	525	406	SLV_Ex		-4.3	28.01	-69.75	-87.477
525	525	413	SLV_Ex		-18.99	33.5	-64.22	-78.564
525	525	412	SLV_Ex		-18.71	1.64	-72.1	-74.753
526	526	406	SLU_ENV	Max	14.41	0.	0.	0.
526	526	475	SLU_ENV	Max	4.71	0.	0.	0.
526	526	493	SLU_ENV	Max	8.93	0.	0.	0.
526	526	413	SLU_ENV	Max	19.06	0.	0.	0.
526	526	406	SLU_ENV	Min	5.46	0.	0.	0.
526	526	475	SLU_ENV	Min	0.26	0.	0.	0.
526	526	493	SLU_ENV	Min	2.03	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
526	526	413	SLU_ENV	Min	6.8	0.	0.	0.
526	526	406	SLV_Ex		-2.91	26.6	-76.17	-88.376
526	526	475	SLV_Ex		-5.71	72.62	-67.15	-87.658
526	526	493	SLV_Ex		11.8	70.12	-83.69	85.588
526	526	413	SLV_Ex		14.59	25.16	-93.77	82.898
527	527	250	SLU_ENV	Max	10.5	0.	0.	0.
527	527	407	SLU_ENV	Max	-6.93	0.	0.	0.
527	527	414	SLU_ENV	Max	-13.37	0.	0.	0.
527	527	277	SLU_ENV	Max	-4.7	0.	0.	0.
527	527	250	SLU_ENV	Min	-0.54	0.	0.	0.
527	527	407	SLU_ENV	Min	-22.45	0.	0.	0.
527	527	414	SLU_ENV	Min	-42.15	0.	0.	0.
527	527	277	SLU_ENV	Min	-11.47	0.	0.	0.
527	527	250	SLV_Ex		-11.46	-27.59	-61.41	-68.677
527	527	407	SLV_Ex		39.44	56.28	-58.18	68.222
527	527	414	SLV_Ex		-1.1	24.9	-120.62	-89.567
527	527	277	SLV_Ex		-51.99	-23.49	-159.34	-65.029
528	528	407	SLU_ENV	Max	-6.14	0.	0.	0.
528	528	408	SLU_ENV	Max	-6.83	0.	0.	0.
528	528	415	SLU_ENV	Max	-8.11	0.	0.	0.
528	528	414	SLU_ENV	Max	-7.38	0.	0.	0.
528	528	407	SLU_ENV	Min	-17.37	0.	0.	0.
528	528	408	SLU_ENV	Min	-17.21	0.	0.	0.
528	528	415	SLU_ENV	Min	-19.05	0.	0.	0.
528	528	414	SLU_ENV	Min	-19.25	0.	0.	0.
528	528	407	SLV_Ex		-2.89	32.59	-82.56	-88.562
528	528	408	SLV_Ex		-55.99	36.05	-112.38	-65.514
528	528	415	SLV_Ex		-73.41	78.1	-75.39	-53.473
528	528	414	SLV_Ex		-20.31	51.72	-22.66	-73.448
529	529	408	SLU_ENV	Max	-6.66	0.	0.	0.
529	529	409	SLU_ENV	Max	-3.18	0.	0.	0.
529	529	422	SLU_ENV	Max	-0.6	0.	0.	0.
529	529	415	SLU_ENV	Max	-4.08	0.	0.	0.
529	529	408	SLU_ENV	Min	-16.13	0.	0.	0.
529	529	409	SLU_ENV	Min	-8.27	0.	0.	0.
529	529	422	SLU_ENV	Min	-2.71	0.	0.	0.
529	529	415	SLU_ENV	Min	-10.57	0.	0.	0.
529	529	408	SLV_Ex		-61.38	49.29	-95.97	-61.16
529	529	409	SLV_Ex		-35.86	16.73	-80.79	-66.327
529	529	422	SLV_Ex		-20.53	13.15	-49.93	-69.695
529	529	415	SLV_Ex		-46.05	45.12	-64.51	-61.427
530	530	409	SLU_ENV	Max	-0.44	0.	0.	0.
530	530	410	SLU_ENV	Max	0.23	0.	0.	0.
530	530	423	SLU_ENV	Max	-1.46	0.	0.	0.
530	530	422	SLU_ENV	Max	-2.13	0.	0.	0.
530	530	409	SLU_ENV	Min	-1.98	0.	0.	0.
530	530	410	SLU_ENV	Min	9.157E-02	0.	0.	0.
530	530	423	SLU_ENV	Min	-3.18	0.	0.	0.
530	530	422	SLU_ENV	Min	-5.26	0.	0.	0.
530	530	409	SLV_Ex		-30.22	10.47	-83.65	-70.024
530	530	410	SLV_Ex		-41.48	21.36	-90.42	-66.039
530	530	423	SLV_Ex		-41.9	23.55	-85.94	-65.028
530	530	422	SLV_Ex		-30.64	12.4	-78.92	-68.927
531	531	410	SLU_ENV	Max	-9.174E-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
531	531	411	SLU_ENV	Max	1.98	0.	0.	0.
531	531	424	SLU_ENV	Max	5.25	0.	0.	0.
531	531	423	SLU_ENV	Max	3.18	0.	0.	0.
531	531	410	SLU_ENV	Min	-0.23	0.	0.	0.
531	531	411	SLU_ENV	Min	0.44	0.	0.	0.
531	531	424	SLU_ENV	Min	2.13	0.	0.	0.
531	531	423	SLU_ENV	Min	1.46	0.	0.	0.
531	531	410	SLV_Ex		-44.44	22.56	-95.24	-65.51
531	531	411	SLV_Ex		-34.31	13.65	-88.6	-68.924
531	531	424	SLV_Ex		-26.89	2.92	-105.69	-75.158
531	531	423	SLV_Ex		-37.02	10.32	-110.81	-71.16
532	532	411	SLU_ENV	Max	8.27	0.	0.	0.
532	532	412	SLU_ENV	Max	16.13	0.	0.	0.
532	532	425	SLU_ENV	Max	10.57	0.	0.	0.
532	532	424	SLU_ENV	Max	2.71	0.	0.	0.
532	532	411	SLU_ENV	Min	3.18	0.	0.	0.
532	532	412	SLU_ENV	Min	6.66	0.	0.	0.
532	532	425	SLU_ENV	Min	4.08	0.	0.	0.
532	532	424	SLU_ENV	Min	0.6	0.	0.	0.
532	532	411	SLV_Ex		-32.24	10.32	-93.37	-70.775
532	532	412	SLV_Ex		-48.41	17.74	-106.3	-64.343
532	532	425	SLV_Ex		-42.87	1.19	-138.07	-71.
532	532	424	SLV_Ex		-26.7	-3.01	-128.36	-77.395
533	533	412	SLU_ENV	Max	17.21	0.	0.	0.
533	533	413	SLU_ENV	Max	17.37	0.	0.	0.
533	533	426	SLU_ENV	Max	19.25	0.	0.	0.
533	533	425	SLU_ENV	Max	19.05	0.	0.	0.
533	533	412	SLU_ENV	Min	6.83	0.	0.	0.
533	533	413	SLU_ENV	Min	6.14	0.	0.	0.
533	533	426	SLU_ENV	Min	7.38	0.	0.	0.
533	533	425	SLU_ENV	Min	8.11	0.	0.	0.
533	533	412	SLV_Ex		-45.49	21.25	-90.27	-62.67
533	533	413	SLV_Ex		-8.4	-11.68	-70.13	-81.646
533	533	426	SLV_Ex		-17.15	-24.5	-142.16	-81.526
533	533	425	SLV_Ex		-54.23	4.34	-158.21	-69.072
534	534	413	SLU_ENV	Max	22.45	0.	0.	0.
534	534	493	SLU_ENV	Max	0.54	0.	0.	0.
534	534	511	SLU_ENV	Max	11.47	0.	0.	0.
534	534	426	SLU_ENV	Max	42.15	0.	0.	0.
534	534	413	SLU_ENV	Min	6.93	0.	0.	0.
534	534	493	SLU_ENV	Min	-10.5	0.	0.	0.
534	534	511	SLU_ENV	Min	4.7	0.	0.	0.
534	534	426	SLU_ENV	Min	13.37	0.	0.	0.
534	534	413	SLV_Ex		25.18	-12.05	-107.64	74.103
534	534	493	SLV_Ex		12.64	64.36	-85.04	85.128
534	534	511	SLV_Ex		-22.23	73.72	-55.48	-79.937
534	534	426	SLV_Ex		-9.69	-11.09	-69.69	-80.344
535	535	277	SLU_ENV	Max	35.65	0.	0.	0.
535	535	414	SLU_ENV	Max	-18.82	0.	0.	0.
535	535	427	SLU_ENV	Max	-33.29	0.	0.	0.
535	535	304	SLU_ENV	Max	8.945E-02	0.	0.	0.
535	535	277	SLU_ENV	Min	12.78	0.	0.	0.
535	535	414	SLU_ENV	Min	-55.66	0.	0.	0.
535	535	427	SLU_ENV	Min	-91.22	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
535	535	304	SLU_ENV	Min	-1.68	0.	0.	0.
535	535	277	SLV_Ex		84.61	-2.88	-190.29	57.725
535	535	414	SLV_Ex		-71.9	42.93	-154.34	-66.601
535	535	427	SLV_Ex		-206.01	428.55	-31.25	-31.824
535	535	304	SLV_Ex		-49.5	296.22	19.31	-10.475
536	536	414	SLU_ENV	Max	-12.84	0.	0.	0.
536	536	415	SLU_ENV	Max	-3.59	0.	0.	0.
536	536	428	SLU_ENV	Max	7.74	0.	0.	0.
536	536	427	SLU_ENV	Max	-6.02	0.	0.	0.
536	536	414	SLU_ENV	Min	-32.76	0.	0.	0.
536	536	415	SLU_ENV	Min	-8.7	0.	0.	0.
536	536	428	SLU_ENV	Min	2.84	0.	0.	0.
536	536	427	SLU_ENV	Min	-16.71	0.	0.	0.
536	536	414	SLV_Ex		-91.11	101.42	-88.03	-52.942
536	536	415	SLV_Ex		-36.19	18.	-56.43	-51.722
536	536	428	SLV_Ex		13.7	65.28	4.17	13.322
536	536	427	SLV_Ex		-41.21	103.05	18.22	-38.155
537	537	415	SLU_ENV	Max	0.43	0.	0.	0.
537	537	422	SLU_ENV	Max	-0.54	0.	0.	0.
537	537	429	SLU_ENV	Max	-3.18	0.	0.	0.
537	537	428	SLU_ENV	Max	-2.24	0.	0.	0.
537	537	415	SLU_ENV	Min	-0.21	0.	0.	0.
537	537	422	SLU_ENV	Min	-2.11	0.	0.	0.
537	537	429	SLU_ENV	Min	-7.24	0.	0.	0.
537	537	428	SLU_ENV	Min	-5.31	0.	0.	0.
537	537	415	SLV_Ex		-8.83	-11.98	-48.57	-75.567
537	537	422	SLV_Ex		-17.7	14.48	-47.24	-72.504
537	537	429	SLV_Ex		-31.18	35.11	-32.96	-56.819
537	537	428	SLV_Ex		-22.31	9.92	-35.55	-50.559
538	538	422	SLU_ENV	Max	-2.07	0.	0.	0.
538	538	423	SLU_ENV	Max	-1.46	0.	0.	0.
538	538	430	SLU_ENV	Max	2.48	0.	0.	0.
538	538	429	SLU_ENV	Max	1.03	0.	0.	0.
538	538	422	SLU_ENV	Min	-4.66	0.	0.	0.
538	538	423	SLU_ENV	Min	-3.18	0.	0.	0.
538	538	430	SLU_ENV	Min	1.08	0.	0.	0.
538	538	429	SLU_ENV	Min	0.43	0.	0.	0.
538	538	422	SLV_Ex		-27.81	13.61	-76.1	-70.843
538	538	423	SLV_Ex		-21.88	8.61	-73.13	-73.815
538	538	430	SLV_Ex		-6.77	1.98	-71.94	-84.724
538	538	429	SLV_Ex		-12.7	5.16	-73.09	-80.532
539	539	423	SLU_ENV	Max	3.18	0.	0.	0.
539	539	424	SLU_ENV	Max	4.66	0.	0.	0.
539	539	431	SLU_ENV	Max	-0.43	0.	0.	0.
539	539	430	SLU_ENV	Max	-1.08	0.	0.	0.
539	539	423	SLU_ENV	Min	1.46	0.	0.	0.
539	539	424	SLU_ENV	Min	2.07	0.	0.	0.
539	539	431	SLU_ENV	Min	-1.03	0.	0.	0.
539	539	430	SLU_ENV	Min	-2.48	0.	0.	0.
539	539	423	SLV_Ex		-17.	-1.12	-101.5	-80.1
539	539	424	SLV_Ex		-22.01	7.67	-101.73	-78.137
539	539	431	SLV_Ex		-17.26	1.91	-118.04	-81.637
539	539	430	SLV_Ex		-12.25	-6.41	-118.29	-83.675
540	540	424	SLU_ENV	Max	2.11	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
540	540	425	SLU_ENV	Max	0.21	0.	0.	0.
540	540	432	SLU_ENV	Max	5.31	0.	0.	0.
540	540	431	SLU_ENV	Max	7.24	0.	0.	0.
540	540	424	SLU_ENV	Min	0.54	0.	0.	0.
540	540	425	SLU_ENV	Min	-0.43	0.	0.	0.
540	540	432	SLU_ENV	Min	2.24	0.	0.	0.
540	540	431	SLU_ENV	Min	3.18	0.	0.	0.
540	540	424	SLV_Ex		-21.82	2.15	-124.81	-79.949
540	540	425	SLV_Ex		-16.45	13.5	-120.36	-82.885
540	540	432	SLV_Ex		-17.45	2.77	-172.24	-84.247
540	540	431	SLV_Ex		-22.82	-8.98	-176.29	-82.085
541	541	425	SLU_ENV	Max	8.7	0.	0.	0.
541	541	426	SLU_ENV	Max	32.76	0.	0.	0.
541	541	433	SLU_ENV	Max	16.72	0.	0.	0.
541	541	432	SLU_ENV	Max	-2.84	0.	0.	0.
541	541	425	SLU_ENV	Min	3.59	0.	0.	0.
541	541	426	SLU_ENV	Min	12.84	0.	0.	0.
541	541	433	SLU_ENV	Min	6.02	0.	0.	0.
541	541	432	SLU_ENV	Min	-7.74	0.	0.	0.
541	541	425	SLV_Ex		-27.81	13.89	-137.76	-79.241
541	541	426	SLV_Ex		-64.08	12.69	-164.55	-66.844
541	541	433	SLV_Ex		-37.86	-31.03	-257.75	-80.245
541	541	432	SLV_Ex		-1.59	-14.2	-246.58	-89.608
542	542	426	SLU_ENV	Max	55.66	0.	0.	0.
542	542	511	SLU_ENV	Max	-12.78	0.	0.	0.
542	542	529	SLU_ENV	Max	1.68	0.	0.	0.
542	542	433	SLU_ENV	Max	91.22	0.	0.	0.
542	542	426	SLU_ENV	Min	18.82	0.	0.	0.
542	542	511	SLU_ENV	Min	-35.65	0.	0.	0.
542	542	529	SLU_ENV	Min	-8.992E-02	0.	0.	0.
542	542	433	SLU_ENV	Min	33.29	0.	0.	0.
542	542	426	SLV_Ex		-56.62	32.34	-98.32	-59.96
542	542	511	SLV_Ex		55.21	90.95	-72.96	68.828
542	542	529	SLV_Ex		-26.43	-1.04	-414.81	-86.33
542	542	433	SLV_Ex		-138.26	-25.15	-474.67	-71.018
543	543	440	SLU_ENV	Max	66.48	0.	0.	0.
543	543	583	SLU_ENV	Max	-16.6	0.	0.	0.
543	543	565	SLU_ENV	Max	-22.93	0.	0.	0.
543	543	441	SLU_ENV	Max	49.38	0.	0.	0.
543	543	440	SLU_ENV	Min	19.37	0.	0.	0.
543	543	583	SLU_ENV	Min	-61.3	0.	0.	0.
543	543	565	SLU_ENV	Min	-78.41	0.	0.	0.
543	543	441	SLU_ENV	Min	13.04	0.	0.	0.
543	543	440	SLV_Ex		177.01	41.06	-318.29	49.933
543	543	583	SLV_Ex		3.42	-59.28	-159.83	88.051
543	543	565	SLV_Ex		-77.32	159.9	-39.57	-25.416
543	543	441	SLV_Ex		96.27	157.81	-95.59	24.726
544	544	441	SLU_ENV	Max	17.37	0.	0.	0.
544	544	565	SLU_ENV	Max	-4.03	0.	0.	0.
544	544	547	SLU_ENV	Max	-9.95	0.	0.	0.
544	544	442	SLU_ENV	Max	1.2	0.	0.	0.
544	544	441	SLU_ENV	Min	1.39	0.	0.	0.
544	544	565	SLU_ENV	Min	-25.95	0.	0.	0.
544	544	547	SLU_ENV	Min	-44.37	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
544	544	442	SLU_ENV	Min	-6.77	0.	0.	0.
544	544	441	SLV_Ex		-30.05	100.94	-137.06	-7.313
544	544	565	SLV_Ex		56.88	147.45	-17.69	21.77
544	544	547	SLV_Ex		0.29	-26.86	-34.76	87.906
544	544	442	SLV_Ex		-86.64	-13.04	-214.47	-29.672
545	545	442	SLU_ENV	Max	2.75	0.	0.	0.
545	545	547	SLU_ENV	Max	-4.01	0.	0.	0.
545	545	120	SLU_ENV	Max	-3.15	0.	0.	0.
545	545	443	SLU_ENV	Max	2.96	0.	0.	0.
545	545	442	SLU_ENV	Min	-2.92	0.	0.	0.
545	545	547	SLU_ENV	Min	-18.84	0.	0.	0.
545	545	120	SLU_ENV	Min	-18.82	0.	0.	0.
545	545	443	SLU_ENV	Min	-2.25	0.	0.	0.
545	545	442	SLV_Ex		-48.7	-15.56	-121.9	-33.171
545	545	547	SLV_Ex		2.02	-29.85	-36.22	70.277
545	545	120	SLV_Ex		25.7	16.08	-40.23	32.934
545	545	443	SLV_Ex		-25.03	-4.49	-91.05	-17.666
546	546	443	SLU_ENV	Max	4.69	0.	0.	0.
546	546	120	SLU_ENV	Max	-1.22	0.	0.	0.
546	546	7	SLU_ENV	Max	-1.11	0.	0.	0.
546	546	444	SLU_ENV	Max	5.33	0.	0.	0.
546	546	443	SLU_ENV	Min	-1.73	0.	0.	0.
546	546	120	SLU_ENV	Min	-11.64	0.	0.	0.
546	546	7	SLU_ENV	Min	-11.07	0.	0.	0.
546	546	444	SLU_ENV	Min	-1.69	0.	0.	0.
546	546	443	SLV_Ex		-22.16	-0.73	-71.36	-19.437
546	546	120	SLV_Ex		18.71	7.27	-39.85	26.284
546	546	7	SLV_Ex		24.04	11.68	-44.28	29.615
546	546	444	SLV_Ex		-16.83	-3.83	-68.28	-15.737
547	547	444	SLU_ENV	Max	6.44	0.	0.	0.
547	547	7	SLU_ENV	Max	-0.35	0.	0.	0.
547	547	35	SLU_ENV	Max	-0.12	0.	0.	0.
547	547	445	SLU_ENV	Max	7.16	0.	0.	0.
547	547	444	SLU_ENV	Min	-0.96	0.	0.	0.
547	547	7	SLU_ENV	Min	-8.24	0.	0.	0.
547	547	35	SLU_ENV	Min	-7.38	0.	0.	0.
547	547	445	SLU_ENV	Min	-0.59	0.	0.	0.
547	547	444	SLV_Ex		-11.81	-5.48	-63.24	-12.066
547	547	7	SLV_Ex		9.48	0.84	-33.57	16.717
547	547	35	SLV_Ex		13.53	3.35	-36.1	21.656
547	547	445	SLV_Ex		-7.76	-6.9	-61.84	-8.202
548	548	445	SLU_ENV	Max	7.64	0.	0.	0.
548	548	35	SLU_ENV	Max	3.807E-02	0.	0.	0.
548	548	62	SLU_ENV	Max	0.23	0.	0.	0.
548	548	446	SLU_ENV	Max	7.9	0.	0.	0.
548	548	445	SLU_ENV	Min	-0.27	0.	0.	0.
548	548	35	SLU_ENV	Min	-7.22	0.	0.	0.
548	548	62	SLU_ENV	Min	-6.96	0.	0.	0.
548	548	446	SLU_ENV	Min	-7.395E-02	0.	0.	0.
548	548	445	SLV_Ex		-6.65	-6.76	-59.55	-7.301
548	548	35	SLV_Ex		7.18	-1.45	-36.99	11.922
548	548	62	SLV_Ex		9.24	-4.779E-03	-37.78	14.643
548	548	446	SLV_Ex		-4.6	-6.66	-59.	-5.061
549	549	446	SLU_ENV	Max	7.94	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
549	549	62	SLU_ENV	Max	0.13	0.	0.	0.
549	549	89	SLU_ENV	Max	0.18	0.	0.	0.
549	549	447	SLU_ENV	Max	7.79	0.	0.	0.
549	549	446	SLU_ENV	Min	5.098E-02	0.	0.	0.
549	549	62	SLU_ENV	Min	-7.02	0.	0.	0.
549	549	89	SLU_ENV	Min	-7.21	0.	0.	0.
549	549	447	SLU_ENV	Min	7.538E-02	0.	0.	0.
549	549	446	SLV_Ex		-2.58	-7.17	-59.9	-2.806
549	549	62	SLV_Ex		3.34	-2.43	-37.36	5.505
549	549	89	SLV_Ex		4.36	-1.14	-37.36	6.97
549	549	447	SLV_Ex		-1.55	-6.18	-59.6	-1.665
550	550	447	SLU_ENV	Max	7.45	0.	0.	0.
550	550	89	SLU_ENV	Max	-1.287E-02	0.	0.	0.
550	550	142	SLU_ENV	Max	1.627E-02	0.	0.	0.
550	550	448	SLU_ENV	Max	6.99	0.	0.	0.
550	550	447	SLU_ENV	Min	3.369E-02	0.	0.	0.
550	550	89	SLU_ENV	Min	-6.65	0.	0.	0.
550	550	142	SLU_ENV	Min	-7.14	0.	0.	0.
550	550	448	SLU_ENV	Min	3.691E-02	0.	0.	0.
550	550	447	SLV_Ex		-2.22	-6.18	-59.89	-2.371
550	550	89	SLV_Ex		1.36	-1.7	-37.25	2.194
550	550	142	SLV_Ex		1.97	-2.49	-37.48	3.234
550	550	448	SLV_Ex		-1.61	-7.08	-60.01	-1.743
551	551	448	SLU_ENV	Max	6.56	0.	0.	0.
551	551	142	SLU_ENV	Max	-0.15	0.	0.	0.
551	551	169	SLU_ENV	Max	-0.13	0.	0.	0.
551	551	449	SLU_ENV	Max	5.89	0.	0.	0.
551	551	448	SLU_ENV	Min	7.275E-02	0.	0.	0.
551	551	142	SLU_ENV	Min	-6.05	0.	0.	0.
551	551	169	SLU_ENV	Min	-6.72	0.	0.	0.
551	551	449	SLU_ENV	Min	8.795E-02	0.	0.	0.
551	551	448	SLV_Ex		-0.38	-6.74	-58.09	-0.422
551	551	142	SLV_Ex		-2.4	-2.38	-37.26	-3.958
551	551	169	SLV_Ex		-1.55	-2.13	-37.1	-2.549
551	551	449	SLV_Ex		0.47	-6.39	-58.02	0.523
552	552	449	SLU_ENV	Max	5.27	0.	0.	0.
552	552	169	SLU_ENV	Max	0.18	0.	0.	0.
552	552	196	SLU_ENV	Max	0.46	0.	0.	0.
552	552	450	SLU_ENV	Max	4.76	0.	0.	0.
552	552	449	SLU_ENV	Min	7.895E-02	0.	0.	0.
552	552	169	SLU_ENV	Min	-5.	0.	0.	0.
552	552	196	SLU_ENV	Min	-5.6	0.	0.	0.
552	552	450	SLU_ENV	Min	0.26	0.	0.	0.
552	552	449	SLV_Ex		0.35	-6.23	-57.2	0.391
552	552	169	SLV_Ex		-5.21	-0.64	-34.2	-9.052
552	552	196	SLV_Ex		-1.57	-5.99	-34.38	-3.169
552	552	450	SLV_Ex		4.	-10.51	-58.45	4.798
553	553	450	SLU_ENV	Max	4.92	0.	0.	0.
553	553	196	SLU_ENV	Max	1.91	0.	0.	0.
553	553	223	SLU_ENV	Max	1.77	0.	0.	0.
553	553	451	SLU_ENV	Max	3.97	0.	0.	0.
553	553	450	SLU_ENV	Min	0.7	0.	0.	0.
553	553	196	SLU_ENV	Min	-3.48	0.	0.	0.
553	553	223	SLU_ENV	Min	-4.27	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
553	553	451	SLU_ENV	Min	0.72	0.	0.	0.
553	553	450	SLV_Ex		10.18	-9.9	-65.1	10.827
553	553	196	SLV_Ex		-9.92	-3.11	-38.02	-17.325
553	553	223	SLV_Ex		-6.12	3.6	-34.18	-9.444
553	553	451	SLV_Ex		13.99	0.12	-64.58	12.816
554	554	451	SLU_ENV	Max	2.89	0.	0.	0.
554	554	223	SLU_ENV	Max	7.51	0.	0.	0.
554	554	250	SLU_ENV	Max	8.67	0.	0.	0.
554	554	458	SLU_ENV	Max	3.43	0.	0.	0.
554	554	451	SLU_ENV	Min	0.54	0.	0.	0.
554	554	223	SLU_ENV	Min	-0.68	0.	0.	0.
554	554	250	SLU_ENV	Min	-0.26	0.	0.	0.
554	554	458	SLU_ENV	Min	1.58	0.	0.	0.
554	554	451	SLV_Ex		14.26	-5.63	-89.27	9.97
554	554	223	SLV_Ex		-14.17	9.97	-30.7	-22.087
554	554	250	SLV_Ex		8.62	-22.88	-40.14	43.362
554	554	458	SLV_Ex		37.05	-23.77	-113.41	27.88
555	555	458	SLU_ENV	Max	8.67	0.	0.	0.
555	555	250	SLU_ENV	Max	24.07	0.	0.	0.
555	555	277	SLU_ENV	Max	11.27	0.	0.	0.
555	555	459	SLU_ENV	Max	0.9	0.	0.	0.
555	555	458	SLU_ENV	Min	5.01	0.	0.	0.
555	555	250	SLU_ENV	Min	5.26	0.	0.	0.
555	555	277	SLU_ENV	Min	3.553E-02	0.	0.	0.
555	555	459	SLU_ENV	Min	-5.24	0.	0.	0.
555	555	458	SLV_Ex		84.51	-13.88	-217.22	28.111
555	555	250	SLV_Ex		-5.88	-22.2	-34.41	-52.796
555	555	277	SLV_Ex		-55.03	133.87	-21.35	-22.577
555	555	459	SLV_Ex		35.36	87.32	-149.29	8.695
556	556	459	SLU_ENV	Max	-11.1	0.	0.	0.
556	556	277	SLU_ENV	Max	56.11	0.	0.	0.
556	556	304	SLU_ENV	Max	42.56	0.	0.	0.
556	556	460	SLU_ENV	Max	-17.17	0.	0.	0.
556	556	459	SLU_ENV	Min	-33.01	0.	0.	0.
556	556	277	SLU_ENV	Min	19.8	0.	0.	0.
556	556	304	SLU_ENV	Min	13.72	0.	0.	0.
556	556	460	SLU_ENV	Min	-46.57	0.	0.	0.
556	556	459	SLV_Ex		-100.2	146.71	-109.56	-25.723
556	556	277	SLV_Ex		81.57	151.28	-49.11	27.251
556	556	304	SLV_Ex		4.04	-56.56	-139.24	87.194
556	556	460	SLV_Ex		-177.74	48.38	-309.21	-48.125
613	613	750	SLU_ENV	Max	61.3	0.	0.	0.
613	613	550	SLU_ENV	Max	-19.37	0.	0.	0.
613	613	551	SLU_ENV	Max	-13.04	0.	0.	0.
613	613	734	SLU_ENV	Max	78.41	0.	0.	0.
613	613	750	SLU_ENV	Min	16.6	0.	0.	0.
613	613	550	SLU_ENV	Min	-66.48	0.	0.	0.
613	613	551	SLU_ENV	Min	-49.38	0.	0.	0.
613	613	734	SLU_ENV	Min	22.93	0.	0.	0.
613	613	750	SLV_Ex		18.72	179.35	108.18	15.873
613	613	550	SLV_Ex		162.53	297.4	-37.04	38.2
613	613	551	SLV_Ex		101.58	86.79	-163.39	62.851
613	613	734	SLV_Ex		-42.23	67.58	-117.	-76.385
614	614	734	SLU_ENV	Max	25.95	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
614	614	551	SLU_ENV	Max	-1.39	0.	0.	0.
614	614	552	SLU_ENV	Max	6.78	0.	0.	0.
614	614	718	SLU_ENV	Max	44.36	0.	0.	0.
614	614	734	SLU_ENV	Min	4.03	0.	0.	0.
614	614	551	SLU_ENV	Min	-17.37	0.	0.	0.
614	614	552	SLU_ENV	Min	-1.2	0.	0.	0.
614	614	718	SLU_ENV	Min	9.95	0.	0.	0.
614	614	734	SLV_Ex		32.17	62.98	-112.95	79.276
614	614	551	SLV_Ex		14.59	159.87	-87.3	86.609
614	614	552	SLV_Ex		-31.98	191.61	35.48	-77.908
614	614	718	SLV_Ex		-14.41	85.89	18.67	-77.31
615	615	718	SLU_ENV	Max	18.84	0.	0.	0.
615	615	552	SLU_ENV	Max	2.92	0.	0.	0.
615	615	553	SLU_ENV	Max	2.25	0.	0.	0.
615	615	331	SLU_ENV	Max	18.82	0.	0.	0.
615	615	718	SLU_ENV	Min	4.01	0.	0.	0.
615	615	552	SLU_ENV	Min	-2.75	0.	0.	0.
615	615	553	SLU_ENV	Min	-2.96	0.	0.	0.
615	615	331	SLU_ENV	Min	3.15	0.	0.	0.
615	615	718	SLV_Ex		-0.19	87.52	22.88	-89.831
615	615	552	SLV_Ex		-20.07	155.72	32.49	-80.497
615	615	553	SLV_Ex		-10.74	148.43	11.13	-85.502
615	615	331	SLV_Ex		9.14	83.73	-1.98	83.843
616	616	331	SLU_ENV	Max	11.63	0.	0.	0.
616	616	553	SLU_ENV	Max	1.73	0.	0.	0.
616	616	554	SLU_ENV	Max	1.69	0.	0.	0.
616	616	349	SLU_ENV	Max	11.07	0.	0.	0.
616	616	331	SLU_ENV	Min	1.22	0.	0.	0.
616	616	553	SLU_ENV	Min	-4.69	0.	0.	0.
616	616	554	SLU_ENV	Min	-5.32	0.	0.	0.
616	616	349	SLU_ENV	Min	1.11	0.	0.	0.
616	616	331	SLV_Ex		7.4	93.96	0.54	85.441
616	616	553	SLV_Ex		-6.06	139.6	10.03	-87.316
616	616	554	SLV_Ex		-3.68	138.87	7.46	-88.396
616	616	349	SLV_Ex		9.79	93.82	-2.63	84.145
617	617	349	SLU_ENV	Max	8.24	0.	0.	0.
617	617	554	SLU_ENV	Max	0.96	0.	0.	0.
617	617	555	SLU_ENV	Max	0.59	0.	0.	0.
617	617	367	SLU_ENV	Max	7.38	0.	0.	0.
617	617	349	SLU_ENV	Min	0.35	0.	0.	0.
617	617	554	SLU_ENV	Min	-6.44	0.	0.	0.
617	617	555	SLU_ENV	Min	-7.16	0.	0.	0.
617	617	367	SLU_ENV	Min	0.12	0.	0.	0.
617	617	349	SLV_Ex		2.48	94.48	-1.37	88.515
617	617	554	SLV_Ex		-3.56	139.01	7.5	-88.448
617	617	555	SLV_Ex		-3.1	139.38	9.49	-88.634
617	617	367	SLV_Ex		2.95	94.9	0.57	88.209
618	618	367	SLU_ENV	Max	7.22	0.	0.	0.
618	618	555	SLU_ENV	Max	0.27	0.	0.	0.
618	618	556	SLU_ENV	Max	7.426E-02	0.	0.	0.
618	618	385	SLU_ENV	Max	6.96	0.	0.	0.
618	618	367	SLU_ENV	Min	-3.857E-02	0.	0.	0.
618	618	555	SLU_ENV	Min	-7.64	0.	0.	0.
618	618	556	SLU_ENV	Min	-7.9	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
618	618	385	SLU_ENV	Min	-0.23	0.	0.	0.
618	618	367	SLV_Ex		1.99	99.45	1.55	88.836
618	618	555	SLV_Ex		-3.31	134.45	8.49	-88.496
618	618	556	SLV_Ex		-2.8	134.42	8.48	-88.723
618	618	385	SLV_Ex		2.49	99.47	1.49	88.543
619	619	385	SLU_ENV	Max	7.02	0.	0.	0.
619	619	556	SLU_ENV	Max	-5.101E-02	0.	0.	0.
619	619	557	SLU_ENV	Max	-7.543E-02	0.	0.	0.
619	619	403	SLU_ENV	Max	7.21	0.	0.	0.
619	619	385	SLU_ENV	Min	-0.13	0.	0.	0.
619	619	556	SLU_ENV	Min	-7.94	0.	0.	0.
619	619	557	SLU_ENV	Min	-7.79	0.	0.	0.
619	619	403	SLU_ENV	Min	-0.18	0.	0.	0.
619	619	385	SLV_Ex		0.67	100.37	1.74	89.613
619	619	556	SLV_Ex		-1.67	132.03	8.05	-89.227
619	619	557	SLV_Ex		-1.31	131.97	7.82	-89.396
619	619	403	SLV_Ex		1.03	100.33	1.5	89.403
620	620	403	SLU_ENV	Max	6.65	0.	0.	0.
620	620	557	SLU_ENV	Max	-3.372E-02	0.	0.	0.
620	620	558	SLU_ENV	Max	-3.695E-02	0.	0.	0.
620	620	421	SLU_ENV	Max	7.14	0.	0.	0.
620	620	403	SLU_ENV	Min	1.280E-02	0.	0.	0.
620	620	557	SLU_ENV	Min	-7.45	0.	0.	0.
620	620	558	SLU_ENV	Min	-6.99	0.	0.	0.
620	620	421	SLU_ENV	Min	-1.636E-02	0.	0.	0.
620	620	403	SLV_Ex		0.67	100.14	1.47	89.612
620	620	557	SLV_Ex		-1.8	130.37	7.49	-89.162
620	620	558	SLV_Ex		-1.49	130.49	8.14	-89.302
620	620	421	SLV_Ex		0.97	100.27	2.11	89.431
621	621	421	SLU_ENV	Max	6.05	0.	0.	0.
621	621	558	SLU_ENV	Max	-7.281E-02	0.	0.	0.
621	621	559	SLU_ENV	Max	-8.802E-02	0.	0.	0.
621	621	439	SLU_ENV	Max	6.72	0.	0.	0.
621	621	421	SLU_ENV	Min	0.15	0.	0.	0.
621	621	558	SLU_ENV	Min	-6.56	0.	0.	0.
621	621	559	SLU_ENV	Min	-5.89	0.	0.	0.
621	621	439	SLU_ENV	Min	0.13	0.	0.	0.
621	621	421	SLV_Ex		-0.66	99.87	2.03	-89.611
621	621	558	SLV_Ex		-0.56	129.15	7.89	-89.735
621	621	559	SLV_Ex		-8.404E-03	129.12	7.78	-89.996
621	621	439	SLV_Ex		-0.11	99.84	1.92	-89.935
622	622	439	SLU_ENV	Max	5.	0.	0.	0.
622	622	559	SLU_ENV	Max	-7.902E-02	0.	0.	0.
622	622	560	SLU_ENV	Max	-0.26	0.	0.	0.
622	622	457	SLU_ENV	Max	5.6	0.	0.	0.
622	622	439	SLU_ENV	Min	-0.18	0.	0.	0.
622	622	559	SLU_ENV	Min	-5.27	0.	0.	0.
622	622	560	SLU_ENV	Min	-4.76	0.	0.	0.
622	622	457	SLU_ENV	Min	-0.46	0.	0.	0.
622	622	439	SLV_Ex		-0.93	96.04	1.15	-89.438
622	622	559	SLV_Ex		0.17	131.06	8.16	89.919
622	622	560	SLV_Ex		1.94	131.56	10.48	89.081
622	622	457	SLV_Ex		0.84	96.51	3.49	89.484
623	623	457	SLU_ENV	Max	3.48	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
623	623	560	SLU_ENV	Max	-0.7	0.	0.	0.
623	623	566	SLU_ENV	Max	-0.72	0.	0.	0.
623	623	475	SLU_ENV	Max	4.27	0.	0.	0.
623	623	457	SLU_ENV	Min	-1.91	0.	0.	0.
623	623	560	SLU_ENV	Min	-4.92	0.	0.	0.
623	623	566	SLU_ENV	Min	-3.97	0.	0.	0.
623	623	475	SLU_ENV	Min	-1.77	0.	0.	0.
623	623	457	SLV_Ex		-1.88	96.73	3.5	-88.842
623	623	560	SLV_Ex		4.71	137.66	11.52	87.859
623	623	566	SLV_Ex		6.67	136.59	5.2	87.086
623	623	475	SLV_Ex		7.910E-02	95.46	-2.62	89.954
624	624	475	SLU_ENV	Max	0.68	0.	0.	0.
624	624	566	SLU_ENV	Max	-0.54	0.	0.	0.
624	624	567	SLU_ENV	Max	-1.58	0.	0.	0.
624	624	493	SLU_ENV	Max	0.26	0.	0.	0.
624	624	475	SLU_ENV	Min	-7.51	0.	0.	0.
624	624	566	SLU_ENV	Min	-2.89	0.	0.	0.
624	624	567	SLU_ENV	Min	-3.43	0.	0.	0.
624	624	493	SLU_ENV	Min	-8.67	0.	0.	0.
624	624	475	SLV_Ex		-3.02	84.92	-4.85	-88.072
624	624	566	SLV_Ex		8.33	156.64	9.05	86.759
624	624	567	SLV_Ex		17.68	163.2	30.32	82.282
624	624	493	SLV_Ex		6.33	90.02	17.88	84.943
625	625	493	SLU_ENV	Max	-5.26	0.	0.	0.
625	625	567	SLU_ENV	Max	-5.01	0.	0.	0.
625	625	568	SLU_ENV	Max	5.24	0.	0.	0.
625	625	511	SLU_ENV	Max	-3.540E-02	0.	0.	0.
625	625	493	SLU_ENV	Min	-24.07	0.	0.	0.
625	625	567	SLU_ENV	Min	-8.67	0.	0.	0.
625	625	568	SLU_ENV	Min	-0.9	0.	0.	0.
625	625	511	SLU_ENV	Min	-11.27	0.	0.	0.
625	625	493	SLV_Ex		7.18	84.3	16.49	83.888
625	625	567	SLV_Ex		35.79	205.47	32.35	77.788
625	625	568	SLV_Ex		-6.91	175.19	-73.73	-88.408
625	625	511	SLV_Ex		-35.53	68.46	-104.03	-77.838
626	626	511	SLU_ENV	Max	-19.8	0.	0.	0.
626	626	568	SLU_ENV	Max	33.01	0.	0.	0.
626	626	569	SLU_ENV	Max	46.57	0.	0.	0.
626	626	529	SLU_ENV	Max	-13.72	0.	0.	0.
626	626	511	SLU_ENV	Min	-56.11	0.	0.	0.
626	626	568	SLU_ENV	Min	11.1	0.	0.	0.
626	626	569	SLU_ENV	Min	17.17	0.	0.	0.
626	626	529	SLU_ENV	Min	-42.56	0.	0.	0.
626	626	511	SLV_Ex		41.91	71.09	-106.9	75.953
626	626	568	SLV_Ex		-101.59	98.74	-151.35	-62.832
626	626	569	SLV_Ex		-160.82	287.83	-38.55	-40.109
626	626	529	SLV_Ex		-17.32	161.14	104.95	-19.024

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
18	18	583	SLU_ENV	Max	0.	4.8755	-49.9691	24.0875
18	18	582	SLU_ENV	Max	0.	3.5538	-54.9357	29.5837
18	18	564	SLU_ENV	Max	0.	-7.1569	-57.4961	20.5304
18	18	565	SLU_ENV	Max	0.	-8.9894	-52.6867	15.0342
18	18	583	SLU_ENV	Min	0.	-1.9574	-95.7763	5.2452
18	18	582	SLU_ENV	Min	0.	-0.0523	-157.8937	6.2684
18	18	564	SLU_ENV	Min	0.	-22.6428	-169.3886	3.8985
18	18	565	SLU_ENV	Min	0.	-21.0185	-107.8717	2.8752
18	18	583	SLV_Ex		25.68	-86.4775	-808.5335	-14.1565
18	18	582	SLV_Ex		191.15	-22.1294	-427.2344	-20.2528
18	18	564	SLV_Ex		271.98	-55.2788	-426.4021	-10.3912
18	18	565	SLV_Ex		260.65	-119.5223	-807.9445	-4.2948
19	19	565	SLU_ENV	Max	0.	-5.9697	-55.3792	17.3334
19	19	564	SLU_ENV	Max	0.	-6.4443	-54.6311	18.2647
19	19	546	SLU_ENV	Max	0.	-9.6378	-55.3669	13.0898
19	19	547	SLU_ENV	Max	0.	-12.0097	-56.1488	12.1585
19	19	565	SLU_ENV	Min	0.	-14.685	-116.7522	3.3461
19	19	564	SLU_ENV	Min	0.	-13.5517	-156.8492	3.4441
19	19	546	SLU_ENV	Min	0.	-29.8982	-161.1455	1.5853
19	19	547	SLU_ENV	Min	0.	-28.0801	-121.2007	1.4873
19	19	565	SLV_Ex		244.03	-167.3672	-815.0778	-2.1865
19	19	564	SLV_Ex		260.18	-87.3415	-435.2503	-12.156
19	19	546	SLV_Ex		221.84	-81.289	-422.2619	-15.756
19	19	547	SLV_Ex		214.27	-161.4643	-801.7491	-5.7865
20	20	547	SLU_ENV	Max	0.	-10.1045	-56.1066	13.4547
20	20	546	SLU_ENV	Max	0.	-8.994	-54.9126	11.7969
20	20	119	SLU_ENV	Max	0.	-10.233	-54.8401	10.0232
20	20	120	SLU_ENV	Max	0.	-11.406	-56.0355	11.681
20	20	547	SLU_ENV	Min	0.	-18.7035	-121.8344	1.6865
20	20	546	SLU_ENV	Min	0.	-23.374	-157.3184	1.3915
20	20	119	SLU_ENV	Min	0.	-31.6543	-157.1925	0.6894
20	20	120	SLU_ENV	Min	0.	-26.9529	-121.6914	0.9844
20	20	547	SLV_Ex		203.41	-159.97	-792.928	-6.9145
20	20	546	SLV_Ex		212.24	-92.2857	-432.9835	-14.4054
20	20	119	SLV_Ex		192.82	-83.1408	-423.1946	-11.3613
20	20	120	SLV_Ex		184.94	-150.9829	-782.9146	-3.8704
21	21	120	SLU_ENV	Max	0.	-10.827	-55.7897	11.8544
21	21	119	SLU_ENV	Max	0.	-10.0664	-54.9369	9.8339
21	21	6	SLU_ENV	Max	0.	-10.6199	-54.7589	9.1163
21	21	7	SLU_ENV	Max	0.	-11.379	-55.6091	11.1367
21	21	120	SLU_ENV	Min	0.	-20.7828	-120.8945	0.9471
21	21	119	SLU_ENV	Min	0.	-27.0091	-155.8263	0.7277
21	21	6	SLU_ENV	Min	0.	-32.9194	-154.3825	0.1871
21	21	7	SLU_ENV	Min	0.	-26.7516	-119.3745	0.4064
21	21	120	SLV_Ex		184.51	-159.7358	-777.647	-5.2363
21	21	119	SLV_Ex		190.32	-92.292	-432.043	-9.7743
21	21	6	SLV_Ex		176.53	-83.8406	-424.4702	-8.4048
21	21	7	SLV_Ex		171.03	-151.3339	-769.8734	-3.8668
22	22	7	SLU_ENV	Max	0.	-10.9862	-55.3642	11.0002
22	22	6	SLU_ENV	Max	0.	-10.6571	-54.9327	9.2313
22	22	34	SLU_ENV	Max	0.	-10.8214	-54.8148	9.582
22	22	35	SLU_ENV	Max	0.	-11.1491	-55.2451	11.1493
22	22	7	SLU_ENV	Min	0.	-21.4496	-118.6681	0.3541

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
22	22	6	SLU_ENV	Min	0.	-28.4967	-153.144	0.2396
22	22	34	SLU_ENV	Min	0.	-32.81	-151.7273	-0.2277
22	22	35	SLU_ENV	Min	0.	-25.8444	-117.1523	0.0883
22	22	7	SLV_Ex		171.13	-154.9975	-766.1266	-4.7796
22	22	6	SLV_Ex		174.36	-90.4181	-430.2652	-7.2582
22	22	34	SLV_Ex		168.74	-84.7035	-425.893	-5.0208
22	22	35	SLV_Ex		166.87	-149.3026	-761.6769	-2.5423
23	23	35	SLU_ENV	Max	0.	-11.0312	-55.1132	11.0623
23	23	34	SLU_ENV	Max	0.	-10.89	-54.9369	9.6577
23	23	61	SLU_ENV	Max	0.	-10.9385	-54.9116	9.9851
23	23	62	SLU_ENV	Max	0.	-11.0777	-55.089	11.3896
23	23	35	SLU_ENV	Min	0.	-21.4275	-116.9731	-0.0425
23	23	34	SLU_ENV	Min	0.	-28.3081	-150.1227	-0.1107
23	23	61	SLU_ENV	Min	0.	-32.1798	-149.0419	-0.3403
23	23	62	SLU_ENV	Min	0.	-25.3846	-115.7962	-0.272
23	23	35	SLV_Ex		166.92	-153.7345	-760.5807	-3.0105
23	23	34	SLV_Ex		168.41	-88.6511	-428.6652	-4.3133
23	23	61	SLV_Ex		166.93	-84.7508	-426.1846	-3.2494
23	23	62	SLV_Ex		165.77	-149.84	-758.0654	-1.9467
24	24	62	SLU_ENV	Max	0.	-11.0194	-55.0301	11.3629
24	24	61	SLU_ENV	Max	0.	-10.9741	-54.9659	10.0028
24	24	88	SLU_ENV	Max	0.	-11.0045	-55.0028	10.0297
24	24	89	SLU_ENV	Max	0.	-11.0481	-55.0688	11.3898
24	24	62	SLU_ENV	Min	0.	-21.2413	-115.9797	-0.3654
24	24	61	SLU_ENV	Min	0.	-27.511	-147.096	-0.2598
24	24	88	SLU_ENV	Min	0.	-31.2065	-146.2074	-0.3149
24	24	89	SLU_ENV	Min	0.	-25.0323	-114.9866	-0.4206
24	24	62	SLV_Ex		165.87	-151.8186	-757.566	-2.1129
24	24	61	SLV_Ex		166.59	-87.0183	-427.5333	-2.8449
24	24	88	SLV_Ex		166.4	-84.9617	-426.1575	-1.8583
24	24	89	SLV_Ex		165.88	-149.7574	-756.1871	-1.1263
25	25	89	SLU_ENV	Max	0.	-11.007	-55.0605	11.4294
25	25	88	SLU_ENV	Max	0.	-10.9957	-55.0042	9.9817
25	25	141	SLU_ENV	Max	0.	-11.0227	-55.0602	9.6079
25	25	142	SLU_ENV	Max	0.	-11.0483	-55.1184	11.0557
25	25	89	SLU_ENV	Min	0.	-21.1761	-115.3768	-0.464
25	25	88	SLU_ENV	Min	0.	-26.5443	-144.1104	-0.2851
25	25	141	SLU_ENV	Min	0.	-29.9649	-143.1273	-0.3004
25	25	142	SLU_ENV	Min	0.	-24.6769	-114.2909	-0.4793
25	25	89	SLV_Ex		165.94	-150.8985	-756.0377	-1.1635
25	25	88	SLV_Ex		166.34	-86.081	-426.759	-1.5798
25	25	141	SLV_Ex		166.	-85.206	-426.0344	-0.7468
25	25	142	SLV_Ex		165.71	-150.0193	-755.313	-0.3305
26	26	142	SLU_ENV	Max	0.	-10.9902	-55.1609	11.0991
26	26	141	SLU_ENV	Max	0.	-10.9643	-55.0104	9.558
26	26	168	SLU_ENV	Max	0.	-10.9889	-55.1138	8.7632
26	26	169	SLU_ENV	Max	0.	-11.0948	-55.2664	10.3044
26	26	142	SLU_ENV	Min	0.	-21.3218	-114.8136	-0.5499
26	26	141	SLU_ENV	Min	0.	-25.5828	-141.0411	-0.2425
26	26	168	SLU_ENV	Min	0.	-28.527	-139.965	-0.3925
26	26	169	SLU_ENV	Min	0.	-24.2863	-113.6282	-0.6999
26	26	142	SLV_Ex		165.75	-150.557	-755.3619	-0.3244
26	26	141	SLV_Ex		165.99	-85.4222	-426.1363	-0.5144
26	26	168	SLV_Ex		166.38	-86.048	-425.9995	0.0232

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
26	26	169	SLV_Ex		166.1	-151.1712	-755.2446	0.2132
27	27	169	SLU_ENV	Max	0.	-11.0056	-55.3649	10.3276
27	27	168	SLU_ENV	Max	0.	-10.8951	-55.0014	8.7337
27	27	195	SLU_ENV	Max	0.	-10.8454	-55.188	7.5158
27	27	196	SLU_ENV	Max	0.	-11.0678	-55.5557	9.1097
27	27	169	SLU_ENV	Min	0.	-21.5303	-114.2563	-0.8081
27	27	168	SLU_ENV	Min	0.	-24.6156	-137.9808	-0.2981
27	27	195	SLU_ENV	Min	0.	-26.7303	-136.8331	-0.6789
27	27	196	SLU_ENV	Min	0.	-23.6263	-113.0074	-1.1889
27	27	169	SLV_Ex		166.16	-149.3192	-755.2873	0.108
27	27	168	SLV_Ex		166.42	-85.1584	-425.4085	0.3682
27	27	195	SLV_Ex		168.67	-87.1625	-426.1336	1.9219
27	27	196	SLV_Ex		167.86	-151.306	-756.0459	1.6616
28	28	196	SLU_ENV	Max	0.	-11.2213	-55.7757	9.0887
28	28	195	SLU_ENV	Max	0.	-10.0999	-55.0083	7.5315
28	28	222	SLU_ENV	Max	0.	-10.4554	-55.2803	5.6974
28	28	223	SLU_ENV	Max	0.	-11.0865	-56.0534	7.2546
28	28	196	SLU_ENV	Min	0.	-22.1967	-113.8483	-1.3105
28	28	195	SLU_ENV	Min	0.	-24.2176	-135.045	-0.5693
28	28	222	SLU_ENV	Min	0.	-24.2884	-133.8366	-1.6989
28	28	223	SLU_ENV	Min	0.	-22.8498	-112.5408	-2.44
28	28	196	SLV_Ex		167.88	-150.703	-757.117	1.2603
28	28	195	SLV_Ex		169.88	-85.0663	-424.5227	2.5562
28	28	222	SLV_Ex		179.77	-89.447	-427.0512	3.2741
28	28	223	SLV_Ex		177.32	-155.0366	-759.7494	1.9782
29	29	223	SLU_ENV	Max	0.	-11.2002	-56.3125	7.1567
29	29	222	SLU_ENV	Max	0.	-9.3205	-55.102	5.7896
29	29	249	SLU_ENV	Max	0.	-9.4249	-55.3749	3.5354
29	29	250	SLU_ENV	Max	0.	-10.3677	-56.5897	4.9026
29	29	223	SLU_ENV	Min	0.	-22.6357	-113.3941	-2.4932
29	29	222	SLU_ENV	Min	0.	-23.5926	-132.5164	-1.656
29	29	249	SLU_ENV	Min	0.	-20.3196	-130.965	-3.5704
29	29	250	SLU_ENV	Min	0.	-20.3821	-111.7477	-4.4077
29	29	223	SLV_Ex		177.35	-147.2618	-761.6016	0.6051
29	29	222	SLV_Ex		181.69	-84.6834	-422.6914	4.8807
29	29	249	SLV_Ex		201.	-90.7682	-429.4426	9.5823
29	29	250	SLV_Ex		194.82	-153.2633	-768.5523	5.3066
30	30	250	SLU_ENV	Max	0.	-12.0188	-56.8076	4.9537
30	30	249	SLU_ENV	Max	0.	-8.4422	-55.6493	3.4815
30	30	276	SLU_ENV	Max	0.	-6.7565	-55.1184	-0.1869
30	30	277	SLU_ENV	Max	0.	-9.3416	-56.2502	1.2853
30	30	250	SLU_ENV	Min	0.	-24.3707	-112.2091	-3.7564
30	30	249	SLU_ENV	Min	0.	-22.3213	-131.3431	-4.2205
30	30	276	SLU_ENV	Min	0.	-13.6259	-127.3525	-9.0699
30	30	277	SLU_ENV	Min	0.	-16.7884	-108.0553	-8.6057
30	30	250	SLV_Ex		203.13	-157.5776	-777.0803	3.5981
30	30	249	SLV_Ex		211.62	-83.6412	-420.3521	11.5246
30	30	276	SLV_Ex		256.91	-89.1894	-431.7276	9.0982
30	30	277	SLV_Ex		243.71	-163.029	-788.8299	1.1716
31	31	277	SLU_ENV	Max	0.	-9.1922	-53.5834	1.7517
31	31	276	SLU_ENV	Max	0.	-6.3053	-57.9586	-0.6478
31	31	303	SLU_ENV	Max	0.	1.4117	-55.3538	-4.4937
31	31	304	SLU_ENV	Max	0.	-0.6631	-49.8024	-2.0941
31	31	277	SLU_ENV	Min	0.	-19.0583	-102.1778	-7.1193

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
31	31	276	SLU_ENV	Min	0.	-17.3212	-134.1295	-10.5282
31	31	303	SLU_ENV	Min	0.	-0.1812	-124.4392	-17.7231
31	31	304	SLU_ENV	Min	0.	-2.9488	-93.0376	-14.3142
31	31	277	SLV_Ex		261.57	-121.5897	-783.2482	3.1026
31	31	276	SLV_Ex		270.74	-59.135	-423.0105	7.5247
31	31	303	SLV_Ex		185.74	-23.2566	-421.8594	16.1015
31	31	304	SLV_Ex		24.05	-85.8291	-781.7763	11.6794
32	32	582	SLU_ENV	Max	0.	-2.9424	-57.1727	29.208
32	32	581	SLU_ENV	Max	0.	-1.6241	-58.9317	20.7093
32	32	563	SLU_ENV	Max	0.	-2.7492	-55.7346	12.3892
32	32	564	SLU_ENV	Max	0.	-4.0214	-54.0312	20.8879
32	32	582	SLU_ENV	Min	0.	-6.1993	-163.0368	5.761
32	32	581	SLU_ENV	Min	0.	-5.702	-211.6155	2.9371
32	32	563	SLU_ENV	Min	0.	-10.6806	-202.1864	1.57
32	32	564	SLU_ENV	Min	0.	-10.8377	-153.9852	4.394
32	32	582	SLV_Ex		127.41	-27.0267	-436.5736	-26.5296
32	32	581	SLV_Ex		104.95	4.0006	-145.1684	-42.3539
32	32	563	SLV_Ex		174.07	-19.5624	-131.3458	-20.1303
32	32	564	SLV_Ex		195.7	-51.3634	-421.9723	-4.306
33	33	564	SLU_ENV	Max	0.	-7.0946	-55.178	18.701
33	33	563	SLU_ENV	Max	0.	-5.1365	-55.68	14.5684
33	33	545	SLU_ENV	Max	0.	-7.0329	-55.118	8.5316
33	33	546	SLU_ENV	Max	0.	-8.9558	-54.6616	12.6642
33	33	564	SLU_ENV	Min	0.	-16.8496	-157.7318	3.3632
33	33	563	SLU_ENV	Min	0.	-18.1459	-201.1352	2.6015
33	33	545	SLU_ENV	Min	0.	-26.9655	-197.7943	0.9049
33	33	546	SLU_ENV	Min	0.	-25.4746	-154.6347	1.6666
33	33	564	SLV_Ex		181.87	-79.1234	-424.457	-13.8554
33	33	563	SLV_Ex		184.02	-21.162	-134.7331	-10.4884
33	33	545	SLV_Ex		209.44	-30.8307	-140.8323	-10.6883
33	33	546	SLV_Ex		210.08	-88.9628	-430.3336	-14.0553
34	34	546	SLU_ENV	Max	0.	-9.0775	-55.1109	12.0018
34	34	545	SLU_ENV	Max	0.	-8.0828	-54.903	9.1873
34	34	118	SLU_ENV	Max	0.	-9.2675	-54.8998	7.0224
34	34	119	SLU_ENV	Max	0.	-10.2456	-55.1221	9.8369
34	34	546	SLU_ENV	Min	0.	-24.1314	-156.5857	1.3948
34	34	545	SLU_ENV	Min	0.	-29.0403	-195.9895	1.1811
34	34	118	SLU_ENV	Min	0.	-35.3054	-194.1363	0.4736
34	34	119	SLU_ENV	Min	0.	-30.2791	-154.8364	0.6873
34	34	546	SLV_Ex		198.64	-86.0584	-426.9016	-14.3393
34	34	545	SLV_Ex		203.98	-33.6505	-144.2474	-10.2177
34	34	118	SLV_Ex		182.34	-37.2761	-149.5539	-7.3121
34	34	119	SLV_Ex		178.21	-89.9113	-431.9921	-11.4337
35	35	119	SLU_ENV	Max	0.	-10.0034	-55.1597	9.781
35	35	118	SLU_ENV	Max	0.	-9.4929	-54.8588	7.0633
35	35	5	SLU_ENV	Max	0.	-10.2934	-54.7998	6.5354
35	35	6	SLU_ENV	Max	0.	-10.7975	-55.1087	9.1865
35	35	119	SLU_ENV	Min	0.	-27.3197	-155.3996	0.6624
35	35	118	SLU_ENV	Min	0.	-34.0985	-192.7397	0.5002
35	35	5	SLU_ENV	Min	0.	-39.0285	-190.0979	0.0244
35	35	6	SLU_ENV	Min	0.	-32.2121	-152.826	0.2532
35	35	119	SLV_Ex		175.54	-87.1012	-427.8679	-10.3165
35	35	118	SLV_Ex		177.67	-34.8952	-152.6399	-8.2619
35	35	5	SLV_Ex		166.75	-37.2194	-155.9086	-5.808

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
35	35	6	SLV_Ex		164.29	-89.4956	-430.9659	-7.8625
36	36	6	SLU_ENV	Max	0.	-10.5854	-55.0402	9.1334
36	36	5	SLU_ENV	Max	0.	-10.3923	-54.8457	6.4994
36	36	33	SLU_ENV	Max	0.	-10.7717	-54.8508	7.0249
36	36	34	SLU_ENV	Max	0.	-10.9614	-55.0485	9.6113
36	36	6	SLU_ENV	Min	0.	-29.0134	-153.0939	0.1985
36	36	5	SLU_ENV	Min	0.	-36.4512	-188.6749	0.1465
36	36	33	SLU_ENV	Min	0.	-39.4401	-185.7715	-0.1987
36	36	34	SLU_ENV	Min	0.	-31.9842	-150.2317	-0.099
36	36	6	SLV_Ex		162.73	-87.9889	-427.7075	-7.2929
36	36	5	SLV_Ex		165.22	-36.8628	-158.7943	-6.1853
36	36	33	SLV_Ex		158.86	-36.0559	-160.1575	-3.8833
36	36	34	SLV_Ex		156.43	-87.2341	-428.9571	-4.9909
37	37	34	SLU_ENV	Max	0.	-10.8454	-54.9802	9.6593
37	37	33	SLU_ENV	Max	0.	-10.7783	-54.8973	6.9668
37	37	60	SLU_ENV	Max	0.	-10.9457	-54.9213	7.3079
37	37	61	SLU_ENV	Max	0.	-11.0107	-55.0063	10.0004
37	37	34	SLU_ENV	Min	0.	-29.1525	-150.5645	-0.1841
37	37	33	SLU_ENV	Min	0.	-36.1983	-184.224	-0.1253
37	37	60	SLU_ENV	Min	0.	-38.163	-181.1358	-0.2086
37	37	61	SLU_ENV	Min	0.	-31.1152	-147.4989	-0.2674
37	37	34	SLV_Ex		156.16	-87.352	-427.2905	-4.513
37	37	33	SLV_Ex		158.08	-35.9755	-161.8317	-4.1746
37	37	60	SLV_Ex		157.49	-34.6328	-162.036	-2.7123
37	37	61	SLV_Ex		155.52	-86.0275	-427.4474	-3.0508
38	38	780	SLU_ENV	Max	0.	-56.0813	-12.464	-2.6391
38	38	779	SLU_ENV	Max	0.	-55.4845	-10.3046	-1.2625
38	38	781	SLU_ENV	Max	0.	28.4711	12.5297	-1.4244
38	38	782	SLU_ENV	Max	0.	27.0212	-1.0403	-2.801
38	38	780	SLU_ENV	Min	0.	-389.7287	-87.8671	-25.635
38	38	779	SLU_ENV	Min	0.	-378.5274	-65.4024	-24.7542
38	38	781	SLU_ENV	Min	0.	2.1948	1.1233	-31.5895
38	38	782	SLU_ENV	Min	0.	-8.1384	-9.7723	-32.4704
38	38	780	SLV_Ex		157.89	-607.2796	-120.4905	-1.2976
38	38	779	SLV_Ex		154.93	-605.1624	-118.6081	0.4983
38	38	781	SLV_Ex		158.63	-307.7325	-61.8175	-1.2091
38	38	782	SLV_Ex		162.59	-309.766	-63.7993	-3.0051
39	39	782	SLU_ENV	Max	0.	30.2255	0.3008	-2.6012
39	39	781	SLU_ENV	Max	0.	29.3628	2.8743	-1.6254
39	39	783	SLU_ENV	Max	0.	295.8381	60.6946	-0.9979
39	39	784	SLU_ENV	Max	0.	295.4216	55.3646	-1.9736
39	39	782	SLU_ENV	Min	0.	-10.8337	-3.3434	-31.926
39	39	781	SLU_ENV	Min	0.	-9.8862	0.8726	-32.1356
39	39	783	SLU_ENV	Min	0.	55.8204	8.3144	-31.5424
39	39	784	SLU_ENV	Min	0.	56.2279	6.9099	-31.3328
39	39	782	SLV_Ex		184.68	-307.1866	-62.4919	-2.5439
39	39	781	SLV_Ex		151.37	-308.9818	-62.8589	-1.6731
39	39	783	SLV_Ex		158.35	-92.0297	-20.6468	-0.0195
39	39	784	SLV_Ex		190.77	-90.1513	-20.4022	-0.8903
40	40	784	SLU_ENV	Max	0.	299.7646	74.6364	-1.7731
40	40	783	SLU_ENV	Max	0.	275.5385	38.2316	-1.1978
40	40	785	SLU_ENV	Max	0.	492.0642	82.1475	-0.5225
40	40	786	SLU_ENV	Max	0.	516.6518	118.6478	-1.0978
40	40	784	SLU_ENV	Min	0.	56.1805	7.1543	-31.1843

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
40	40	783	SLU_ENV	Min	0.	55.6387	8.0241	-31.7151
40	40	785	SLU_ENV	Min	0.	82.0243	12.5381	-15.8463
40	40	786	SLU_ENV	Min	0.	82.5866	11.6434	-15.3154
40	40	784	SLV_Ex		158.36	-93.6445	-21.3229	-0.975
40	40	783	SLV_Ex		159.81	-92.8709	-20.5929	0.0549
40	40	785	SLV_Ex		163.02	75.8288	11.8138	-0.4404
40	40	786	SLV_Ex		163.98	75.1871	10.8948	-1.4703
41	41	786	SLU_ENV	Max	0.	511.8834	121.6538	-0.9447
41	41	785	SLU_ENV	Max	0.	486.0401	76.983	-0.6728
41	41	787	SLU_ENV	Max	0.	522.7483	85.2817	0.4458
41	41	788	SLU_ENV	Max	0.	548.3947	129.7813	0.6586
41	41	786	SLU_ENV	Min	0.	82.4698	11.7337	-15.2543
41	41	785	SLU_ENV	Min	0.	81.7299	12.3655	-15.9328
41	41	787	SLU_ENV	Min	0.	90.5348	13.7675	-0.6469
41	41	788	SLU_ENV	Min	0.	91.2843	13.1235	-0.4532
41	41	786	SLV_Ex		152.87	72.8027	10.0673	-2.3162
41	41	785	SLV_Ex		146.45	73.55	11.7086	0.4048
41	41	787	SLV_Ex		139.03	194.8345	32.4009	0.1038
41	41	788	SLV_Ex		146.12	194.2254	30.5624	-2.6171
42	42	788	SLU_ENV	Max	0.	548.3988	129.7819	0.454
42	42	787	SLU_ENV	Max	0.	522.7436	85.281	0.6488
42	42	789	SLU_ENV	Max	0.	486.0313	76.9817	15.9399
42	42	790	SLU_ENV	Max	0.	511.8836	121.6538	15.2601
42	42	788	SLU_ENV	Min	0.	91.2852	13.1235	-0.6582
42	42	787	SLU_ENV	Min	0.	90.5343	13.7675	-0.4451
42	42	789	SLU_ENV	Min	0.	81.7281	12.3654	0.6735
42	42	790	SLU_ENV	Min	0.	82.4694	11.7336	0.9454
42	42	788	SLV_Ex		138.35	193.5907	29.9489	-2.028
42	42	787	SLV_Ex		126.79	192.9804	32.5166	-0.473
42	42	789	SLV_Ex		130.05	267.3572	45.3626	0.6226
42	42	790	SLV_Ex		141.93	268.0556	42.6645	-0.9324
43	43	790	SLU_ENV	Max	0.	516.6523	118.6448	15.3213
43	43	789	SLU_ENV	Max	0.	492.0532	82.1489	15.8543
43	43	791	SLU_ENV	Max	0.	275.5227	38.2313	31.7154
43	43	792	SLU_ENV	Max	0.	299.7603	74.6318	31.1825
43	43	790	SLU_ENV	Min	0.	82.5866	11.6432	1.0985
43	43	789	SLU_ENV	Min	0.	82.0226	12.5382	0.5234
43	43	791	SLU_ENV	Min	0.	55.6359	8.0239	1.1979
43	43	792	SLU_ENV	Min	0.	56.1793	7.1537	1.773
43	43	790	SLV_Ex		131.78	266.0198	41.6829	0.3266
43	43	789	SLV_Ex		113.19	266.411	45.7478	-0.6152
43	43	791	SLV_Ex		102.8	294.3771	52.5927	-0.2242
43	43	792	SLV_Ex		122.13	293.9849	48.5139	0.7176
44	44	792	SLU_ENV	Max	0.	295.4283	55.3603	31.3333
44	44	791	SLU_ENV	Max	0.	295.811	60.694	31.5418
44	44	793	SLU_ENV	Max	0.	29.3429	2.8747	32.1416
44	44	794	SLU_ENV	Max	0.	30.2252	0.2986	31.9332
44	44	792	SLU_ENV	Min	0.	56.2287	6.9093	1.9737
44	44	791	SLU_ENV	Min	0.	55.8159	8.3142	0.9978
44	44	793	SLU_ENV	Min	0.	-9.9033	0.8725	1.6265
44	44	794	SLU_ENV	Min	0.	-10.831	-3.3455	2.6024
44	44	792	SLV_Ex		93.78	290.9908	47.0844	1.4278
44	44	791	SLV_Ex		91.63	294.6586	53.4796	-0.9148
44	44	793	SLV_Ex		99.35	277.5029	53.1276	-3.1746

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
44	44	794	SLV_Ex		99.43	273.7547	46.8196	-0.832
45	45	794	SLU_ENV	Max	0.	27.0141	-1.0426	32.4775
45	45	793	SLU_ENV	Max	0.	28.4593	12.5414	31.5968
45	45	795	SLU_ENV	Max	0.	-55.4893	-10.3034	24.7362
45	45	796	SLU_ENV	Max	0.	-56.0846	-12.4668	25.6169
45	45	794	SLU_ENV	Min	0.	-8.1449	-9.7872	2.802
45	45	793	SLU_ENV	Min	0.	2.1867	1.125	1.4255
45	45	795	SLU_ENV	Min	0.	-378.548	-65.3931	1.26
45	45	796	SLU_ENV	Min	0.	-389.7451	-87.8838	2.6365
45	45	794	SLV_Ex		102.33	273.2437	46.5152	-1.274
45	45	793	SLV_Ex		97.91	278.596	53.5485	-2.7163
45	45	795	SLV_Ex		127.04	212.4799	42.3585	-6.8103
45	45	796	SLV_Ex		131.38	207.029	35.5227	-5.3681
46	46	61	SLU_ENV	Max	0.	-10.9588	-54.9712	10.0505
46	46	60	SLU_ENV	Max	0.	-10.9438	-54.9456	7.2477
46	46	87	SLU_ENV	Max	0.	-11.008	-54.9778	7.1971
46	46	88	SLU_ENV	Max	0.	-11.0213	-55.0052	9.9999
46	46	61	SLU_ENV	Min	0.	-28.5911	-148.0044	-0.3008
46	46	60	SLU_ENV	Min	0.	-34.8517	-179.4631	-0.1885
46	46	87	SLU_ENV	Min	0.	-36.2716	-176.1636	-0.1616
46	46	88	SLU_ENV	Min	0.	-30.0119	-144.726	-0.2739
46	46	61	SLV_Ex		155.28	-86.448	-426.6739	-2.881
46	46	60	SLV_Ex		157.41	-34.9718	-162.9614	-2.6906
46	46	87	SLV_Ex		156.71	-33.9835	-163.0304	-1.6346
46	46	88	SLV_Ex		154.59	-85.4718	-426.7156	-1.825
47	47	88	SLU_ENV	Max	0.	-11.0081	-55.0024	10.0066
47	47	87	SLU_ENV	Max	0.	-10.9988	-54.9762	7.1831
47	47	114	SLU_ENV	Max	0.	-10.9983	-55.0172	6.7761
47	47	141	SLU_ENV	Max	0.	-11.0069	-55.0446	9.5996
47	47	88	SLU_ENV	Min	0.	-27.7435	-145.351	-0.311
47	47	87	SLU_ENV	Min	0.	-33.158	-174.4622	-0.1368
47	47	114	SLU_ENV	Min	0.	-34.1948	-171.1281	-0.1013
47	47	141	SLU_ENV	Min	0.	-28.793	-142.0229	-0.2756
47	47	88	SLV_Ex		154.55	-85.82	-426.4064	-1.5838
47	47	87	SLV_Ex		156.61	-34.2509	-163.4628	-1.6877
47	47	114	SLV_Ex		157.17	-33.8666	-163.2453	-0.8456
47	47	141	SLV_Ex		155.1	-85.4285	-426.1947	-0.7417
48	48	141	SLU_ENV	Max	0.	-11.0254	-55.0729	9.5612
48	48	114	SLU_ENV	Max	0.	-10.9814	-54.9892	6.8081
48	48	167	SLU_ENV	Max	0.	-10.8982	-55.0385	6.0233
48	48	168	SLU_ENV	Max	0.	-10.9421	-55.1231	8.7764
48	48	141	SLU_ENV	Min	0.	-26.8614	-142.705	-0.2992
48	48	114	SLU_ENV	Min	0.	-31.3462	-169.4899	-0.0911
48	48	167	SLU_ENV	Min	0.	-31.9364	-166.1829	-0.1281
48	48	168	SLU_ENV	Min	0.	-27.4678	-139.3983	-0.3363
48	48	141	SLV_Ex		155.07	-85.6008	-426.1969	-0.6278
48	48	114	SLV_Ex		157.2	-33.9523	-163.2947	-0.768
48	48	167	SLV_Ex		156.85	-34.2587	-163.162	-0.0042
48	48	168	SLV_Ex		154.75	-85.8976	-426.08	0.1359
49	49	168	SLU_ENV	Max	0.	-11.0168	-55.1872	8.6839
49	49	167	SLU_ENV	Max	0.	-10.8866	-54.9869	6.1116
49	49	194	SLU_ENV	Max	0.	-10.6394	-55.0365	5.0076
49	49	195	SLU_ENV	Max	0.	-10.7706	-55.2369	7.5798
49	49	168	SLU_ENV	Min	0.	-25.9366	-140.0918	-0.3841

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
49	49	167	SLU_ENV	Min	0.	-29.5203	-164.6999	-0.0922
49	49	194	SLU_ENV	Min	0.	-29.4113	-161.5804	-0.3031
49	49	195	SLU_ENV	Min	0.	-25.8558	-136.9545	-0.595
49	49	168	SLV_Ex		154.78	-85.8233	-426.4606	0.4776
49	49	167	SLV_Ex		157.21	-34.6391	-162.8426	-0.1604
49	49	194	SLV_Ex		161.61	-35.5014	-162.1354	1.1785
49	49	195	SLV_Ex		159.18	-86.6451	-425.8193	1.8165
50	50	195	SLU_ENV	Max	0.	-10.9356	-55.3231	7.3825
50	50	194	SLU_ENV	Max	0.	-10.5207	-54.9664	5.2014
50	50	221	SLU_ENV	Max	0.	-9.9731	-55.0917	3.6779
50	50	222	SLU_ENV	Max	0.	-10.3572	-55.4453	5.859
50	50	195	SLU_ENV	Min	0.	-24.9132	-137.5906	-0.7262
50	50	194	SLU_ENV	Min	0.	-27.2625	-160.3192	-0.1832
50	50	221	SLU_ENV	Min	0.	-25.955	-157.6836	-1.0015
50	50	222	SLU_ENV	Min	0.	-23.6772	-134.9208	-1.5445
50	50	195	SLV_Ex		159.9	-87.0035	-426.9145	2.0211
50	50	194	SLV_Ex		162.68	-35.8781	-161.1872	1.1639
50	50	221	SLV_Ex		169.96	-36.7025	-160.1658	2.9507
50	50	222	SLV_Ex		167.55	-87.7762	-425.9911	3.808
51	51	222	SLU_ENV	Max	0.	-10.2295	-55.4711	5.6655
51	51	221	SLU_ENV	Max	0.	-8.8013	-55.0863	3.8692
51	51	248	SLU_ENV	Max	0.	-8.0894	-55.1219	1.8724
51	51	249	SLU_ENV	Max	0.	-9.4151	-55.4949	3.6688
51	51	222	SLU_ENV	Min	0.	-23.739	-135.2785	-1.6062
51	51	221	SLU_ENV	Min	0.	-25.0618	-156.8794	-0.9477
51	51	248	SLU_ENV	Min	0.	-21.4572	-154.5285	-2.9664
51	51	249	SLU_ENV	Min	0.	-20.3023	-132.8553	-3.6248
51	51	222	SLV_Ex		169.41	-88.542	-428.3096	4.9496
51	51	221	SLV_Ex		174.21	-39.6028	-158.5805	1.9864
51	51	248	SLV_Ex		198.95	-38.1796	-154.2573	6.5573
51	51	249	SLV_Ex		193.55	-86.9876	-424.2144	9.5205
52	52	249	SLU_ENV	Max	0.	-8.8411	-55.1326	3.2115
52	52	248	SLU_ENV	Max	0.	-6.1308	-55.3028	2.3297
52	52	275	SLU_ENV	Max	0.	-4.6035	-55.7833	-0.7918
52	52	276	SLU_ENV	Max	0.	-7.3528	-55.5667	0.09
52	52	249	SLU_ENV	Min	0.	-20.7397	-132.1906	-4.1567
52	52	248	SLU_ENV	Min	0.	-19.1807	-154.5003	-2.4353
52	52	275	SLU_ENV	Min	0.	-13.5195	-153.8074	-7.4155
52	52	276	SLU_ENV	Min	0.	-15.1658	-131.3414	-9.1368
52	52	249	SLV_Ex		204.1	-91.1099	-427.453	10.2676
52	52	248	SLV_Ex		206.24	-36.0407	-151.4154	6.022
52	52	275	SLV_Ex		190.34	-25.7765	-143.6739	6.0972
52	52	276	SLV_Ex		184.98	-80.7698	-419.8717	10.3428
53	53	276	SLU_ENV	Max	0.	-4.3496	-54.3302	-1.2357
53	53	275	SLU_ENV	Max	0.	-2.3096	-55.9352	0.5281
53	53	302	SLU_ENV	Max	0.	-1.1455	-59.2645	-2.1269
53	53	303	SLU_ENV	Max	0.	-3.07	-57.597	-3.8908
53	53	276	SLU_ENV	Min	0.	-9.6682	-128.8531	-11.2046
53	53	275	SLU_ENV	Min	0.	-7.9305	-154.1034	-5.3524
53	53	302	SLU_ENV	Min	0.	-3.968	-159.9582	-11.1737
53	53	303	SLU_ENV	Min	0.	-5.9878	-134.4987	-17.0259
53	53	276	SLV_Ex		201.97	-54.9547	-417.2898	1.08
53	53	275	SLV_Ex		180.53	-22.9607	-140.5296	15.4649
53	53	302	SLV_Ex		105.	3.208	-153.8503	37.1119

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
53	53	303	SLV_Ex		128.81	-28.1984	-431.3875	22.727
54	54	779	SLU_ENV	Max	0.	-55.613	-12.0047	-1.2537
54	54	806	SLU_ENV	Max	0.	-55.1766	-10.6567	-0.5097
54	54	807	SLU_ENV	Max	0.	28.8828	15.0339	-0.6494
54	54	781	SLU_ENV	Max	0.	28.0374	0.5597	-1.3934
54	54	779	SLU_ENV	Min	0.	-374.3556	-83.8896	-23.3223
54	54	806	SLU_ENV	Min	0.	-358.9192	-63.1868	-25.1212
54	54	807	SLU_ENV	Min	0.	5.9708	1.8536	-34.6056
54	54	781	SLU_ENV	Min	0.	-9.1614	-5.4528	-32.8067
54	54	779	SLV_Ex		156.59	-604.2089	-122.6041	0.3052
54	54	806	SLV_Ex		144.8	-602.1505	-119.3968	0.8793
54	54	807	SLV_Ex		145.74	-308.0549	-61.3549	-0.2694
54	54	781	SLV_Ex		156.96	-310.0432	-64.607	-0.8435
55	55	781	SLU_ENV	Max	0.	29.605	2.4486	-1.3925
55	55	807	SLU_ENV	Max	0.	29.9031	5.6304	-0.6514
55	55	808	SLU_ENV	Max	0.	281.6621	58.899	-0.4416
55	55	783	SLU_ENV	Max	0.	287.9057	55.7328	-1.2035
55	55	781	SLU_ENV	Min	0.	-3.079	0.6727	-34.3312
55	55	807	SLU_ENV	Min	0.	-9.5356	1.8756	-33.1146
55	55	808	SLU_ENV	Min	0.	55.61	9.7222	-27.9592
55	55	783	SLU_ENV	Min	0.	55.6292	8.5306	-29.155
55	55	781	SLV_Ex		149.75	-309.252	-63.74	-0.9482
55	55	807	SLV_Ex		143.22	-309.3658	-62.3258	-0.1707
55	55	808	SLV_Ex		147.49	-92.2874	-19.795	0.1768
55	55	783	SLV_Ex		152.89	-92.0639	-21.2876	-0.6007
56	56	783	SLU_ENV	Max	0.	288.564	54.5584	-1.0606
56	56	808	SLU_ENV	Max	0.	274.7883	58.8303	-0.6044
56	56	809	SLU_ENV	Max	0.	470.5764	96.3723	-0.0148
56	56	785	SLU_ENV	Max	0.	484.2791	92.0226	-0.6445
56	56	783	SLU_ENV	Min	0.	55.9177	8.686	-29.2668
56	56	808	SLU_ENV	Min	0.	55.5606	9.6147	-27.8287
56	56	809	SLU_ENV	Min	0.	81.6805	14.3355	-16.9436
56	56	785	SLU_ENV	Min	0.	82.0499	13.3992	-18.2082
56	56	783	SLV_Ex		155.94	-93.3308	-21.4937	-0.4603
56	56	808	SLV_Ex		137.13	-93.8433	-20.1535	0.0376
56	56	809	SLV_Ex		137.33	75.4771	13.1497	0.6731
56	56	785	SLV_Ex		155.97	76.0918	11.73	0.1752
57	57	785	SLU_ENV	Max	0.	486.4892	94.9171	-0.4743
57	57	809	SLU_ENV	Max	0.	462.9988	92.4043	-0.3568
57	57	810	SLU_ENV	Max	0.	506.1302	102.3908	0.1421
57	57	787	SLU_ENV	Max	0.	529.8255	104.979	0.7251
57	57	785	SLU_ENV	Min	0.	82.0066	13.4627	-16.8442
57	57	809	SLU_ENV	Min	0.	81.6184	14.2509	-18.1225
57	57	810	SLU_ENV	Min	0.	90.346	15.8668	-0.7212
57	57	787	SLU_ENV	Min	0.	90.7392	15.0755	-0.1434
57	57	785	SLV_Ex		137.62	73.2704	11.0506	0.3483
57	57	809	SLV_Ex		130.69	73.8661	12.9425	0.5009
57	57	810	SLV_Ex		133.42	196.043	37.2135	0.3808
57	57	787	SLV_Ex		141.03	195.5503	35.2404	0.2283
58	58	787	SLU_ENV	Max	0.	529.8224	104.9783	0.1462
58	58	810	SLU_ENV	Max	0.	506.131	102.3911	0.7247
58	58	811	SLU_ENV	Max	0.	462.9923	92.4044	18.1247
58	58	789	SLU_ENV	Max	0.	486.4789	94.9162	16.8476
58	58	787	SLU_ENV	Min	0.	90.7387	15.0754	-0.7209

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
58	58	810	SLU_ENV	Min	0.	90.3461	15.8669	-0.14
58	58	811	SLU_ENV	Min	0.	81.6171	14.2508	0.3569
58	58	789	SLU_ENV	Min	0.	82.0047	13.4625	0.4745
58	58	787	SLV_Ex		128.81	193.0781	34.5215	0.3433
58	58	810	SLV_Ex		118.17	194.2796	37.0853	0.2741
58	58	811	SLV_Ex		112.84	269.656	52.2363	-0.2226
58	58	789	SLV_Ex		123.61	268.5127	49.6235	-0.1534
59	59	789	SLU_ENV	Max	0.	484.2684	92.0206	18.2116
59	59	811	SLU_ENV	Max	0.	470.564	96.3723	16.9456
59	59	812	SLU_ENV	Max	0.	274.7692	58.8302	27.8326
59	59	791	SLU_ENV	Max	0.	288.5468	54.5562	29.2718
59	59	789	SLU_ENV	Min	0.	82.0483	13.3989	0.6447
59	59	811	SLU_ENV	Min	0.	81.6783	14.3354	0.0152
59	59	812	SLU_ENV	Min	0.	55.5571	9.6145	0.605
59	59	791	SLU_ENV	Min	0.	55.9147	8.6856	1.0613
59	59	789	SLV_Ex		105.61	266.4614	48.9382	0.2095
59	59	811	SLV_Ex		101.17	268.7762	52.3354	-0.5745
59	59	812	SLV_Ex		103.38	297.8834	59.0024	-1.8147
59	59	791	SLV_Ex		107.65	295.5665	55.601	-1.0308
60	60	791	SLU_ENV	Max	0.	287.8779	55.7285	29.1618
60	60	812	SLU_ENV	Max	0.	281.6458	58.8994	27.9608
60	60	813	SLU_ENV	Max	0.	29.8891	5.6348	33.1087
60	60	793	SLU_ENV	Max	0.	29.5851	2.4485	34.3298
60	60	791	SLU_ENV	Min	0.	55.6246	8.5299	1.2045
60	60	812	SLU_ENV	Min	0.	55.6069	9.722	0.4426
60	60	813	SLU_ENV	Min	0.	-9.5454	1.876	0.6506
60	60	793	SLU_ENV	Min	0.	-3.0963	0.6726	1.3924
60	60	791	SLV_Ex		96.56	294.3371	55.225	-0.9332
60	60	812	SLV_Ex		93.73	298.0276	59.1614	-1.8996
60	60	813	SLV_Ex		99.87	281.9216	56.9696	-4.1288
60	60	793	SLV_Ex		103.2	278.1645	53.0827	-3.1624
61	61	793	SLU_ENV	Max	0.	28.0218	0.5612	32.8005
61	61	813	SLU_ENV	Max	0.	28.8656	15.0357	34.6045
61	61	814	SLU_ENV	Max	0.	-55.1815	-10.6576	25.1219
61	61	795	SLU_ENV	Max	0.	-55.6175	-12.0053	23.3179
61	61	793	SLU_ENV	Min	0.	-9.1734	-5.4507	1.3926
61	61	813	SLU_ENV	Min	0.	5.9576	1.8536	0.6493
61	61	814	SLU_ENV	Min	0.	-358.9397	-63.1901	0.51
61	61	795	SLU_ENV	Min	0.	-374.3735	-83.8916	1.2533
61	61	793	SLV_Ex		101.91	279.6236	54.0408	-3.7163
61	61	813	SLV_Ex		95.45	282.6032	56.4397	-3.5664
61	61	814	SLV_Ex		115.85	214.1859	42.5434	-5.691
61	61	795	SLV_Ex		120.47	211.1289	40.2495	-5.8409
62	62	581	SLU_ENV	Max	0.	-1.8345	-57.9617	19.429
62	62	580	SLU_ENV	Max	0.	-1.7831	-58.5849	10.327
62	62	562	SLU_ENV	Max	0.	-2.3346	-56.4104	4.5479
62	62	563	SLU_ENV	Max	0.	-2.3608	-55.8142	13.65
62	62	581	SLU_ENV	Min	0.	-6.9559	-211.3002	2.3176
62	62	580	SLU_ENV	Min	0.	-8.5375	-254.7923	0.4275
62	62	562	SLU_ENV	Min	0.	-10.9744	-244.1885	0.2938
62	62	563	SLU_ENV	Min	0.	-9.1213	-200.9742	2.1839
62	62	581	SLV_Ex		139.39	6.7725	-122.6788	-44.4871
62	62	580	SLV_Ex		141.66	15.3824	81.6917	-33.7095
62	62	562	SLV_Ex		155.71	-10.4293	63.2292	-7.2102

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
62	62	563	SLV_Ex		153.64	-19.6706	-140.5168	-17.9878
63	63	563	SLU_ENV	Max	0.	-5.6209	-56.5438	13.1025
63	63	562	SLU_ENV	Max	0.	-5.0753	-56.8809	5.0788
63	63	544	SLU_ENV	Max	0.	-6.1537	-55.2562	1.965
63	63	545	SLU_ENV	Max	0.	-6.6848	-54.9357	9.9888
63	63	563	SLU_ENV	Min	0.	-20.2637	-203.8701	2.002
63	63	562	SLU_ENV	Min	0.	-24.8784	-246.3018	0.4771
63	63	544	SLU_ENV	Min	0.	-29.7019	-237.5117	-0.0261
63	63	545	SLU_ENV	Min	0.	-24.8933	-195.2868	1.4988
63	63	563	SLV_Ex		163.13	-20.1933	-139.3155	-14.3031
63	63	562	SLV_Ex		156.54	11.7641	66.362	-10.7961
63	63	544	SLV_Ex		166.48	-1.4075	59.2883	-3.41
63	63	545	SLV_Ex		173.19	-33.7485	-145.9947	-6.917
64	64	545	SLU_ENV	Max	0.	-8.2544	-55.3327	8.7908
64	64	544	SLU_ENV	Max	0.	-7.6497	-55.4724	3.1415
64	64	117	SLU_ENV	Max	0.	-8.5792	-54.9491	2.0649
64	64	118	SLU_ENV	Max	0.	-9.1665	-54.8231	7.425
64	64	545	SLU_ENV	Min	0.	-30.1701	-197.1277	1.0603
64	64	544	SLU_ENV	Min	0.	-36.4098	-238.0677	0.4121
64	64	117	SLU_ENV	Min	0.	-40.3816	-232.6642	-0.3439
64	64	118	SLU_ENV	Min	0.	-33.9509	-191.8742	0.5935
64	64	545	SLV_Ex		165.17	-31.5156	-144.3392	-8.8129
64	64	544	SLV_Ex		167.02	9.0668	60.1742	-1.4258
64	64	117	SLV_Ex		165.3	0.438	50.3859	-1.3218
64	64	118	SLV_Ex		165.02	-40.3162	-153.9885	-8.7088
65	65	118	SLU_ENV	Max	0.	-9.5109	-54.9561	6.7752
65	65	117	SLU_ENV	Max	0.	-9.3262	-55.0344	2.4025
65	65	4	SLU_ENV	Max	0.	-10.1199	-54.8831	2.6132
65	65	5	SLU_ENV	Max	0.	-10.2977	-54.8145	6.7708
65	65	118	SLU_ENV	Min	0.	-34.9475	-193.0027	0.3852
65	65	117	SLU_ENV	Min	0.	-42.6883	-232.1963	0.1548
65	65	4	SLU_ENV	Min	0.	-45.6522	-226.9132	-0.2399
65	65	5	SLU_ENV	Min	0.	-37.7923	-187.8993	0.2056
65	65	118	SLV_Ex		160.17	-32.4985	-151.4307	-7.5742
65	65	117	SLV_Ex		162.39	6.5943	50.6229	-2.3253
65	65	4	SLV_Ex		152.85	-0.9578	42.0949	-1.2526
65	65	5	SLV_Ex		150.43	-40.1519	-159.797	-6.5014
66	66	5	SLU_ENV	Max	0.	-10.366	-54.8456	6.5831
66	66	4	SLU_ENV	Max	0.	-10.2914	-54.9	2.6222
66	66	32	SLU_ENV	Max	0.	-10.7321	-54.9215	2.9775
66	66	33	SLU_ENV	Max	0.	-10.8024	-54.8728	6.9385
66	66	5	SLU_ENV	Min	0.	-37.3032	-188.8366	0.0676
66	66	4	SLU_ENV	Min	0.	-44.8856	-225.7248	0.0533
66	66	32	SLU_ENV	Min	0.	-45.936	-220.6604	-0.1158
66	66	33	SLU_ENV	Min	0.	-38.2521	-183.9297	-0.1014
66	66	5	SLV_Ex		148.78	-35.2894	-157.6668	-5.4023
66	66	4	SLV_Ex		152.36	3.7005	41.8688	-2.2167
66	66	32	SLV_Ex		151.1	1.1973	37.1171	-1.4781
66	66	33	SLV_Ex		147.57	-37.8393	-162.3352	-4.6637
67	67	33	SLU_ENV	Max	0.	-10.7541	-54.8652	7.0828
67	67	32	SLU_ENV	Max	0.	-10.7495	-54.9229	2.8203
67	67	59	SLU_ENV	Max	0.	-10.9595	-54.9654	2.9484
67	67	60	SLU_ENV	Max	0.	-10.9615	-54.9112	7.211
67	67	33	SLU_ENV	Min	0.	-37.2073	-184.796	-0.1719

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
67	67	32	SLU_ENV	Min	0.	-44.1808	-219.2342	-0.0579
67	67	59	SLU_ENV	Min	0.	-43.9837	-213.6269	-0.048
67	67	60	SLU_ENV	Min	0.	-36.9103	-179.3452	-0.1619
67	67	33	SLV_Ex		146.8	-35.0714	-160.9701	-3.8857
67	67	32	SLV_Ex		150.88	3.4063	36.7474	-2.1133
67	67	59	SLV_Ex		149.09	2.8803	34.2672	-1.2318
67	67	60	SLV_Ex		144.98	-35.6349	-163.3872	-3.0042
68	68	60	SLU_ENV	Max	0.	-10.9314	-54.9054	7.2773
68	68	59	SLU_ENV	Max	0.	-10.941	-54.9614	2.8731
68	68	86	SLU_ENV	Max	0.	-11.0171	-55.0019	2.789
68	68	87	SLU_ENV	Max	0.	-11.0062	-54.9475	7.1857
68	68	60	SLU_ENV	Min	0.	-35.9499	-180.2543	-0.1972
68	68	59	SLU_ENV	Min	0.	-42.2118	-212.1714	-0.0246
68	68	86	SLU_ENV	Min	0.	-41.3531	-206.3093	0.0111
68	68	87	SLU_ENV	Min	0.	-35.005	-174.5305	-0.1539
68	68	60	SLV_Ex		144.9	-34.5298	-162.649	-2.4758
68	68	59	SLV_Ex		148.8	4.0258	33.9791	-1.6222
68	68	86	SLV_Ex		149.42	4.0559	32.8472	-0.9946
68	68	87	SLV_Ex		145.52	-34.5091	-163.7606	-1.8482
69	69	87	SLU_ENV	Max	0.	-11.0013	-54.9502	7.1693
69	69	86	SLU_ENV	Max	0.	-11.0113	-54.9971	2.7903
69	69	113	SLU_ENV	Max	0.	-10.9908	-55.0126	2.4516
69	69	114	SLU_ENV	Max	0.	-10.9804	-54.9665	6.8086
69	69	87	SLU_ENV	Min	0.	-34.2732	-175.4521	-0.1394
69	69	86	SLU_ENV	Min	0.	-39.7522	-204.9212	-0.0092
69	69	113	SLU_ENV	Min	0.	-38.5389	-198.9771	0.0097
69	69	114	SLU_ENV	Min	0.	-32.9795	-169.6373	-0.0987
69	69	87	SLV_Ex		145.41	-34.1195	-163.4194	-1.5114
69	69	86	SLV_Ex		149.42	4.4851	32.6698	-1.1889
69	69	113	SLV_Ex		148.71	4.5016	32.2422	-0.7017
69	69	114	SLV_Ex		144.7	-34.1079	-163.8377	-1.0242
70	70	806	SLU_ENV	Max	0.	-55.3572	-11.3735	-0.5187
70	70	821	SLU_ENV	Max	0.	-55.1474	-10.7845	0.2372
70	70	822	SLU_ENV	Max	0.	29.5625	12.5901	0.23
70	70	807	SLU_ENV	Max	0.	29.2947	3.923	-0.5952
70	70	806	SLU_ENV	Min	0.	-352.6332	-77.9657	-24.9241
70	70	821	SLU_ENV	Min	0.	-337.5435	-59.8733	-25.5439
70	70	822	SLU_ENV	Min	0.	7.3934	2.1901	-35.246
70	70	807	SLU_ENV	Min	0.	-7.7451	-7.5328	-34.557
70	70	806	SLV_Ex		144.5	-601.6001	-120.8766	0.8933
70	70	821	SLV_Ex		143.02	-599.9376	-118.6475	1.3617
70	70	822	SLV_Ex		143.1	-307.662	-60.8334	0.3812
70	70	807	SLV_Ex		144.75	-309.2552	-63.1245	-0.0871
71	71	807	SLU_ENV	Max	0.	29.7418	3.6148	-0.5725
71	71	822	SLU_ENV	Max	0.	30.0831	5.7534	0.1464
71	71	823	SLU_ENV	Max	0.	268.931	58.751	0.2179
71	71	808	SLU_ENV	Max	0.	274.3274	60.2402	-0.5108
71	71	807	SLU_ENV	Min	0.	-2.1767	1.4117	-32.3887
71	71	822	SLU_ENV	Min	0.	-7.9091	-1.3627	-37.3672
71	71	823	SLU_ENV	Min	0.	55.6021	10.5557	-33.4822
71	71	808	SLU_ENV	Min	0.	55.5465	9.8576	-28.4939
71	71	807	SLV_Ex		142.87	-309.2356	-62.8902	-0.0028
71	71	822	SLV_Ex		133.69	-309.11	-61.3533	0.3009
71	71	823	SLV_Ex		135.06	-92.5048	-18.4239	0.4634

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
71	71	808	SLV_Ex		144.14	-92.5718	-20.0015	0.1597
72	72	808	SLU_ENV	Max	0.	274.9654	65.7678	-0.4115
72	72	823	SLU_ENV	Max	0.	255.3594	50.6367	0.0884
72	72	824	SLU_ENV	Max	0.	455.0384	95.463	0.1322
72	72	809	SLU_ENV	Max	0.	474.6474	110.6753	-0.3177
72	72	808	SLU_ENV	Min	0.	55.6981	9.8977	-28.5515
72	72	823	SLU_ENV	Min	0.	55.6489	10.5553	-33.4103
72	72	824	SLU_ENV	Min	0.	81.6438	15.4918	-20.7571
72	72	809	SLU_ENV	Min	0.	81.6986	14.8305	-15.9483
72	72	808	SLV_Ex		133.62	-93.9025	-20.138	0.3931
72	72	823	SLV_Ex		128.88	-93.6481	-18.7823	0.2283
72	72	824	SLV_Ex		131.38	75.8628	15.2663	0.2721
72	72	809	SLV_Ex		136.09	75.6808	13.8565	0.4369
73	73	809	SLU_ENV	Max	0.	475.5893	113.826	-0.2241
73	73	824	SLU_ENV	Max	0.	446.9112	90.8752	-0.0074
73	73	825	SLU_ENV	Max	0.	472.3254	95.3876	0.257
73	73	810	SLU_ENV	Max	0.	501.0172	118.357	-0.046
73	73	809	SLU_ENV	Min	0.	81.768	14.8593	-18.5276
73	73	824	SLU_ENV	Min	0.	81.6271	15.4735	-18.1465
73	73	825	SLU_ENV	Min	0.	90.3	17.1055	0.0456
73	73	810	SLU_ENV	Min	0.	90.4427	16.4901	-0.2492
73	73	809	SLV_Ex		129.66	73.8235	13.4869	0.5553
73	73	824	SLV_Ex		119.17	74.3406	14.96	0.1583
73	73	825	SLV_Ex		118.25	196.8952	39.8781	0.01
73	73	810	SLV_Ex		128.53	196.4254	38.3683	0.407
74	74	810	SLU_ENV	Max	0.	501.0174	118.3568	0.2519
74	74	825	SLU_ENV	Max	0.	472.323	95.3874	-0.0456
74	74	826	SLU_ENV	Max	0.	446.9026	90.8751	18.149
74	74	811	SLU_ENV	Max	0.	475.5832	113.8258	18.5309
74	74	810	SLU_ENV	Min	0.	90.4428	16.4901	0.0461
74	74	825	SLU_ENV	Min	0.	90.2996	17.1055	-0.2556
74	74	826	SLU_ENV	Min	0.	81.6254	15.4733	0.0087
74	74	811	SLU_ENV	Min	0.	81.7667	14.8592	0.2259
74	74	810	SLV_Ex		112.41	194.2557	37.9257	0.4978
74	74	825	SLV_Ex		109.37	195.8004	39.6678	-0.0772
74	74	826	SLV_Ex		111.59	271.6525	55.45	-0.9708
74	74	811	SLV_Ex		114.95	270.1375	53.6844	-0.3958
75	75	811	SLU_ENV	Max	0.	474.6343	110.6739	15.9535
75	75	826	SLU_ENV	Max	0.	455.0312	95.4629	20.7592
75	75	827	SLU_ENV	Max	0.	255.3468	50.6382	33.4096
75	75	812	SLU_ENV	Max	0.	274.9467	65.7682	28.5523
75	75	811	SLU_ENV	Min	0.	81.6964	14.8302	0.3183
75	75	826	SLU_ENV	Min	0.	81.6423	15.4916	-0.1314
75	75	827	SLU_ENV	Min	0.	55.6461	10.5553	-0.0896
75	75	812	SLU_ENV	Min	0.	55.6946	9.8976	0.4117
75	75	811	SLV_Ex		103.37	268.7816	53.4222	-0.4915
75	75	826	SLV_Ex		100.14	270.9833	55.3072	-0.8682
75	75	827	SLV_Ex		101.32	300.4479	61.5954	-2.2543
75	75	812	SLV_Ex		104.48	298.2382	59.7166	-1.8777
76	76	812	SLU_ENV	Max	0.	274.311	60.2411	28.4923
76	76	827	SLU_ENV	Max	0.	268.9151	58.7518	33.483
76	76	828	SLU_ENV	Max	0.	30.068	5.7509	37.3674
76	76	813	SLU_ENV	Max	0.	29.7272	3.6127	32.3868
76	76	812	SLU_ENV	Min	0.	55.5434	9.8576	0.5105

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
76	76	827	SLU_ENV	Min	0.	55.5988	10.5556	-0.2178
76	76	828	SLU_ENV	Min	0.	-7.9189	-1.3636	-0.1459
76	76	813	SLU_ENV	Min	0.	-2.1873	1.4104	0.5723
76	76	812	SLV_Ex		94.99	298.272	59.9047	-2.1944
76	76	827	SLV_Ex		94.44	300.7378	61.472	-1.9318
76	76	828	SLV_Ex		102.79	284.2003	57.8645	-3.5789
76	76	813	SLV_Ex		103.27	281.6979	56.33	-3.8415
77	77	813	SLU_ENV	Max	0.	29.2796	3.9219	34.5572
77	77	828	SLU_ENV	Max	0.	29.547	12.5854	35.2451
77	77	829	SLU_ENV	Max	0.	-55.153	-10.7854	25.5422
77	77	814	SLU_ENV	Max	0.	-55.3626	-11.3737	24.9235
77	77	813	SLU_ENV	Min	0.	-7.7558	-7.5329	0.5953
77	77	828	SLU_ENV	Min	0.	7.3832	2.1891	-0.2308
77	77	829	SLU_ENV	Min	0.	-337.5675	-59.8766	-0.238
77	77	814	SLU_ENV	Min	0.	-352.6575	-77.965	0.5188
77	77	813	SLV_Ex		98.95	284.024	57.4159	-4.2538
77	77	828	SLV_Ex		97.83	284.9365	57.3911	-3.1616
77	77	829	SLV_Ex		112.26	213.7999	41.8419	-3.952
77	77	814	SLV_Ex		113.4	212.8388	41.9358	-5.0442
78	78	114	SLU_ENV	Max	0.	-10.9999	-54.9781	6.6887
78	78	113	SLU_ENV	Max	0.	-11.0049	-55.0077	2.5716
78	78	166	SLU_ENV	Max	0.	-10.8706	-55.0137	2.0629
78	78	167	SLU_ENV	Max	0.	-10.8664	-54.9832	6.1595
78	78	114	SLU_ENV	Min	0.	-32.4026	-170.5109	-0.1198
78	78	113	SLU_ENV	Min	0.	-37.2392	-197.7281	0.0144
78	78	166	SLU_ENV	Min	0.	-35.7389	-192.0811	0.0131
78	78	167	SLU_ENV	Min	0.	-30.8408	-164.9656	-0.1007
78	78	114	SLV_Ex		144.73	-34.1384	-163.7983	-0.6702
78	78	113	SLV_Ex		148.71	4.3683	32.17	-0.9181
78	78	166	SLV_Ex		150.2	4.2424	32.4891	-0.3476
78	78	167	SLV_Ex		146.24	-34.2427	-163.509	-0.0998
79	79	167	SLU_ENV	Max	0.	-10.9234	-55.0023	5.9354
79	79	166	SLU_ENV	Max	0.	-10.8653	-55.005	2.2859
79	79	193	SLU_ENV	Max	0.	-10.5388	-55.0096	1.5014
79	79	194	SLU_ENV	Max	0.	-10.5992	-55.004	5.1993
79	79	167	SLU_ENV	Min	0.	-30.4712	-165.7414	-0.1287
79	79	166	SLU_ENV	Min	0.	-34.5882	-191.0013	0.0268
79	79	193	SLU_ENV	Min	0.	-32.6576	-185.8913	-0.0631
79	79	194	SLU_ENV	Min	0.	-28.4945	-160.7094	-0.267
79	79	167	SLV_Ex		146.56	-35.2231	-163.8371	0.3503
79	79	166	SLV_Ex		150.48	3.641	32.5008	-0.6553
79	79	193	SLV_Ex		150.49	3.6439	33.8515	-0.3419
79	79	194	SLV_Ex		146.57	-35.1944	-162.5261	0.6637
80	80	194	SLU_ENV	Max	0.	-10.5876	-55.0038	4.865
80	80	193	SLU_ENV	Max	0.	-10.4831	-54.9964	1.9148
80	80	220	SLU_ENV	Max	0.	-9.8379	-55.0837	0.9974
80	80	221	SLU_ENV	Max	0.	-9.911	-55.0855	4.0274
80	80	194	SLU_ENV	Min	0.	-27.9839	-161.2795	-0.4479
80	80	193	SLU_ENV	Min	0.	-31.5812	-185.0038	0.0268
80	80	220	SLU_ENV	Min	0.	-28.9301	-180.9719	-0.1826
80	80	221	SLU_ENV	Min	0.	-25.3478	-157.2869	-0.7372
80	80	194	SLV_Ex		147.66	-37.0564	-163.2761	1.4843
80	80	193	SLV_Ex		150.75	1.0578	33.7119	-1.0296
80	80	220	SLV_Ex		159.22	2.1711	37.3165	0.1203

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
80	80	221	SLV_Ex		156.45	-35.8656	-159.7832	2.6342
81	81	221	SLU_ENV	Max	0.	-9.3753	-55.0048	3.5102
81	81	220	SLU_ENV	Max	0.	-8.7769	-55.0148	1.7533
81	81	247	SLU_ENV	Max	0.	-7.2741	-55.4823	0.2473
81	81	248	SLU_ENV	Max	0.	-7.8534	-55.4569	2.2419
81	81	221	SLU_ENV	Min	0.	-24.8307	-157.4933	-1.2704
81	81	220	SLU_ENV	Min	0.	-27.0817	-180.1226	0.1039
81	81	247	SLU_ENV	Min	0.	-23.945	-178.24	-1.0308
81	81	248	SLU_ENV	Min	0.	-21.7379	-155.599	-2.6429
81	81	221	SLV_Ex		160.58	-41.4827	-161.3099	4.1987
81	81	220	SLV_Ex		162.39	-2.0171	36.8822	-1.3003
81	81	247	SLV_Ex		167.92	2.7612	45.1636	-1.1666
81	81	248	SLV_Ex		164.81	-36.6237	-153.1478	4.3325
82	82	248	SLU_ENV	Max	0.	-6.373	-55.0888	1.4283
82	82	247	SLU_ENV	Max	0.	-5.6083	-55.2743	1.0606
82	82	274	SLU_ENV	Max	0.	-4.1663	-56.9127	-0.2469
82	82	275	SLU_ENV	Max	0.	-4.9221	-56.7106	0.1209
82	82	248	SLU_ENV	Min	0.	-18.3332	-155.0329	-3.7644
82	82	247	SLU_ENV	Min	0.	-19.6466	-177.2125	0.0801
82	82	274	SLU_ENV	Min	0.	-15.9352	-179.1762	-2.2311
82	82	275	SLU_ENV	Min	0.	-14.6824	-156.9422	-6.0756
82	82	248	SLV_Ex		174.94	-38.2893	-154.2715	2.8086
82	82	247	SLV_Ex		168.38	-5.629	44.2761	0.4636
82	82	274	SLV_Ex		160.73	7.2711	50.1592	7.0106
82	82	275	SLV_Ex		167.32	-25.116	-148.7584	9.3556
83	83	275	SLU_ENV	Max	0.	-2.2488	-55.9377	-0.4172
83	83	274	SLU_ENV	Max	0.	-2.069	-56.4438	0.2925
83	83	301	SLU_ENV	Max	0.	-1.3302	-58.8364	-0.4199
83	83	302	SLU_ENV	Max	0.	-1.5179	-58.3006	-1.1763
83	83	275	SLU_ENV	Min	0.	-6.8184	-155.4304	-6.7422
83	83	274	SLU_ENV	Min	0.	-7.4867	-177.7132	-1.5699
83	83	301	SLU_ENV	Min	0.	-5.4547	-182.6233	-4.6454
83	83	302	SLU_ENV	Min	0.	-4.8924	-160.2124	-9.7709
83	83	275	SLV_Ex		157.38	-22.7388	-149.2533	12.7076
83	83	274	SLV_Ex		159.81	-12.8696	47.1013	3.7657
83	83	301	SLV_Ex		144.33	14.9596	64.8278	30.9229
83	83	302	SLV_Ex		141.69	5.579	-132.1621	39.8649
84	84	580	SLU_ENV	Max	0.	-1.8222	-58.8637	10.1215
84	84	579	SLU_ENV	Max	0.	-1.7937	-58.6424	-1.608
84	84	561	SLU_ENV	Max	0.	-2.3447	-56.3384	-1.6534
84	84	562	SLU_ENV	Max	0.	-2.3795	-56.5513	4.7212
84	84	580	SLU_ENV	Min	0.	-9.4998	-261.2583	0.3523
84	84	579	SLU_ENV	Min	0.	-10.9072	-301.1635	-1.9773
84	84	561	SLU_ENV	Min	0.	-13.4766	-287.1504	-7.3225
84	84	562	SLU_ENV	Min	0.	-11.9398	-247.3616	0.362
84	84	580	SLV_Ex		162.64	16.4258	92.5497	-28.1436
84	84	579	SLV_Ex		162.19	21.317	210.7824	-11.5756
84	84	561	SLV_Ex		146.66	-3.0986	185.8132	3.8282
84	84	562	SLV_Ex		147.38	-8.3613	67.9282	-12.7398
85	85	562	SLU_ENV	Max	0.	-5.0768	-56.9654	3.8394
85	85	561	SLU_ENV	Max	0.	-5.4245	-57.0797	-1.3807
85	85	543	SLU_ENV	Max	0.	-6.5576	-55.5418	-1.1073
85	85	544	SLU_ENV	Max	0.	-6.2039	-55.4307	3.1949
85	85	562	SLU_ENV	Min	0.	-25.4684	-249.638	0.0873

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
85	85	561	SLU_ENV	Min	0.	-32.9365	-291.4717	-6.4787
85	85	543	SLU_ENV	Min	0.	-37.5772	-279.9108	-7.1232
85	85	544	SLU_ENV	Min	0.	-29.9263	-238.2475	0.3607
85	85	562	SLV_Ex		148.43	11.4026	70.6945	-10.0332
85	85	561	SLV_Ex		149.07	28.6826	193.3558	1.1802
85	85	543	SLV_Ex		140.07	16.463	177.3307	7.0627
85	85	544	SLV_Ex		139.16	-1.0619	54.876	-4.1508
86	86	821	SLU_ENV	Max	0.	-55.311	-11.1706	0.2914
86	86	836	SLU_ENV	Max	0.	-55.2186	-10.9265	0.3768
86	86	837	SLU_ENV	Max	0.	30.1184	11.6684	0.4235
86	86	822	SLU_ENV	Max	0.	30.1007	5.608	0.338
86	86	821	SLU_ENV	Min	0.	-330.5595	-74.1285	-25.64
86	86	836	SLU_ENV	Min	0.	-315.9967	-56.6578	-25.8117
86	86	837	SLU_ENV	Min	0.	8.2785	2.43	-35.2119
86	86	822	SLU_ENV	Min	0.	-6.5067	-8.8945	-35.0402
86	86	821	SLV_Ex		141.73	-599.9703	-120.1685	1.2141
86	86	836	SLV_Ex		138.81	-599.1005	-118.8877	0.9798
86	86	837	SLV_Ex		139.62	-307.2531	-60.3381	0.4815
86	86	822	SLV_Ex		142.48	-308.0957	-61.6443	0.7159
87	87	822	SLU_ENV	Max	0.	29.8322	5.2718	0.3014
87	87	837	SLU_ENV	Max	0.	30.2057	6.2862	0.4593
87	87	838	SLU_ENV	Max	0.	257.5457	47.6712	0.3358
87	87	823	SLU_ENV	Max	0.	258.8993	51.6956	0.1779
87	87	822	SLU_ENV	Min	0.	1.4922	1.769	-35.6804
87	87	837	SLU_ENV	Min	0.	-0.2716	-2.6617	-34.5776
87	87	838	SLU_ENV	Min	0.	55.6974	10.9929	-33.9802
87	87	823	SLU_ENV	Min	0.	55.617	10.6286	-35.083
87	87	822	SLV_Ex		133.04	-309.0245	-61.7345	0.6614
87	87	837	SLV_Ex		131.77	-308.2438	-60.6318	0.5325
87	87	838	SLV_Ex		133.25	-91.944	-17.2917	0.1322
87	87	823	SLV_Ex		134.51	-92.6687	-18.4351	0.2611
88	88	823	SLU_ENV	Max	0.	272.5315	68.351	0.1974
88	88	838	SLU_ENV	Max	0.	244.1672	37.654	0.3184
88	88	839	SLU_ENV	Max	0.	414.0476	63.735	0.2111
88	88	824	SLU_ENV	Max	0.	442.5662	101.2483	0.0901
88	88	823	SLU_ENV	Min	0.	55.683	10.6243	-35.0586
88	88	838	SLU_ENV	Min	0.	55.6952	4.4225	-34.0334
88	88	839	SLU_ENV	Min	0.	81.6757	16.0866	-17.9876
88	88	824	SLU_ENV	Min	0.	81.6651	15.6996	-19.0128
88	88	823	SLV_Ex		128.44	-93.5835	-18.5698	0.3424
88	88	838	SLV_Ex		122.19	-93.2855	-17.6082	0.0554
88	88	839	SLV_Ex		122.78	76.1664	16.542	-0.0117
88	88	824	SLV_Ex		128.85	75.899	15.5579	0.2753
89	89	824	SLU_ENV	Max	0.	444.9484	106.3017	0.1373
89	89	839	SLU_ENV	Max	0.	411.1407	58.5766	0.1648
89	89	840	SLU_ENV	Max	0.	447.5359	66.4174	0.0167
89	89	825	SLU_ENV	Max	0.	481.1207	114.1238	0.2819
89	89	824	SLU_ENV	Min	0.	81.6831	15.7018	-18.2507
89	89	839	SLU_ENV	Min	0.	81.6691	16.0866	-18.7846
89	89	840	SLU_ENV	Min	0.	90.3321	17.7798	-0.2581
89	89	825	SLU_ENV	Min	0.	90.3474	17.394	-0.0168
89	89	824	SLV_Ex		116.39	74.3718	15.315	0.3619
89	89	839	SLV_Ex		114.67	75.2026	16.2867	-0.0981
89	89	840	SLV_Ex		116.76	197.8137	41.2773	-0.5662

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
89	89	825	SLV_Ex		118.66	197.0157	40.2812	-0.1063
90	90	825	SLU_ENV	Max	0.	481.1182	114.1234	0.0172
90	90	840	SLU_ENV	Max	0.	447.5365	66.4174	0.2604
90	90	841	SLU_ENV	Max	0.	411.1355	58.5768	18.785
90	90	826	SLU_ENV	Max	0.	444.9399	106.3017	18.252
90	90	825	SLU_ENV	Min	0.	90.347	17.394	-0.2783
90	90	840	SLU_ENV	Min	0.	90.3322	17.7798	-0.0166
90	90	841	SLU_ENV	Min	0.	81.6679	16.0865	-0.1654
90	90	826	SLU_ENV	Min	0.	81.6814	15.7017	-0.1373
90	90	825	SLV_Ex		109.78	195.8371	40.0848	-0.1681
90	90	840	SLV_Ex		105.44	196.9073	41.0567	-0.5001
90	90	841	SLV_Ex		106.58	272.7889	56.5689	-1.1601
90	90	826	SLV_Ex		110.7	271.7274	55.591	-0.828
91	91	826	SLU_ENV	Max	0.	442.5589	101.2482	19.0135
91	91	841	SLU_ENV	Max	0.	414.0395	63.7349	17.9886
91	91	842	SLU_ENV	Max	0.	244.1533	37.6521	34.0345
91	91	827	SLU_ENV	Max	0.	272.5183	68.3491	35.0593
91	91	826	SLU_ENV	Min	0.	81.6636	15.6995	-0.0906
91	91	841	SLU_ENV	Min	0.	81.674	16.0864	-0.2112
91	91	842	SLU_ENV	Min	0.	55.6921	4.4218	-0.3179
91	91	827	SLU_ENV	Min	0.	55.6801	10.6238	-0.1972
91	91	826	SLV_Ex		99.18	271.0794	55.5625	-1.0233
91	91	841	SLV_Ex		99.38	272.643	56.4386	-0.9621
91	91	842	SLV_Ex		104.03	301.9201	62.2125	-2.0161
91	91	827	SLV_Ex		103.93	300.3521	61.3417	-2.0773
92	92	827	SLU_ENV	Max	0.	258.8836	51.6935	35.0843
92	92	842	SLU_ENV	Max	0.	257.5328	47.669	33.9808
92	92	843	SLU_ENV	Max	0.	30.1914	6.2841	34.5766
92	92	828	SLU_ENV	Max	0.	29.8168	5.2701	35.6801
92	92	827	SLU_ENV	Min	0.	55.6137	10.6281	-0.1772
92	92	842	SLU_ENV	Min	0.	55.6945	10.9923	-0.3358
92	92	843	SLU_ENV	Min	0.	-0.2798	-2.6622	-0.4603
92	92	828	SLU_ENV	Min	0.	1.4819	1.7684	-0.3016
92	92	827	SLV_Ex		97.09	301.1029	61.6784	-2.3562
92	92	842	SLV_Ex		96.53	302.239	62.0897	-1.7339
92	92	843	SLV_Ex		103.5	284.9738	57.9518	-2.5422
92	92	828	SLV_Ex		104.08	283.8159	57.5619	-3.1644
93	93	828	SLU_ENV	Max	0.	30.0864	5.6066	35.0389
93	93	843	SLU_ENV	Max	0.	30.1031	11.666	35.212
93	93	844	SLU_ENV	Max	0.	-55.2247	-10.9279	25.8118
93	93	829	SLU_ENV	Max	0.	-55.3169	-11.1717	25.6387
93	93	828	SLU_ENV	Min	0.	-6.5157	-8.8948	-0.3392
93	93	843	SLU_ENV	Min	0.	8.2694	2.4292	-0.4235
93	93	844	SLU_ENV	Min	0.	-316.0235	-56.6643	-0.3761
93	93	829	SLU_ENV	Min	0.	-330.5854	-74.1339	-0.2918
93	93	828	SLV_Ex		99.12	286.0311	58.4404	-3.4668
93	93	843	SLV_Ex		99.29	286.1415	57.7499	-2.2366
93	93	844	SLV_Ex		112.7	213.1734	41.683	-2.4607
93	93	829	SLV_Ex		112.49	213.0305	42.4188	-3.691
94	94	544	SLU_ENV	Max	0.	-7.6677	-55.6106	1.9365
94	94	543	SLU_ENV	Max	0.	-8.0708	-55.9573	-0.7975
94	94	116	SLU_ENV	Max	0.	-8.9851	-55.2207	-0.5441
94	94	117	SLU_ENV	Max	0.	-8.5747	-54.8784	3.035
94	94	544	SLU_ENV	Min	0.	-37.0986	-239.4915	-0.0016

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
94	94	543	SLU_ENV	Min	0.	-46.9778	-281.9813	-5.845
94	94	116	SLU_ENV	Min	0.	-49.9203	-274.1081	-4.6943
94	94	117	SLU_ENV	Min	0.	-39.8036	-231.7938	0.3041
94	94	544	SLV_Ex		139.81	8.1392	55.3913	-1.318
94	94	543	SLV_Ex		133.73	33.4693	182.0569	4.2975
94	94	116	SLV_Ex		130.55	25.407	174.3012	4.1802
94	94	117	SLV_Ex		135.32	-0.1165	47.7584	-1.4353
95	95	117	SLU_ENV	Max	0.	-9.3367	-54.9935	2.2989
95	95	116	SLU_ENV	Max	0.	-9.498	-55.3605	-0.2631
95	95	3	SLU_ENV	Max	0.	-10.246	-55.1279	-0.1788
95	95	4	SLU_ENV	Max	0.	-10.0785	-54.7694	2.6798
95	95	117	SLU_ENV	Min	0.	-43.763	-233.063	-0.1449
95	95	116	SLU_ENV	Min	0.	-52.4418	-274.1351	-3.8217
95	95	3	SLU_ENV	Min	0.	-53.3283	-266.3023	-3.2733
95	95	4	SLU_ENV	Min	0.	-44.4671	-225.4945	0.1068
95	95	117	SLV_Ex		131.54	6.4155	48.1339	-1.1037
95	95	116	SLV_Ex		135.16	33.5534	176.8613	3.9198
95	95	3	SLV_Ex		141.	25.5039	168.572	2.5539
95	95	4	SLV_Ex		137.8	-1.7097	39.9306	-2.4695
96	96	4	SLU_ENV	Max	0.	-10.2992	-54.8406	2.8164
96	96	3	SLU_ENV	Max	0.	-10.3978	-55.1313	-0.0808
96	96	31	SLU_ENV	Max	0.	-10.7918	-55.0877	-0.0315
96	96	32	SLU_ENV	Max	0.	-10.6889	-54.8037	2.8031
96	96	4	SLU_ENV	Min	0.	-46.176	-226.9451	-0.1081
96	96	3	SLU_ENV	Min	0.	-53.8106	-265.2899	-3.3259
96	96	31	SLU_ENV	Min	0.	-52.3553	-256.8792	-3.2356
96	96	32	SLU_ENV	Min	0.	-44.5228	-218.826	0.0449
96	96	4	SLV_Ex		137.28	3.8618	40.5424	-1.5666
96	96	3	SLV_Ex		142.39	30.2838	170.0305	1.744
96	96	31	SLV_Ex		141.83	26.9407	164.9452	1.1794
96	96	32	SLV_Ex		136.66	0.4551	35.5391	-2.1312
97	97	32	SLU_ENV	Max	0.	-10.7506	-54.8521	2.9321
97	97	31	SLU_ENV	Max	0.	-10.7968	-55.0526	0.0831
97	97	58	SLU_ENV	Max	0.	-10.9766	-55.0817	0.1386
97	97	59	SLU_ENV	Max	0.	-10.9281	-54.885	2.8564
97	97	32	SLU_ENV	Min	0.	-45.4763	-220.3111	-0.0814
97	97	31	SLU_ENV	Min	0.	-52.3646	-255.5867	-3.3777
97	97	58	SLU_ENV	Min	0.	-49.6112	-246.7693	-3.4534
97	97	59	SLU_ENV	Min	0.	-42.5331	-211.7745	-0.0259
97	97	32	SLV_Ex		136.4	3.6148	36.125	-1.517
97	97	31	SLV_Ex		142.07	29.7671	165.5565	0.6533
97	97	58	SLV_Ex		143.22	28.4806	162.4103	0.3443
97	97	59	SLV_Ex		137.59	2.298	33.0212	-1.8259
98	98	59	SLU_ENV	Max	0.	-10.9385	-54.9109	2.9265
98	98	58	SLU_ENV	Max	0.	-10.9709	-55.0567	0.1197
98	98	85	SLU_ENV	Max	0.	-11.0284	-55.0711	0.1549
98	98	86	SLU_ENV	Max	0.	-10.9946	-54.9275	2.7508
98	98	59	SLU_ENV	Min	0.	-43.4358	-213.1961	-0.0205
98	98	58	SLU_ENV	Min	0.	-49.6079	-245.5275	-3.5342
98	98	85	SLU_ENV	Min	0.	-46.2948	-236.3599	-3.7111
98	98	86	SLU_ENV	Min	0.	-39.9334	-204.3063	0.0134
98	98	59	SLV_Ex		137.3	4.1415	33.4814	-1.2839
98	98	58	SLV_Ex		143.12	29.9578	162.6142	-0.1045
98	98	85	SLV_Ex		142.54	29.4792	160.9425	-0.1559

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
98	98	86	SLV_Ex		136.7	3.6399	31.8432	-1.3354
99	99	86	SLU_ENV	Max	0.	-11.0016	-54.9363	2.6643
99	99	85	SLU_ENV	Max	0.	-11.0311	-55.0642	0.1595
99	99	112	SLU_ENV	Max	0.	-11.0054	-55.0796	0.1844
99	99	113	SLU_ENV	Max	0.	-10.9761	-54.9515	2.5875
99	99	86	SLU_ENV	Min	0.	-40.8169	-205.6078	-0.0019
99	99	85	SLU_ENV	Min	0.	-46.5579	-235.2877	-3.6317
99	99	112	SLU_ENV	Min	0.	-43.108	-226.3387	-3.7205
99	99	113	SLU_ENV	Min	0.	-37.1975	-196.9071	0.0109
99	99	86	SLV_Ex		136.7	4.4659	32.1087	-0.9607
99	99	85	SLV_Ex		142.41	30.1543	160.9772	-0.4418
99	99	112	SLV_Ex		143.24	29.9208	160.247	-0.4092
99	99	113	SLV_Ex		137.54	4.2354	31.3762	-0.9281
100	100	113	SLU_ENV	Max	0.	-10.9868	-54.9442	2.354
100	100	112	SLU_ENV	Max	0.	-11.0177	-55.0915	0.1524
100	100	165	SLU_ENV	Max	0.	-10.8894	-55.0809	0.17
100	100	166	SLU_ENV	Max	0.	-10.8596	-54.9319	2.2997
100	100	113	SLU_ENV	Min	0.	-38.0897	-198.0363	0.0134
100	100	112	SLU_ENV	Min	0.	-43.4032	-225.4469	-3.4741
100	100	165	SLU_ENV	Min	0.	-39.9848	-217.1135	-3.5453
100	100	166	SLU_ENV	Min	0.	-34.5188	-189.9247	0.0141
100	100	113	SLV_Ex		137.54	4.2026	31.4441	-0.563
100	100	112	SLV_Ex		143.4	30.063	160.201	-0.6811
100	100	165	SLV_Ex		142.35	29.9325	160.336	-0.8241
100	100	166	SLV_Ex		136.45	4.0792	31.5703	-0.706
101	101	166	SLU_ENV	Max	0.	-10.8338	-54.9022	1.882
101	101	165	SLU_ENV	Max	0.	-10.9107	-55.1097	0.2546
101	101	192	SLU_ENV	Max	0.	-10.6087	-55.1463	0.3398
101	101	193	SLU_ENV	Max	0.	-10.5346	-54.9342	1.9068
101	101	166	SLU_ENV	Min	0.	-35.1787	-190.8087	-0.0369
101	101	165	SLU_ENV	Min	0.	-40.2631	-216.4172	-3.1725
101	101	192	SLU_ENV	Min	0.	-36.8163	-209.2483	-3.1815
101	101	193	SLU_ENV	Min	0.	-31.6128	-183.8125	0.0147
101	101	166	SLV_Ex		136.76	3.3305	31.504	-0.3765
101	101	165	SLV_Ex		142.04	29.2912	160.1243	-1.0658
101	101	192	SLV_Ex		143.15	29.3904	161.0819	-1.308
101	101	193	SLV_Ex		137.91	3.4674	32.4134	-0.6188
102	102	836	SLU_ENV	Max	0.	-55.3035	-11.0452	0.4685
102	102	851	SLU_ENV	Max	0.	-55.2724	-10.9744	0.3322
102	102	852	SLU_ENV	Max	0.	30.4209	10.5244	0.3606
102	102	837	SLU_ENV	Max	0.	30.468	6.2699	0.4969
102	102	836	SLU_ENV	Min	0.	-309.6352	-69.6305	-25.7452
102	102	851	SLU_ENV	Min	0.	-295.0318	-52.3542	-24.3674
102	102	852	SLU_ENV	Min	0.	10.2688	2.5206	-33.8014
102	102	837	SLU_ENV	Min	0.	-4.5812	-10.2478	-35.1792
102	102	836	SLV_Ex		138.2	-599.1683	-119.3675	1.1266
102	102	851	SLV_Ex		137.99	-598.3209	-118.8174	0.791
102	102	852	SLV_Ex		139.15	-306.5524	-60.1546	0.1953
102	102	837	SLV_Ex		139.36	-307.3622	-60.7428	0.5309
103	103	837	SLU_ENV	Max	0.	30.0242	6.0453	0.4909
103	103	852	SLU_ENV	Max	0.	30.1766	6.3184	0.3681
103	103	853	SLU_ENV	Max	0.	243.0745	43.3863	0.2951
103	103	838	SLU_ENV	Max	0.	248.4323	42.683	0.4179
103	103	837	SLU_ENV	Min	0.	8.1825	-1.5616	-36.3659

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
103	103	852	SLU_ENV	Min	0.	2.6304	-0.8476	-32.6365
103	103	853	SLU_ENV	Min	0.	55.7536	11.1638	-28.3642
103	103	838	SLU_ENV	Min	0.	55.7202	11.032	-32.0936
103	103	837	SLV_Ex		131.53	-308.235	-60.9281	0.5318
103	103	852	SLV_Ex		128.82	-307.7932	-60.3921	0.1992
103	103	853	SLV_Ex		129.63	-91.6105	-16.8723	-0.0479
103	103	838	SLV_Ex		132.25	-92.0375	-17.4189	0.2846
104	104	838	SLU_ENV	Max	0.	256.6942	45.3028	0.3865
104	104	853	SLU_ENV	Max	0.	240.6088	41.9258	0.3261
104	104	854	SLU_ENV	Max	0.	389.9764	68.1958	0.1521
104	104	839	SLU_ENV	Max	0.	405.9442	71.6165	0.2125
104	104	838	SLU_ENV	Min	0.	55.6972	11.0178	-31.8887
104	104	853	SLU_ENV	Min	0.	55.7248	11.1676	-28.5799
104	104	854	SLU_ENV	Min	0.	81.7185	16.3225	-16.7781
104	104	839	SLU_ENV	Min	0.	81.6922	16.1717	-20.087
104	104	838	SLV_Ex		121.15	-93.2483	-17.606	0.3016
104	104	853	SLV_Ex		121.11	-92.5588	-17.117	-0.0669
104	104	854	SLV_Ex		122.58	76.8005	17.1026	-0.5028
104	104	839	SLV_Ex		122.74	76.1397	16.5927	-0.1343
105	105	839	SLU_ENV	Max	0.	412.7357	75.1985	0.1918
105	105	854	SLU_ENV	Max	0.	386.7187	65.3206	0.1744
105	105	855	SLU_ENV	Max	0.	426.3992	72.6292	0.2852
105	105	840	SLU_ENV	Max	0.	452.4979	82.5805	0.0085
105	105	839	SLU_ENV	Min	0.	81.687	16.1672	-18.718
105	105	854	SLU_ENV	Min	0.	81.6946	16.3212	-18.1541
105	105	855	SLU_ENV	Min	0.	90.3589	18.0373	-0.0089
105	105	840	SLU_ENV	Min	0.	90.3512	17.8835	-0.2787
105	105	839	SLV_Ex		114.65	75.2445	16.4417	-0.1485
105	105	854	SLV_Ex		111.11	75.7032	16.8551	-0.485
105	105	855	SLV_Ex		112.38	198.2522	41.6863	-0.7668
105	105	840	SLV_Ex		115.72	197.8009	41.2679	-0.4303
106	106	840	SLU_ENV	Max	0.	452.4984	82.5805	0.2795
106	106	855	SLU_ENV	Max	0.	426.3982	72.6291	0.0085
106	106	856	SLU_ENV	Max	0.	386.7117	65.3195	18.1553
106	106	841	SLU_ENV	Max	0.	412.7303	75.1975	18.7194
106	106	840	SLU_ENV	Min	0.	90.3513	17.8835	-0.0089
106	106	855	SLU_ENV	Min	0.	90.3587	18.0373	-0.2846
106	106	856	SLU_ENV	Min	0.	81.693	16.3209	-0.1741
106	106	841	SLU_ENV	Min	0.	81.6857	16.167	-0.1914
106	106	840	SLV_Ex		104.32	196.9573	41.1631	-0.5325
106	106	855	SLV_Ex		104.83	197.7459	41.5211	-0.6645
106	106	856	SLV_Ex		107.89	273.5128	56.7915	-1.2043
106	106	841	SLV_Ex		107.52	272.7321	56.4285	-1.0724
107	107	841	SLU_ENV	Max	0.	405.9361	71.6152	20.0886
107	107	856	SLU_ENV	Max	0.	389.9706	68.1947	16.7792
107	107	857	SLU_ENV	Max	0.	240.5971	41.9244	28.5798
107	107	842	SLU_ENV	Max	0.	256.6801	45.3013	31.8892
107	107	841	SLU_ENV	Min	0.	81.6905	16.1714	-0.2119
107	107	856	SLU_ENV	Min	0.	81.7171	16.3222	-0.152
107	107	857	SLU_ENV	Min	0.	55.722	11.1672	-0.3267
107	107	842	SLU_ENV	Min	0.	55.6941	11.0174	-0.3867
107	107	841	SLV_Ex		100.32	272.7598	56.5004	-1.2764
107	107	856	SLV_Ex		98.68	273.3275	56.6881	-0.998
107	107	857	SLV_Ex		103.09	302.3445	62.1728	-1.4022

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
107	107	842	SLV_Ex		104.58	301.7713	61.9907	-1.6806
108	108	842	SLU_ENV	Max	0.	248.4197	42.6817	32.0934
108	108	857	SLU_ENV	Max	0.	243.0613	43.3847	28.3648
108	108	858	SLU_ENV	Max	0.	30.1612	6.315	32.6371
108	108	843	SLU_ENV	Max	0.	30.0096	6.0423	36.3657
108	108	842	SLU_ENV	Min	0.	55.7173	11.0316	-0.4186
108	108	857	SLU_ENV	Min	0.	55.7505	11.1633	-0.2952
108	108	858	SLU_ENV	Min	0.	2.6218	-0.8493	-0.3676
108	108	843	SLU_ENV	Min	0.	8.1741	-1.5634	-0.4911
108	108	842	SLV_Ex		97.14	302.5262	62.2743	-1.9423
108	108	857	SLV_Ex		98.01	303.0306	62.1774	-1.1392
108	108	858	SLV_Ex		105.69	285.2203	57.7386	-1.5418
108	108	843	SLV_Ex		104.89	284.7028	57.848	-2.3449
109	109	843	SLU_ENV	Max	0.	30.4527	6.2669	35.1797
109	109	858	SLU_ENV	Max	0.	30.4057	10.5202	33.8013
109	109	859	SLU_ENV	Max	0.	-55.2785	-10.9756	24.3664
109	109	844	SLU_ENV	Max	0.	-55.3097	-11.0462	25.7448
109	109	843	SLU_ENV	Min	0.	-4.5903	-10.2496	-0.4964
109	109	858	SLU_ENV	Min	0.	10.2607	2.5196	-0.3608
109	109	859	SLU_ENV	Min	0.	-295.0573	-52.3586	-0.3326
109	109	844	SLU_ENV	Min	0.	-309.6619	-69.6345	-0.4682
109	109	843	SLV_Ex		100.69	286.787	58.4516	-2.5196
109	109	858	SLV_Ex		100.57	286.2848	57.7647	-1.3668
109	109	859	SLV_Ex		112.04	212.3039	41.6041	-1.0694
109	109	844	SLV_Ex		112.15	212.7935	42.3093	-2.2222
110	110	193	SLU_ENV	Max	0.	-10.4435	-54.8839	1.3981
110	110	192	SLU_ENV	Max	0.	-10.54	-55.1647	0.4745
110	110	219	SLU_ENV	Max	0.	-9.9283	-55.2821	0.5974
110	110	220	SLU_ENV	Max	0.	-9.1836	-54.9937	1.4769
110	110	193	SLU_ENV	Min	0.	-31.9177	-184.4361	-0.0989
110	110	192	SLU_ENV	Min	0.	-36.855	-208.6934	-2.7045
110	110	219	SLU_ENV	Min	0.	-33.0786	-202.9731	-2.6544
110	110	220	SLU_ENV	Min	0.	-28.7076	-178.8422	-0.0045
110	110	193	SLV_Ex		138.15	0.7211	32.214	0.1834
110	110	192	SLV_Ex		142.73	27.7338	160.4007	-2.0161
110	110	219	SLV_Ex		137.94	28.7796	163.5393	-3.3013
110	110	220	SLV_Ex		132.85	1.8066	35.3085	-1.1018
111	111	220	SLU_ENV	Max	0.	-9.0783	-54.8951	0.6943
111	111	219	SLU_ENV	Max	0.	-9.5822	-55.1936	1.3168
111	111	246	SLU_ENV	Max	0.	-7.8522	-55.8918	2.0493
111	111	247	SLU_ENV	Max	0.	-6.6174	-55.5874	1.1127
111	111	220	SLU_ENV	Min	0.	-26.9476	-179.1324	-0.7082
111	111	219	SLU_ENV	Min	0.	-32.3147	-202.275	-1.897
111	111	246	SLU_ENV	Min	0.	-28.5927	-199.7012	-1.5103
111	111	247	SLU_ENV	Min	0.	-23.9123	-176.635	-0.0073
111	111	220	SLV_Ex		136.78	-2.223	35.3666	-0.7546
111	111	219	SLV_Ex		133.01	24.1066	161.7407	-3.568
111	111	246	SLV_Ex		134.57	27.8074	166.2631	-4.5209
111	111	247	SLV_Ex		139.69	1.5855	39.7718	-1.7075
112	112	247	SLU_ENV	Max	0.	-5.7715	-55.417	0.2058
112	112	246	SLU_ENV	Max	0.	-6.776	-55.4942	3.2276
112	112	273	SLU_ENV	Max	0.	-4.7272	-57.0583	3.4156
112	112	274	SLU_ENV	Max	0.	-3.6814	-56.9765	0.616
112	112	247	SLU_ENV	Min	0.	-19.8336	-176.6012	-1.1657

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
112	112	246	SLU_ENV	Min	0.	-23.7986	-198.144	-0.63
112	112	273	SLU_ENV	Min	0.	-19.7789	-200.0587	-0.2198
112	112	274	SLU_ENV	Min	0.	-15.8608	-178.5348	-0.9777
112	112	247	SLV_Ex		140.21	-5.0827	40.0098	1.1871
112	112	246	SLV_Ex		141.64	13.8105	161.8921	-7.3374
112	112	273	SLV_Ex		152.53	25.2403	175.544	-2.2535
112	112	274	SLV_Ex		151.32	6.5329	53.4661	6.271
113	113	274	SLU_ENV	Max	0.	-2.0356	-56.5825	-0.1037
113	113	273	SLU_ENV	Max	0.	-2.4955	-56.2621	4.3462
113	113	300	SLU_ENV	Max	0.	-1.544	-58.7558	2.045
113	113	301	SLU_ENV	Max	0.	-1.0679	-59.0858	-0.0643
113	113	274	SLU_ENV	Min	0.	-7.9115	-177.8258	-1.9241
113	113	273	SLU_ENV	Min	0.	-8.8386	-197.4043	0.5039
113	113	300	SLU_ENV	Min	0.	-6.5425	-203.3487	0.5434
113	113	301	SLU_ENV	Min	0.	-5.6518	-183.7528	-4.2253
113	113	274	SLV_Ex		150.16	-10.4823	51.6461	9.2963
113	113	273	SLV_Ex		148.91	-4.6048	167.9919	-5.2135
113	113	300	SLV_Ex		167.86	21.2575	192.5197	10.8533
113	113	301	SLV_Ex		168.75	15.6786	75.8145	25.3631
114	114	579	SLU_ENV	Max	0.	-1.6115	-59.9699	-2.006
114	114	597	SLU_ENV	Max	0.	-2.1628	-58.4971	-4.5312
114	114	596	SLU_ENV	Max	0.	-3.4866	-55.7526	-3.8413
114	114	561	SLU_ENV	Max	0.	-2.962	-57.1867	-1.3161
114	114	579	SLU_ENV	Min	0.	-11.245	-316.7014	-3.5799
114	114	597	SLU_ENV	Min	0.	-15.5436	-350.9514	-21.7855
114	114	596	SLU_ENV	Min	0.	-22.3512	-330.4938	-23.905
114	114	561	SLU_ENV	Min	0.	-18.0514	-296.1759	-5.6995
114	114	579	SLV_Ex		195.84	20.2928	222.3405	-4.4477
114	114	597	SLV_Ex		199.26	24.3169	249.824	18.1486
114	114	596	SLV_Ex		139.02	5.426	218.9482	19.3521
114	114	561	SLV_Ex		127.67	1.36	191.4266	-3.2442
115	115	561	SLU_ENV	Max	0.	-4.9854	-56.9597	-1.8826
115	115	596	SLU_ENV	Max	0.	-6.5223	-56.9915	-3.2787
115	115	595	SLU_ENV	Max	0.	-8.5368	-55.7242	-2.0047
115	115	543	SLU_ENV	Max	0.	-7.0004	-55.68	-0.6086
115	115	561	SLU_ENV	Min	0.	-31.6535	-295.642	-9.0974
115	115	596	SLU_ENV	Min	0.	-45.5853	-338.3949	-20.5655
115	115	595	SLU_ENV	Min	0.	-54.5621	-326.3474	-15.9847
115	115	543	SLU_ENV	Min	0.	-40.4541	-283.7097	-4.5165
115	115	561	SLV_Ex		130.73	23.83	190.2877	4.8641
115	115	596	SLV_Ex		121.79	33.5036	230.1966	11.2674
115	115	595	SLV_Ex		95.01	31.4198	222.1097	9.8152
115	115	543	SLV_Ex		104.29	21.6671	182.1565	3.4119
116	116	543	SLU_ENV	Max	0.	-7.8984	-55.4341	-1.028
116	116	595	SLU_ENV	Max	0.	-9.0071	-56.2438	-1.5879
116	116	115	SLU_ENV	Max	0.	-10.1365	-55.8616	-0.8744
116	116	116	SLU_ENV	Max	0.	-9.0199	-55.056	-0.3145
116	116	543	SLU_ENV	Min	0.	-47.3924	-283.149	-6.3342
116	116	595	SLU_ENV	Min	0.	-59.266	-329.2366	-14.2165
116	116	115	SLU_ENV	Min	0.	-62.1476	-321.1585	-12.0827
116	116	116	SLU_ENV	Min	0.	-49.9754	-275.289	-4.2004
116	116	543	SLV_Ex		97.82	30.4599	178.6527	4.9107
116	116	595	SLV_Ex		107.28	42.3435	229.5567	8.3534
116	116	115	SLV_Ex		122.22	39.7354	225.2999	7.0247

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
116	116	116	SLV_Ex		113.09	27.7578	174.4123	3.5821
117	117	116	SLU_ENV	Max	0.	-9.503	-55.1173	-0.4232
117	117	115	SLU_ENV	Max	0.	-10.0937	-55.8883	-0.7667
117	117	2	SLU_ENV	Max	0.	-10.7226	-55.5545	-0.3624
117	117	3	SLU_ENV	Max	0.	-10.1255	-54.7941	-0.0128
117	117	116	SLU_ENV	Min	0.	-54.1254	-276.7551	-3.8403
117	117	115	SLU_ENV	Min	0.	-63.3913	-320.7711	-12.4883
117	117	2	SLU_ENV	Min	0.	-61.4782	-308.7418	-11.8837
117	117	3	SLU_ENV	Min	0.	-51.9343	-265.1307	-3.2419
117	117	116	SLV_Ex		117.97	31.4905	172.2998	4.1726
117	117	115	SLV_Ex		125.78	44.84	229.1798	6.4748
117	117	2	SLV_Ex		131.3	40.0391	225.1406	4.6006
117	117	3	SLV_Ex		123.97	26.6054	168.3267	2.2984
118	118	851	SLU_ENV	Max	0.	-55.2858	-10.9926	0.4207
118	118	866	SLU_ENV	Max	0.	-55.2862	-11.0182	0.2922
118	118	867	SLU_ENV	Max	0.	30.4454	9.3721	0.3066
118	118	852	SLU_ENV	Max	0.	30.514	6.3663	0.4351
118	118	851	SLU_ENV	Min	0.	-289.5224	-65.2005	-24.9878
118	118	866	SLU_ENV	Min	0.	-276.7435	-49.2067	-22.8374
118	118	867	SLU_ENV	Min	0.	11.7508	2.4997	-30.937
118	118	852	SLU_ENV	Min	0.	-1.259	-10.1505	-33.0874
118	118	851	SLV_Ex		137.87	-598.3338	-118.9947	0.7656
118	118	866	SLV_Ex		137.04	-597.8792	-118.8749	0.4494
118	118	867	SLV_Ex		138.03	-306.1713	-60.269	0.0923
118	118	852	SLV_Ex		138.85	-306.6222	-60.3908	0.4085
119	119	852	SLU_ENV	Max	0.	30.1302	6.3342	0.4252
119	119	867	SLU_ENV	Max	0.	30.164	6.0158	0.3157
119	119	868	SLU_ENV	Max	0.	232.2353	43.5076	0.2446
119	119	853	SLU_ENV	Max	0.	236.5733	43.4412	0.3541
119	119	852	SLU_ENV	Min	0.	8.9267	-2.161	-32.1722
119	119	867	SLU_ENV	Min	0.	4.4471	-1.6581	-31.8658
119	119	868	SLU_ENV	Min	0.	55.7542	11.112	-28.4522
119	119	853	SLU_ENV	Min	0.	55.7573	11.1685	-28.7586
119	119	852	SLV_Ex		128.49	-307.8	-60.5536	0.4167
119	119	867	SLV_Ex		129.55	-307.0918	-60.5259	0.081
119	119	868	SLV_Ex		130.62	-90.9865	-17.0149	-0.4419
119	119	853	SLV_Ex		129.67	-91.6733	-17.0583	-0.1062
120	120	853	SLU_ENV	Max	0.	243.0146	49.0022	0.3282
120	120	868	SLU_ENV	Max	0.	225.4853	37.885	0.2715
120	120	869	SLU_ENV	Max	0.	373.6673	67.7635	0.1611
120	120	854	SLU_ENV	Max	0.	391.1442	78.9872	0.2178
120	120	853	SLU_ENV	Min	0.	55.7248	11.1671	-28.4847
120	120	868	SLU_ENV	Min	0.	55.7154	11.0991	-28.7403
120	120	869	SLU_ENV	Min	0.	81.7125	16.2688	-17.0643
120	120	854	SLU_ENV	Min	0.	81.7214	16.3372	-16.8088
120	120	853	SLV_Ex		121.15	-92.5539	-17.2293	-0.0947
120	120	868	SLV_Ex		119.19	-92.2179	-17.2664	-0.4496
120	120	869	SLV_Ex		120.24	77.0822	16.9116	-0.7112
120	120	854	SLV_Ex		122.08	76.743	16.9515	-0.3562
121	121	854	SLU_ENV	Max	0.	395.2433	82.1523	0.1891
121	121	869	SLU_ENV	Max	0.	369.5917	64.603	0.1888
121	121	870	SLU_ENV	Max	0.	398.4529	69.3522	0.4675
121	121	855	SLU_ENV	Max	0.	424.1008	86.9281	9.204E-05
121	121	854	SLU_ENV	Min	0.	81.6973	16.3349	-17.4087

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
121	121	869	SLU_ENV	Min	0.	81.7006	16.2639	-16.4816
121	121	870	SLU_ENV	Min	0.	90.3645	17.98	-2.061E-04
121	121	855	SLU_ENV	Min	0.	90.3616	18.0508	-0.4596
121	121	854	SLV_Ex		110.56	75.7238	16.7877	-0.3892
121	121	869	SLV_Ex		112.19	76.2167	16.6984	-0.6799
121	121	870	SLV_Ex		113.98	198.6758	41.4617	-1.0637
121	121	855	SLV_Ex		112.55	198.1902	41.5461	-0.773
122	122	855	SLU_ENV	Max	0.	424.0998	86.9279	0.4609
122	122	870	SLU_ENV	Max	0.	398.4533	69.3522	3.297E-04
122	122	871	SLU_ENV	Max	0.	369.5862	64.6022	16.4819
122	122	856	SLU_ENV	Max	0.	395.2363	82.1514	17.4093
122	122	855	SLU_ENV	Min	0.	90.3614	18.0508	1.716E-04
122	122	870	SLU_ENV	Min	0.	90.3646	17.98	-0.4665
122	122	871	SLU_ENV	Min	0.	81.6992	16.2636	-0.1893
122	122	856	SLU_ENV	Min	0.	81.6957	16.3347	-0.1894
122	122	855	SLV_Ex		105.01	197.7903	41.4868	-0.8687
122	122	870	SLV_Ex		102.88	197.8486	41.2756	-0.9663
122	122	871	SLV_Ex		105.81	273.5045	56.4808	-1.0441
122	122	856	SLV_Ex		107.73	273.4424	56.6956	-0.9466
123	123	856	SLU_ENV	Max	0.	391.1383	78.9863	16.8092
123	123	871	SLU_ENV	Max	0.	373.6607	67.7625	17.0649
123	123	872	SLU_ENV	Max	0.	225.4725	37.8824	28.7411
123	123	857	SLU_ENV	Max	0.	243.0027	48.9996	28.4854
123	123	856	SLU_ENV	Min	0.	81.7199	16.3369	-0.2183
123	123	871	SLU_ENV	Min	0.	81.7109	16.2685	-0.1613
123	123	872	SLU_ENV	Min	0.	55.7123	11.0984	-0.2712
123	123	857	SLU_ENV	Min	0.	55.7219	11.1664	-0.3282
123	123	856	SLV_Ex		98.55	273.4125	56.7333	-1.1515
123	123	871	SLV_Ex		99.52	273.4496	56.4261	-0.8397
123	123	872	SLV_Ex		104.36	302.3028	61.8441	-0.9148
123	123	857	SLV_Ex		103.46	302.2645	62.1529	-1.2266
124	124	857	SLU_ENV	Max	0.	236.56	43.4385	28.7595
124	124	872	SLU_ENV	Max	0.	232.2233	43.5051	28.4527
124	124	873	SLU_ENV	Max	0.	30.1491	6.013	31.8655
124	124	858	SLU_ENV	Max	0.	30.1148	6.3316	32.1723
124	124	857	SLU_ENV	Min	0.	55.7542	11.1679	-0.3537
124	124	872	SLU_ENV	Min	0.	55.7513	11.1113	-0.2447
124	124	873	SLU_ENV	Min	0.	4.4397	-1.6591	-0.3161
124	124	858	SLU_ENV	Min	0.	8.9182	-2.1622	-0.4252
124	124	857	SLV_Ex		98.4	303.1776	62.3484	-1.4635
124	124	872	SLV_Ex		97.39	302.7814	61.927	-0.6779
124	124	873	SLV_Ex		105.05	284.7451	57.468	-0.4428
124	124	858	SLV_Ex		105.96	285.1382	57.8922	-1.2285
125	125	858	SLU_ENV	Max	0.	30.499	6.3637	33.0871
125	125	873	SLU_ENV	Max	0.	30.43	9.3692	30.9373
125	125	874	SLU_ENV	Max	0.	-55.2925	-11.0195	22.8373
125	125	859	SLU_ENV	Max	0.	-55.2919	-10.9939	24.9871
125	125	858	SLU_ENV	Min	0.	-1.2671	-10.1518	-0.4356
125	125	873	SLU_ENV	Min	0.	11.7432	2.4988	-0.3066
125	125	874	SLU_ENV	Min	0.	-276.769	-49.212	-0.2918
125	125	859	SLU_ENV	Min	0.	-289.5481	-65.2061	-0.4208
125	125	858	SLV_Ex		100.86	286.5497	58.2024	-1.3625
125	125	873	SLV_Ex		101.18	286.1604	57.7231	-0.3083
125	125	874	SLV_Ex		111.94	211.8446	41.6198	-0.0671

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
125	125	859	SLV_Ex		111.64	212.2269	42.1067	-1.1214
126	126	3	SLU_ENV	Max	0.	-10.4326	-54.9431	-0.1356
126	126	2	SLU_ENV	Max	0.	-10.6962	-55.4616	-0.2457
126	126	30	SLU_ENV	Max	0.	-10.9392	-55.3608	0.0801
126	126	31	SLU_ENV	Max	0.	-10.6718	-54.8496	0.1118
126	126	3	SLU_ENV	Min	0.	-55.6546	-267.5078	-3.2402
126	126	2	SLU_ENV	Min	0.	-63.393	-307.4917	-11.9119
126	126	30	SLU_ENV	Min	0.	-58.6633	-294.8605	-12.141
126	126	31	SLU_ENV	Min	0.	-50.6383	-255.2966	-3.391
126	126	3	SLV_Ex		125.43	29.3204	167.2365	2.274
126	126	2	SLV_Ex		133.31	43.0624	227.3785	4.6642
126	126	30	SLV_Ex		137.34	40.887	223.7562	3.0414
126	126	31	SLV_Ex		129.67	27.0899	163.6684	0.6513
127	127	31	SLU_ENV	Max	0.	-10.8242	-54.9622	0.0477
127	127	30	SLU_ENV	Max	0.	-10.9406	-55.2789	0.1306
127	127	57	SLU_ENV	Max	0.	-11.0179	-55.2335	0.2569
127	127	58	SLU_ENV	Max	0.	-10.8991	-54.9214	0.1739
127	127	31	SLU_ENV	Min	0.	-54.0644	-257.621	-3.1787
127	127	30	SLU_ENV	Min	0.	-60.6473	-293.6182	-12.3703
127	127	57	SLU_ENV	Min	0.	-54.785	-280.2316	-12.8193
127	127	58	SLU_ENV	Min	0.	-47.8989	-244.6725	-3.6277
127	127	31	SLV_Ex		129.92	29.3149	163.4517	1.0575
127	127	30	SLV_Ex		137.3	42.7529	224.7911	2.6785
127	127	57	SLV_Ex		137.59	41.7381	222.4177	1.5585
127	127	58	SLV_Ex		130.23	28.256	161.131	-0.0625
128	128	58	SLU_ENV	Max	0.	-10.9772	-54.9831	0.1283
128	128	57	SLU_ENV	Max	0.	-11.0313	-55.1901	0.2905
128	128	84	SLU_ENV	Max	0.	-11.0451	-55.1933	0.307
128	128	85	SLU_ENV	Max	0.	-10.9906	-54.9874	0.1448
128	128	58	SLU_ENV	Min	0.	-50.9924	-246.7567	-3.6372
128	128	57	SLU_ENV	Min	0.	-57.3599	-279.281	-12.8189
128	128	84	SLU_ENV	Min	0.	-51.305	-265.9272	-12.7667
128	128	85	SLU_ENV	Min	0.	-44.6478	-233.8179	-3.5849
128	128	58	SLV_Ex		130.11	29.7377	161.2268	0.2226
128	128	57	SLV_Ex		137.53	42.7914	222.8289	1.3128
128	128	84	SLV_Ex		138.42	42.2407	221.2674	0.6088
128	128	85	SLV_Ex		131.04	29.1706	159.6865	-0.4814
129	129	85	SLU_ENV	Max	0.	-11.0143	-55.0029	0.1683
129	129	84	SLU_ENV	Max	0.	-11.0578	-55.185	0.2694
129	129	111	SLU_ENV	Max	0.	-11.0371	-55.1796	0.2772
129	129	112	SLU_ENV	Max	0.	-10.9935	-54.9977	0.1762
129	129	85	SLU_ENV	Min	0.	-47.5848	-235.6127	-3.8624
129	129	84	SLU_ENV	Min	0.	-53.7472	-265.2083	-12.4943
129	129	111	SLU_ENV	Min	0.	-47.9924	-252.574	-12.0987
129	129	112	SLU_ENV	Min	0.	-41.5527	-223.3715	-3.4669
129	129	85	SLV_Ex		130.91	29.9787	159.8258	-0.1696
129	129	84	SLV_Ex		138.37	42.8255	221.4068	0.3406
129	129	111	SLV_Ex		137.92	42.4911	220.659	-0.1738
129	129	112	SLV_Ex		130.44	29.6349	159.091	-0.684
130	130	112	SLU_ENV	Max	0.	-10.9653	-54.9683	0.1273
130	130	111	SLU_ENV	Max	0.	-11.0447	-55.2049	0.3142
130	130	164	SLU_ENV	Max	0.	-10.9789	-55.2397	0.3812
130	130	165	SLU_ENV	Max	0.	-10.901	-55.0001	0.1942
130	130	112	SLU_ENV	Min	0.	-44.0365	-224.8155	-3.8557

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
130	130	111	SLU_ENV	Min	0.	-50.1373	-252.0558	-11.7103
130	130	164	SLU_ENV	Min	0.	-44.896	-240.6451	-10.9976
130	130	165	SLU_ENV	Min	0.	-38.5519	-213.7468	-3.1431
130	130	112	SLV_Ex		130.63	29.8711	159.1765	-0.4934
130	130	111	SLV_Ex		137.7	42.7181	220.6662	-0.3248
130	130	164	SLV_Ex		137.97	42.4622	220.4043	-0.8414
130	130	165	SLV_Ex		130.9	29.6312	158.8942	-1.01
131	131	165	SLU_ENV	Max	0.	-10.8132	-54.9206	0.1524
131	131	164	SLU_ENV	Max	0.	-10.9962	-55.3051	0.4096
131	131	191	SLU_ENV	Max	0.	-10.8135	-55.3596	0.7004
131	131	192	SLU_ENV	Max	0.	-10.6331	-54.9698	0.4431
131	131	165	SLU_ENV	Min	0.	-40.4436	-214.7893	-3.694
131	131	164	SLU_ENV	Min	0.	-46.775	-240.3568	-10.4438
131	131	191	SLU_ENV	Min	0.	-42.0631	-230.5912	-9.3913
131	131	192	SLU_ENV	Min	0.	-35.5231	-205.3128	-2.6414
131	131	165	SLV_Ex		130.6	29.1624	158.9567	-0.7338
131	131	164	SLV_Ex		138.35	42.3993	220.2355	-1.0734
131	131	191	SLV_Ex		135.42	42.1554	220.6485	-1.9837
131	131	192	SLV_Ex		127.47	28.9386	159.347	-1.6441
132	132	192	SLU_ENV	Max	0.	-10.409	-54.8343	0.132
132	132	191	SLU_ENV	Max	0.	-10.8402	-55.4557	1.0004
132	132	218	SLU_ENV	Max	0.	-10.3812	-55.7245	1.8083
132	132	219	SLU_ENV	Max	0.	-9.1103	-55.0933	0.9399
132	132	192	SLU_ENV	Min	0.	-36.6081	-205.8938	-3.3683
132	132	191	SLU_ENV	Min	0.	-43.5244	-230.5195	-8.6579
132	132	218	SLU_ENV	Min	0.	-39.0169	-223.3095	-7.2653
132	132	219	SLU_ENV	Min	0.	-32.7943	-198.8902	-1.9757
132	132	192	SLV_Ex		127.11	27.9906	159.7194	-1.8201
132	132	191	SLV_Ex		133.8	41.8852	220.0325	-1.7674
132	132	218	SLV_Ex		129.72	41.4369	219.8996	-3.4439
132	132	219	SLV_Ex		122.68	27.5872	159.543	-3.4967
133	133	219	SLU_ENV	Max	0.	-9.5438	-54.9853	0.6727
133	133	218	SLU_ENV	Max	0.	-10.4663	-55.7672	2.0605
133	133	245	SLU_ENV	Max	0.	-9.3555	-56.154	4.0838
133	133	246	SLU_ENV	Max	0.	-6.6852	-55.3641	2.6959
133	133	219	SLU_ENV	Min	0.	-32.0425	-199.2532	-2.69
133	133	218	SLU_ENV	Min	0.	-40.373	-223.2364	-6.5439
133	133	245	SLU_ENV	Min	0.	-34.9337	-218.2073	-4.5593
133	133	246	SLU_ENV	Min	0.	-28.2528	-194.371	-0.7054
133	133	219	SLV_Ex		117.65	25.7133	161.038	-3.0299
133	133	218	SLV_Ex		127.53	39.2583	217.5941	-3.8655
133	133	245	SLV_Ex		111.83	38.7045	218.599	-5.9076
133	133	246	SLV_Ex		100.93	25.2134	162.0293	-5.0719
134	134	866	SLU_ENV	Max	0.	-55.2278	-10.9528	0.376
134	134	881	SLU_ENV	Max	0.	-55.2717	-11.1128	0.4429
134	134	882	SLU_ENV	Max	0.	30.5647	7.3245	0.4548
134	134	867	SLU_ENV	Max	0.	30.2963	6.1197	0.388
134	134	866	SLU_ENV	Min	0.	-271.121	-60.6703	-23.076
134	134	881	SLU_ENV	Min	0.	-259.5077	-47.2973	-20.4946
134	134	882	SLU_ENV	Min	0.	12.3602	2.3206	-28.0352
134	134	867	SLU_ENV	Min	0.	0.9114	-9.3885	-30.6166
134	134	866	SLV_Ex		137.16	-597.8395	-118.8921	0.608
134	134	881	SLV_Ex		138.86	-597.3702	-119.46	0.3074
134	134	882	SLV_Ex		139.96	-305.7733	-60.8873	-0.1706

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
134	134	867	SLV_Ex		138.34	-306.2275	-60.3344	0.13
135	135	867	SLU_ENV	Max	0.	30.2462	6.2808	0.334
135	135	882	SLU_ENV	Max	0.	30.0378	5.2911	0.5102
135	135	883	SLU_ENV	Max	0.	222.0717	36.5927	0.5165
135	135	868	SLU_ENV	Max	0.	224.476	39.0043	0.3403
135	135	867	SLU_ENV	Min	0.	11.5167	-0.5265	-30.7892
135	135	882	SLU_ENV	Min	0.	9.1336	-3.3087	-27.8715
135	135	883	SLU_ENV	Min	0.	55.6747	9.5143	-26.5491
135	135	868	SLU_ENV	Min	0.	55.7356	11.0882	-29.4668
135	135	867	SLV_Ex		129.86	-307.1094	-60.5314	0.0506
135	135	882	SLV_Ex		129.27	-306.8196	-61.076	-0.0858
135	135	883	SLV_Ex		130.15	-90.7062	-17.7998	-0.3961
135	135	868	SLV_Ex		130.74	-91.0153	-17.2411	-0.2597
136	136	868	SLU_ENV	Max	0.	236.5965	50.2358	0.3466
136	136	883	SLU_ENV	Max	0.	215.2889	36.5359	0.5088
136	136	884	SLU_ENV	Max	0.	344.8513	55.2578	0.3177
136	136	869	SLU_ENV	Max	0.	366.2087	73.6755	0.1555
136	136	868	SLU_ENV	Min	0.	55.7182	11.1041	-29.1226
136	136	883	SLU_ENV	Min	0.	55.7105	-0.6051	-26.9149
136	136	884	SLU_ENV	Min	0.	81.6924	9.0563	-14.4139
136	136	869	SLU_ENV	Min	0.	81.6994	16.2129	-16.6216
136	136	868	SLV_Ex		119.23	-92.2526	-17.4809	-0.2172
136	136	883	SLV_Ex		123.15	-91.5588	-17.978	-0.4413
136	136	884	SLV_Ex		124.09	77.6998	16.0484	-1.0439
136	136	869	SLV_Ex		120.42	77.0015	16.549	-0.8199
137	137	869	SLU_ENV	Max	0.	370.3112	77.8122	0.2235
137	137	884	SLU_ENV	Max	0.	343.3857	55.2387	0.2494
137	137	885	SLU_ENV	Max	0.	376.4823	61.5101	0.2627
137	137	870	SLU_ENV	Max	0.	403.2764	83.8578	-0.0087
137	137	869	SLU_ENV	Min	0.	81.6912	16.2152	-15.7799
137	137	884	SLU_ENV	Min	0.	81.6952	5.4626	-15.2798
137	137	885	SLU_ENV	Min	0.	90.3581	6.9316	0.0089
137	137	870	SLU_ENV	Min	0.	90.3533	17.9254	-0.2458
137	137	869	SLV_Ex		112.35	76.2042	16.38	-0.7375
137	137	884	SLV_Ex		111.28	76.3167	15.7813	-1.1248
137	137	885	SLV_Ex		113.2	198.7084	40.6253	-1.3076
137	137	870	SLV_Ex		114.03	198.5797	41.2368	-0.9203
138	138	870	SLU_ENV	Max	0.	403.2768	83.8579	0.246
138	138	885	SLU_ENV	Max	0.	376.4819	61.51	-0.0089
138	138	886	SLU_ENV	Max	0.	343.3793	55.2376	15.2806
138	138	871	SLU_ENV	Max	0.	370.3057	77.811	15.7807
138	138	870	SLU_ENV	Min	0.	90.3534	17.9254	0.0086
138	138	885	SLU_ENV	Min	0.	90.358	6.9316	-0.2624
138	138	886	SLU_ENV	Min	0.	81.6937	5.4622	-0.2493
138	138	871	SLU_ENV	Min	0.	81.6898	16.2149	-0.2234
138	138	870	SLV_Ex		102.95	197.8837	41.1266	-1.0022
138	138	885	SLV_Ex		105.24	197.6689	40.3884	-1.2281
138	138	886	SLV_Ex		107.4	273.2236	55.7134	-1.1788
138	138	871	SLV_Ex		105.3	273.4346	56.4553	-0.9529
139	139	871	SLU_ENV	Max	0.	366.202	73.6741	16.6226
139	139	886	SLU_ENV	Max	0.	344.8456	55.2567	14.4146
139	139	887	SLU_ENV	Max	0.	215.2773	36.534	26.915
139	139	872	SLU_ENV	Max	0.	236.5838	50.2338	29.123
139	139	871	SLU_ENV	Min	0.	81.6978	16.2126	-0.1553

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
139	139	886	SLU_ENV	Min	0.	81.6909	9.0559	-0.3177
139	139	887	SLU_ENV	Min	0.	55.7076	-0.6057	-0.5091
139	139	872	SLU_ENV	Min	0.	55.7152	11.1035	-0.3467
139	139	871	SLV_Ex		99.03	273.4977	56.4643	-1.1352
139	139	886	SLV_Ex		96.89	272.614	55.5951	-0.9971
139	139	887	SLV_Ex		102.1	301.4253	61.1939	-0.4602
139	139	872	SLV_Ex		104.01	302.3065	62.0652	-0.5983
140	140	872	SLU_ENV	Max	0.	224.4641	39.0022	29.4669
140	140	887	SLU_ENV	Max	0.	222.0595	36.5908	26.5496
140	140	888	SLU_ENV	Max	0.	30.0222	5.2878	27.872
140	140	873	SLU_ENV	Max	0.	30.2312	6.2776	30.7893
140	140	872	SLU_ENV	Min	0.	55.7326	11.0876	-0.3407
140	140	887	SLU_ENV	Min	0.	55.6716	9.5138	-0.5166
140	140	888	SLU_ENV	Min	0.	9.1263	-3.31	-0.5099
140	140	873	SLU_ENV	Min	0.	11.5093	-0.5281	-0.334
140	140	872	SLV_Ex		97.08	302.7837	62.1092	-0.8323
140	140	887	SLV_Ex		97.11	301.9308	61.3465	-0.2277
140	140	888	SLV_Ex		104.38	284.0043	57.1108	0.3042
140	140	873	SLV_Ex		104.26	284.8596	57.8697	-0.3004
141	141	873	SLU_ENV	Max	0.	30.2809	6.1165	30.617
141	141	888	SLU_ENV	Max	0.	30.5471	7.3209	28.0353
141	141	889	SLU_ENV	Max	0.	-55.2779	-11.114	20.4939
141	141	874	SLU_ENV	Max	0.	-55.234	-10.954	23.0757
141	141	873	SLU_ENV	Min	0.	0.9035	-9.3902	-0.3877
141	141	888	SLU_ENV	Min	0.	12.3557	2.3196	-0.4549
141	141	889	SLU_ENV	Min	0.	-259.5319	-47.3015	-0.4431
141	141	874	SLU_ENV	Min	0.	-271.1463	-60.6749	-0.3759
141	141	873	SLV_Ex		100.42	286.0407	57.8831	-0.4599
141	141	888	SLV_Ex		99.57	285.393	57.6113	0.4622
141	141	889	SLV_Ex		111.22	211.4188	41.7467	0.9606
141	141	874	SLV_Ex		111.96	212.0734	42.0051	0.0385
142	142	246	SLU_ENV	Max	0.	-6.7631	-55.5505	1.312
142	142	245	SLU_ENV	Max	0.	-9.049	-55.7238	5.4483
142	142	272	SLU_ENV	Max	0.	-6.9094	-56.9377	9.4777
142	142	273	SLU_ENV	Max	0.	-3.4101	-56.7747	5.3415
142	142	246	SLU_ENV	Min	0.	-25.0138	-195.3299	-1.8075
142	142	245	SLU_ENV	Min	0.	-34.4121	-216.6943	-3.4491
142	142	272	SLU_ENV	Min	0.	-26.6057	-216.7193	-0.674
142	142	273	SLU_ENV	Min	0.	-18.3684	-195.4729	0.9675
142	142	246	SLV_Ex		107.79	18.6418	165.7282	-3.6411
142	142	245	SLV_Ex		98.53	30.4422	211.9333	-7.294
142	142	272	SLV_Ex		122.02	31.9793	217.0414	-9.631
142	142	273	SLV_Ex		131.31	20.2458	170.8922	-5.9782
143	143	273	SLU_ENV	Max	0.	-2.569	-57.1306	2.8752
143	143	272	SLU_ENV	Max	0.	-3.9834	-55.5957	11.9219
143	143	299	SLU_ENV	Max	0.	-2.2376	-58.4802	12.5807
143	143	300	SLU_ENV	Max	0.	-0.5458	-60.058	3.534
143	143	273	SLU_ENV	Min	0.	-11.4091	-196.7681	-0.4145
143	143	272	SLU_ENV	Min	0.	-15.4732	-212.0386	0.7181
143	143	299	SLU_ENV	Min	0.	-9.5232	-220.9832	2.5993
143	143	300	SLU_ENV	Min	0.	-5.6956	-205.8092	1.4666
143	143	273	SLV_Ex		127.05	0.4485	173.2835	2.1608
143	143	272	SLV_Ex		143.95	5.4972	205.3943	-17.7427
143	143	299	SLV_Ex		211.57	24.4201	235.4326	-16.472

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
143	143	300	SLV_Ex		205.5	19.4316	203.3651	3.4315
144	144	597	SLU_ENV	Max	0.	0.9704	-60.2234	-5.1842
144	144	991	SLU_ENV	Max	0.	-0.8109	-55.1707	-6.9427
144	144	990	SLU_ENV	Max	0.	-8.7481	-54.692	-4.9501
144	144	596	SLU_ENV	Max	0.	-7.3547	-59.6491	-3.1916
144	144	597	SLU_ENV	Min	0.	-1.1367	-369.0255	-26.2939
144	144	991	SLU_ENV	Min	0.	-12.0714	-384.4813	-39.9791
144	144	990	SLU_ENV	Min	0.	-58.4001	-377.54	-33.1161
144	144	596	SLU_ENV	Min	0.	-46.9824	-361.5927	-19.4309
144	144	597	SLV_Ex		321.97	3.9443	227.0826	21.4824
144	144	991	SLV_Ex		303.01	-5.9056	144.3799	6.3652
144	144	990	SLV_Ex		185.86	17.2766	167.5711	0.98
144	144	596	SLV_Ex		126.56	27.3565	249.4792	16.0973
145	145	596	SLU_ENV	Max	0.	-5.6471	-56.1236	-3.6205
145	145	990	SLU_ENV	Max	0.	-8.3207	-57.7905	-4.5334
145	145	796	SLU_ENV	Max	0.	-11.9361	-57.4121	-2.5747
145	145	595	SLU_ENV	Max	0.	-9.2436	-55.7502	-1.6618
145	145	596	SLU_ENV	Min	0.	-42.8763	-342.1054	-21.4509
145	145	990	SLU_ENV	Min	0.	-61.2553	-396.7771	-31.2198
145	145	796	SLU_ENV	Min	0.	-78.18	-388.2905	-24.8599
145	145	595	SLU_ENV	Min	0.	-59.512	-333.8414	-15.091
145	145	596	SLV_Ex		89.48	23.4355	225.8676	11.0913
145	145	990	SLV_Ex		134.32	17.6763	190.4785	6.0346
145	145	796	SLV_Ex		174.05	37.6207	200.6313	4.9578
145	145	595	SLV_Ex		90.89	43.3625	235.8112	10.0145
146	146	595	SLU_ENV	Max	0.	-8.9599	-55.4033	-1.7607
146	146	796	SLU_ENV	Max	0.	-10.7737	-57.4697	-2.479
146	146	795	SLU_ENV	Max	0.	-11.6413	-56.854	-1.4182
146	146	115	SLU_ENV	Max	0.	-9.805	-54.8091	-0.6998
146	146	595	SLU_ENV	Min	0.	-61.6432	-333.4789	-13.9963
146	146	796	SLU_ENV	Min	0.	-74.6113	-388.3651	-26.0264
146	146	795	SLU_ENV	Min	0.	-73.9416	-374.988	-24.3048
146	146	115	SLU_ENV	Min	0.	-60.4876	-320.5024	-12.2748
146	146	595	SLV_Ex		104.08	38.5603	226.8028	8.2849
146	146	796	SLV_Ex		128.3	36.4448	208.4441	6.6994
146	146	795	SLV_Ex		132.64	41.7725	211.2139	5.5133
146	146	115	SLV_Ex		109.37	43.8223	229.5721	7.0988
147	147	115	SLU_ENV	Max	0.	-10.1531	-55.167	-0.9003
147	147	795	SLU_ENV	Max	0.	-11.1395	-56.4653	-1.2166
147	147	814	SLU_ENV	Max	0.	-11.3625	-56.083	-0.545
147	147	2	SLU_ENV	Max	0.	-10.3684	-54.8015	-0.2287
147	147	115	SLU_ENV	Min	0.	-66.2879	-324.5363	-12.2947
147	147	795	SLU_ENV	Min	0.	-75.8821	-372.5027	-24.3207
147	147	814	SLU_ENV	Min	0.	-69.0554	-354.9492	-24.0833
147	147	2	SLU_ENV	Min	0.	-59.0939	-307.5374	-12.0573
147	147	115	SLV_Ex		113.1	42.0161	226.1263	6.1899
147	147	795	SLV_Ex		126.69	41.	214.144	6.4195
147	147	814	SLV_Ex		133.31	41.4814	213.9012	5.1146
147	147	2	SLV_Ex		120.31	42.4119	225.938	4.885
148	148	2	SLU_ENV	Max	0.	-10.7694	-55.1175	-0.3097
148	148	814	SLU_ENV	Max	0.	-11.2084	-55.8165	-0.4635
148	148	829	SLU_ENV	Max	0.	-11.1493	-55.5965	0.1233
148	148	30	SLU_ENV	Max	0.	-10.7063	-54.9069	0.2071
148	148	2	SLU_ENV	Min	0.	-66.0996	-311.6251	-11.54

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
148	148	814	SLU_ENV	Min	0.	-73.2724	-353.1061	-24.6427
148	148	829	SLU_ENV	Min	0.	-63.9487	-333.5994	-25.719
148	148	30	SLU_ENV	Min	0.	-56.3571	-292.7294	-12.5462
148	148	2	SLV_Ex		122.39	41.4611	223.6642	4.6735
148	148	814	SLV_Ex		131.21	41.6885	216.0262	5.3193
148	148	829	SLV_Ex		133.42	41.8678	215.1676	3.6747
148	148	30	SLV_Ex		124.61	41.5692	222.875	3.0289
149	149	30	SLU_ENV	Max	0.	-10.9835	-55.0993	0.0889
149	149	829	SLU_ENV	Max	0.	-11.1691	-55.4634	0.2302
149	149	844	SLU_ENV	Max	0.	-11.0854	-55.3964	0.4373
149	149	57	SLU_ENV	Max	0.	-10.8993	-55.035	0.2961
149	149	30	SLU_ENV	Min	0.	-62.7382	-296.2224	-12.5766
149	149	829	SLU_ENV	Min	0.	-69.8267	-332.5582	-25.7029
149	149	844	SLU_ENV	Min	0.	-60.1633	-313.1963	-25.712
149	149	57	SLU_ENV	Min	0.	-52.6596	-277.4551	-12.5856
149	149	30	SLV_Ex		124.58	41.9966	222.1415	2.8685
149	149	829	SLV_Ex		133.58	42.3999	216.093	3.8252
149	149	844	SLV_Ex		134.93	42.093	214.7407	2.3259
149	149	57	SLV_Ex		126.09	41.6485	220.837	1.3692
150	150	881	SLU_ENV	Max	0.	-55.1306	-10.8314	0.452
150	150	896	SLU_ENV	Max	0.	-55.275	-11.2476	1.2991
150	150	897	SLU_ENV	Max	0.	30.1194	3.9453	1.4553
150	150	882	SLU_ENV	Max	0.	29.8491	5.4337	0.6082
150	150	881	SLU_ENV	Min	0.	-253.831	-56.0639	-20.9401
150	150	896	SLU_ENV	Min	0.	-244.0972	-45.7123	-16.5751
150	150	897	SLU_ENV	Min	0.	12.1251	0.8723	-23.1511
150	150	882	SLU_ENV	Min	0.	2.6643	-10.2721	-27.5161
150	150	881	SLV_Ex		139.86	-597.2719	-118.3042	0.1458
150	150	896	SLV_Ex		140.16	-597.6253	-119.8034	0.6126
150	150	897	SLV_Ex		140.53	-305.9155	-62.1526	0.6446
150	150	882	SLV_Ex		140.22	-305.5889	-60.6299	0.1778
151	151	882	SLU_ENV	Max	0.	33.6781	5.7579	0.6571
151	151	897	SLU_ENV	Max	0.	30.0318	3.8126	1.4054
151	151	898	SLU_ENV	Max	0.	210.9307	34.4502	1.2334
151	151	883	SLU_ENV	Max	0.	214.4855	36.3999	0.4852
151	151	882	SLU_ENV	Min	0.	12.4172	-2.1915	-28.3087
151	151	897	SLU_ENV	Min	0.	12.3659	-4.6528	-22.3726
151	151	898	SLU_ENV	Min	0.	55.599	2.0642	-20.1135
151	151	883	SLU_ENV	Min	0.	55.6484	4.6804	-26.0496
151	151	882	SLV_Ex		129.49	-306.9303	-61.0078	0.2573
151	151	897	SLV_Ex		136.3	-306.0473	-62.0694	0.5627
151	151	898	SLV_Ex		137.43	-89.7504	-19.2384	-0.2757
151	151	883	SLV_Ex		130.82	-90.6546	-18.1635	-0.581
152	152	883	SLU_ENV	Max	0.	226.1612	36.7223	0.604
152	152	898	SLU_ENV	Max	0.	210.7653	34.4786	1.1144
152	152	899	SLU_ENV	Max	0.	321.9439	52.816	0.8003
152	152	884	SLU_ENV	Max	0.	337.2933	54.7696	0.29
152	152	883	SLU_ENV	Min	0.	55.6974	10.777	-25.4806
152	152	898	SLU_ENV	Min	0.	55.7044	-2.0503	-20.6968
152	152	899	SLU_ENV	Min	0.	81.6817	1.1563	-11.0316
152	152	884	SLU_ENV	Min	0.	81.6712	14.3757	-15.8155
152	152	883	SLV_Ex		123.71	-91.6681	-18.4801	-0.3502
152	152	898	SLV_Ex		125.18	-90.9902	-19.3725	-0.5036
152	152	899	SLV_Ex		126.84	78.318	14.5689	-1.1705

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
152	152	884	SLV_Ex		125.34	77.5975	15.4929	-1.0171
153	153	884	SLU_ENV	Max	0.	343.6742	56.9299	0.4145
153	153	899	SLU_ENV	Max	0.	322.3688	52.8674	0.6731
153	153	900	SLU_ENV	Max	0.	359.6732	58.8858	0.8829
153	153	885	SLU_ENV	Max	0.	380.9545	62.4786	-0.0396
153	153	884	SLU_ENV	Min	0.	81.661	15.7733	-14.2185
153	153	899	SLU_ENV	Min	0.	81.7533	-1.0796	-12.6433
153	153	900	SLU_ENV	Min	0.	90.4163	0.054	0.04
153	153	885	SLU_ENV	Min	0.	90.3226	17.416	-0.8714
153	153	884	SLV_Ex		112.61	76.2824	15.2393	-0.9237
153	153	899	SLV_Ex		119.94	76.7238	14.2406	-1.2669
153	153	900	SLV_Ex		119.74	198.9831	39.0042	-1.7643
153	153	885	SLV_Ex		112.76	198.5142	40.025	-1.4211
154	154	885	SLU_ENV	Max	0.	380.9541	62.4786	0.8723
154	154	900	SLU_ENV	Max	0.	359.6735	58.8858	-0.04
154	154	901	SLU_ENV	Max	0.	322.3633	52.8664	12.6436
154	154	886	SLU_ENV	Max	0.	343.6679	56.929	14.219
154	154	885	SLU_ENV	Min	0.	90.3226	17.416	0.0396
154	154	900	SLU_ENV	Min	0.	90.4164	0.0541	-0.8822
154	154	901	SLU_ENV	Min	0.	81.7519	-1.0799	-0.6734
154	154	886	SLU_ENV	Min	0.	81.6594	15.773	-0.4147
154	154	885	SLV_Ex		104.83	197.6952	39.9049	-1.3165
154	154	900	SLV_Ex		103.96	197.0499	38.5738	-1.8707
154	154	901	SLV_Ex		106.89	272.4462	54.217	-1.5923
154	154	886	SLV_Ex		107.28	273.071	55.5655	-1.038
155	155	886	SLU_ENV	Max	0.	337.2876	54.7687	15.8159
155	155	901	SLU_ENV	Max	0.	321.9378	52.815	11.0321
155	155	902	SLU_ENV	Max	0.	210.7533	34.4765	20.6973
155	155	887	SLU_ENV	Max	0.	226.1496	36.72	25.4811
155	155	886	SLU_ENV	Min	0.	81.6697	14.3754	-0.2903
155	155	901	SLU_ENV	Min	0.	81.6801	1.156	-0.8005
155	155	902	SLU_ENV	Min	0.	55.7013	-2.051	-1.1143
155	155	887	SLU_ENV	Min	0.	55.6944	10.7764	-0.604
155	155	886	SLV_Ex		96.81	272.6728	55.5346	-1.167
155	155	901	SLV_Ex		97.18	271.1633	53.9117	-1.4675
155	155	902	SLV_Ex		100.16	299.9259	59.9805	-0.5692
155	155	887	SLV_Ex		99.72	301.4363	61.6037	-0.2687
156	156	887	SLU_ENV	Max	0.	214.4732	36.3978	26.0503
156	156	902	SLU_ENV	Max	0.	210.9192	34.4481	20.1139
156	156	903	SLU_ENV	Max	0.	30.0145	3.8097	22.3725
156	156	888	SLU_ENV	Max	0.	33.6599	5.7551	28.3089
156	156	887	SLU_ENV	Min	0.	55.6453	4.6794	-0.485
156	156	902	SLU_ENV	Min	0.	55.596	2.0636	-1.2335
156	156	903	SLU_ENV	Min	0.	12.3614	-4.6536	-1.4057
156	156	888	SLU_ENV	Min	0.	12.4127	-2.1926	-0.6571
156	156	887	SLV_Ex		94.82	301.8439	61.6103	-0.5887
156	156	902	SLV_Ex		91.77	299.899	60.0499	-0.2521
156	156	903	SLV_Ex		100.87	282.3106	56.1792	0.9905
156	156	888	SLV_Ex		103.7	284.2674	57.7278	0.654
157	157	888	SLU_ENV	Max	0.	29.8339	5.4308	27.516
157	157	903	SLU_ENV	Max	0.	30.102	3.9425	23.1513
157	157	904	SLU_ENV	Max	0.	-55.2813	-11.2488	16.575
157	157	889	SLU_ENV	Max	0.	-55.1368	-10.8327	20.9397
157	157	888	SLU_ENV	Min	0.	2.6573	-10.2733	-0.6084

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
157	157	903	SLU_ENV	Min	0.	12.1206	0.8716	-1.4553
157	157	904	SLU_ENV	Min	0.	-244.1211	-45.7168	-1.2989
157	157	889	SLU_ENV	Min	0.	-253.8552	-56.0688	-0.452
157	157	888	SLV_Ex		98.89	284.8103	57.4333	0.4094
157	157	903	SLV_Ex		98.49	284.0502	56.9302	1.233
157	157	904	SLV_Ex		110.19	211.2236	41.4198	1.7899
157	157	889	SLV_Ex		110.53	211.9959	41.8965	0.9662
158	158	57	SLU_ENV	Max	0.	-11.0473	-55.1262	0.3083
158	158	844	SLU_ENV	Max	0.	-11.117	-55.3411	0.4104
158	158	859	SLU_ENV	Max	0.	-11.0672	-55.3091	0.3916
158	158	84	SLU_ENV	Max	0.	-10.9969	-55.0957	0.2895
158	158	57	SLU_ENV	Min	0.	-58.8369	-280.3343	-13.0229
158	158	844	SLU_ENV	Min	0.	-65.501	-312.6202	-25.283
158	158	859	SLU_ENV	Min	0.	-56.4799	-294.4585	-24.7958
158	158	84	SLU_ENV	Min	0.	-49.4037	-262.7525	-12.5357
158	158	57	SLV_Ex		126.	42.3554	220.7296	1.5018
158	158	844	SLV_Ex		134.45	42.3864	215.0481	2.1866
158	158	859	SLV_Ex		134.69	42.0174	214.0486	1.1019
158	158	84	SLV_Ex		126.23	41.9569	219.7677	0.4171
159	159	84	SLU_ENV	Max	0.	-11.038	-55.1169	0.2928
159	159	859	SLU_ENV	Max	0.	-11.0868	-55.3	0.3757
159	159	874	SLU_ENV	Max	0.	-11.0793	-55.3033	0.3354
159	159	111	SLU_ENV	Max	0.	-11.0312	-55.1193	0.2525
159	159	84	SLU_ENV	Min	0.	-54.7412	-265.0921	-12.8612
159	159	859	SLU_ENV	Min	0.	-61.5057	-294.1916	-24.4739
159	159	874	SLU_ENV	Min	0.	-53.3053	-277.0186	-23.3188
159	159	111	SLU_ENV	Min	0.	-46.1526	-248.4616	-11.7061
159	159	84	SLV_Ex		126.18	42.5398	219.8371	0.4992
159	159	859	SLV_Ex		134.34	42.3098	214.1543	1.0098
159	159	874	SLV_Ex		134.53	41.9209	213.4005	0.1796
159	159	111	SLV_Ex		126.35	42.1485	219.0869	-0.331
160	160	111	SLU_ENV	Max	0.	-10.9662	-55.0745	0.2561
160	160	874	SLU_ENV	Max	0.	-11.095	-55.3382	0.3172
160	160	889	SLU_ENV	Max	0.	-11.1313	-55.3616	0.5021
160	160	164	SLU_ENV	Max	0.	-11.0027	-55.0963	0.4409
160	160	111	SLU_ENV	Min	0.	-50.5379	-250.331	-12.2967
160	160	874	SLU_ENV	Min	0.	-57.8277	-276.9306	-22.7263
160	160	889	SLU_ENV	Min	0.	-50.7556	-261.5312	-20.8165
160	160	164	SLU_ENV	Min	0.	-43.107	-235.4279	-10.387
160	160	111	SLV_Ex		126.1	42.4122	219.1356	-0.1209
160	160	874	SLV_Ex		134.6	42.2979	213.48	-0.0367
160	160	889	SLV_Ex		133.8	42.056	213.3251	-0.9633
160	160	164	SLV_Ex		125.28	42.1757	218.9725	-1.0475
161	161	164	SLU_ENV	Max	0.	-10.821	-54.9634	0.3066
161	161	889	SLU_ENV	Max	0.	-11.1115	-55.4543	0.6254
161	161	904	SLU_ENV	Max	0.	-11.1562	-55.5999	1.1214
161	161	191	SLU_ENV	Max	0.	-10.8688	-55.1019	0.8026
161	161	164	SLU_ENV	Min	0.	-46.4569	-236.7113	-11.1783
161	161	889	SLU_ENV	Min	0.	-54.3672	-261.6401	-20.0177
161	161	904	SLU_ENV	Min	0.	-48.6132	-248.8766	-17.4759
161	161	191	SLU_ENV	Min	0.	-40.4047	-224.3544	-8.6365
161	161	164	SLV_Ex		125.72	42.1779	218.9392	-1.0854
161	161	889	SLV_Ex		133.22	42.0469	213.3571	-0.9347
161	161	904	SLV_Ex		131.69	41.5533	213.0817	-1.8192

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
161	161	191	SLV_Ex		124.08	41.7128	218.6253	-1.9699
162	162	191	SLU_ENV	Max	0.	-10.5291	-54.8472	0.5899
162	162	904	SLU_ENV	Max	0.	-11.294	-55.8142	1.3215
162	162	919	SLU_ENV	Max	0.	-11.2081	-56.0935	2.9518
162	162	218	SLU_ENV	Max	0.	-10.033	-55.1136	2.2202
162	162	191	SLU_ENV	Min	0.	-42.3246	-224.8416	-9.6222
162	162	904	SLU_ENV	Min	0.	-51.9385	-249.4384	-16.4791
162	162	919	SLU_ENV	Min	0.	-47.4079	-239.9797	-13.1407
162	162	218	SLU_ENV	Min	0.	-37.9732	-215.6923	-6.2838
162	162	191	SLV_Ex		122.4	42.1354	218.8789	-2.0299
162	162	904	SLV_Ex		133.87	42.2533	213.0527	-1.7646
162	162	919	SLV_Ex		128.89	40.698	212.4166	-2.918
162	162	218	SLV_Ex		117.32	40.6163	218.2008	-3.1833
163	163	218	SLU_ENV	Max	0.	-10.0569	-54.7081	1.5328
163	163	919	SLU_ENV	Max	0.	-11.5339	-56.4857	3.6318
163	163	934	SLU_ENV	Max	0.	-10.8557	-57.1543	6.7058
163	163	245	SLU_ENV	Max	0.	-8.2012	-55.3495	4.6068
163	163	218	SLU_ENV	Min	0.	-38.4241	-215.1674	-7.4489
163	163	919	SLU_ENV	Min	0.	-49.9257	-241.1815	-11.96
163	163	934	SLU_ENV	Min	0.	-45.333	-236.1994	-8.1552
163	163	245	SLU_ENV	Min	0.	-34.8866	-210.3419	-3.644
163	163	218	SLV_Ex		115.22	41.4317	219.3366	-4.0584
163	163	919	SLV_Ex		133.39	41.7238	211.649	-2.0428
163	163	934	SLV_Ex		128.92	36.5565	207.9595	-3.7055
163	163	245	SLV_Ex		109.7	36.289	215.6462	-5.721
164	164	245	SLU_ENV	Max	0.	-9.4922	-55.4679	4.1056
164	164	934	SLU_ENV	Max	0.	-12.1417	-57.3131	7.1858
164	164	949	SLU_ENV	Max	0.	-8.8445	-57.783	13.8984
164	164	272	SLU_ENV	Max	0.	-5.0426	-55.9246	10.8182
164	164	245	SLU_ENV	Min	0.	-34.7032	-210.7529	-4.5056
164	164	934	SLU_ENV	Min	0.	-50.289	-236.9811	-7.2822
164	164	949	SLU_ENV	Min	0.	-39.0011	-233.9461	-2.386
164	164	272	SLU_ENV	Min	0.	-24.519	-207.8308	0.3906
164	164	245	SLV_Ex		96.02	40.6711	223.1325	-7.5991
164	164	934	SLV_Ex		174.33	38.2841	201.6952	-1.8121
164	164	949	SLV_Ex		133.74	20.5963	190.4162	-3.5598
164	164	272	SLV_Ex		96.45	22.9971	212.073	-9.3468
165	165	272	SLU_ENV	Max	0.	-7.0154	-59.3887	8.9447
165	165	949	SLU_ENV	Max	0.	-9.2984	-54.7278	15.7168
165	165	964	SLU_ENV	Max	0.	-0.9746	-55.2863	22.3477
165	165	299	SLU_ENV	Max	0.	1.3878	-60.0514	15.5756
165	165	272	SLU_ENV	Min	0.	-27.8367	-218.8099	-0.3864
165	165	949	SLU_ENV	Min	0.	-37.1974	-223.3461	-1.6025
165	165	964	SLU_ENV	Min	0.	-8.929	-222.577	2.4963
165	165	299	SLU_ENV	Min	0.	0.3317	-218.4245	3.7124
165	165	272	SLV_Ex		140.34	27.1319	235.5256	-14.5184
165	165	949	SLV_Ex		196.86	19.1218	167.4957	1.6657
165	165	964	SLV_Ex		312.73	-4.1421	141.0274	-3.5902
165	165	299	SLV_Ex		339.42	3.7129	209.9429	-19.7742
166	166	896	SLU_ENV	Max	0.	-55.1012	-10.7501	1.2937
166	166	911	SLU_ENV	Max	0.	-55.4198	-11.6668	2.9831
166	166	912	SLU_ENV	Max	0.	28.323	1.0069	3.315
166	166	897	SLU_ENV	Max	0.	29.2281	4.4749	1.6257
166	166	896	SLU_ENV	Min	0.	-239.3845	-52.5383	-17.567

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
166	166	911	SLU_ENV	Min	0.	-232.9689	-45.9118	-12.0718
166	166	912	SLU_ENV	Min	0.	11.757	-1.7587	-16.5952
166	166	897	SLU_ENV	Min	0.	4.6492	-10.732	-22.0904
166	166	896	SLV_Ex		140.51	-598.0997	-118.965	0.6256
166	166	911	SLV_Ex		150.08	-598.9511	-121.9439	1.0375
166	166	912	SLV_Ex		150.58	-305.8574	-63.9429	1.2391
166	166	897	SLV_Ex		141.83	-305.0343	-60.9572	0.8272
167	167	897	SLU_ENV	Max	0.	34.8448	4.6595	1.5372
167	167	912	SLU_ENV	Max	0.	31.4038	1.2625	3.4067
167	167	913	SLU_ENV	Max	0.	202.5251	30.6845	3.0829
167	167	898	SLU_ENV	Max	0.	205.8575	34.1019	1.2134
167	167	897	SLU_ENV	Min	0.	12.3751	-4.5022	-22.3815
167	167	912	SLU_ENV	Min	0.	12.3161	-5.0322	-16.313
167	167	913	SLU_ENV	Min	0.	55.5647	-0.4093	-13.9867
167	167	898	SLU_ENV	Min	0.	55.6153	0.2417	-20.0553
167	167	897	SLV_Ex		137.02	-306.3198	-61.9028	0.6422
167	167	912	SLV_Ex		139.86	-305.4989	-63.1827	1.431
167	167	913	SLV_Ex		141.39	-88.5927	-20.7807	0.5841
167	167	898	SLV_Ex		139.59	-89.4873	-19.4516	-0.2047
168	168	898	SLU_ENV	Max	0.	215.332	33.911	1.5341
168	168	913	SLU_ENV	Max	0.	205.2268	31.0307	2.7594
168	168	914	SLU_ENV	Max	0.	309.5318	48.6296	1.6733
168	168	899	SLU_ENV	Max	0.	319.5744	51.5275	0.448
168	168	898	SLU_ENV	Min	0.	55.6223	4.6857	-19.3465
168	168	913	SLU_ENV	Min	0.	55.8705	-2.5108	-14.7057
168	168	914	SLU_ENV	Min	0.	81.9123	-0.5441	-7.7104
168	168	899	SLU_ENV	Min	0.	81.6559	6.7231	-12.3512
168	168	898	SLV_Ex		127.29	-91.1204	-19.9206	-0.0448
168	168	913	SLV_Ex		143.54	-89.4023	-20.8002	0.4236
168	168	914	SLV_Ex		143.78	79.8884	12.4457	-1.0412
168	168	899	SLV_Ex		127.92	78.1005	13.3784	-1.5097
169	169	899	SLU_ENV	Max	0.	325.2818	51.3509	0.9413
169	169	914	SLU_ENV	Max	0.	310.4521	48.7729	1.1754
169	169	915	SLU_ENV	Max	0.	345.5079	54.8421	0.9821
169	169	900	SLU_ENV	Max	0.	360.3218	57.4264	-0.0399
169	169	899	SLU_ENV	Min	0.	81.6504	9.2253	-10.9384
169	169	914	SLU_ENV	Min	0.	81.9173	-1.6876	-9.1348
169	169	915	SLU_ENV	Min	0.	90.6166	-1.2615	0.0404
169	169	900	SLU_ENV	Min	0.	90.347	9.6711	-0.9753
169	169	899	SLV_Ex		120.8	76.6614	13.1256	-1.1197
169	169	914	SLV_Ex		125.6	77.3116	11.8953	-1.4318
169	169	915	SLV_Ex		128.77	199.3096	36.5518	-2.1411
169	169	900	SLV_Ex		122.89	198.5893	37.8379	-1.829
170	170	900	SLU_ENV	Max	0.	360.3221	57.4264	0.9756
170	170	915	SLU_ENV	Max	0.	345.5078	54.8421	-0.0405
170	170	916	SLU_ENV	Max	0.	310.4461	48.7718	9.1353
170	170	901	SLU_ENV	Max	0.	325.2762	51.3499	10.939
170	170	900	SLU_ENV	Min	0.	90.347	9.6711	0.0398
170	170	915	SLU_ENV	Min	0.	90.6166	-1.2614	-0.9819
170	170	916	SLU_ENV	Min	0.	81.9158	-1.6879	-1.1755
170	170	901	SLU_ENV	Min	0.	81.649	9.2249	-0.9414
170	170	900	SLV_Ex		107.82	197.1244	37.7227	-1.7622
170	170	915	SLV_Ex		114.34	196.5729	35.8267	-2.2133
170	170	916	SLV_Ex		110.24	271.4841	51.249	-2.1006

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
170	170	901	SLV_Ex		104.01	271.9944	53.1813	-1.6495
171	171	901	SLU_ENV	Max	0.	319.5683	51.5265	12.3519
171	171	916	SLU_ENV	Max	0.	309.5262	48.6285	7.7108
171	171	917	SLU_ENV	Max	0.	205.2155	31.0288	14.7058
171	171	902	SLU_ENV	Max	0.	215.3201	33.9092	19.3469
171	171	901	SLU_ENV	Min	0.	81.6544	6.7226	-0.448
171	171	916	SLU_ENV	Min	0.	81.9108	-0.5444	-1.6735
171	171	917	SLU_ENV	Min	0.	55.8675	-2.5113	-2.7597
171	171	902	SLU_ENV	Min	0.	55.6193	4.6851	-1.5343
171	171	901	SLV_Ex		94.35	271.3156	53.323	-1.5001
171	171	916	SLV_Ex		92.05	269.4653	50.5678	-2.2573
171	171	917	SLV_Ex		96.1	297.7728	57.0397	-1.274
171	171	902	SLV_Ex		98.23	299.6204	59.8032	-0.5168
172	172	902	SLU_ENV	Max	0.	205.846	34.1001	20.0554
172	172	917	SLU_ENV	Max	0.	202.5135	30.6826	13.987
172	172	918	SLU_ENV	Max	0.	31.3865	1.2594	16.3132
172	172	903	SLU_ENV	Max	0.	34.8276	4.6565	22.3816
172	172	902	SLU_ENV	Min	0.	55.6123	0.241	-1.2137
172	172	917	SLU_ENV	Min	0.	55.5616	-0.4097	-3.083
172	172	918	SLU_ENV	Min	0.	12.3115	-5.0332	-3.4066
172	172	903	SLU_ENV	Min	0.	12.3706	-4.5034	-1.5373
172	172	902	SLV_Ex		89.78	299.8855	60.011	-0.5509
172	172	917	SLV_Ex		88.22	296.8275	56.6959	-1.2483
172	172	918	SLV_Ex		96.36	279.4439	54.0042	0.5828
172	172	903	SLV_Ex		97.09	282.5389	57.2924	1.2802
173	173	903	SLU_ENV	Max	0.	29.2126	4.4719	22.0907
173	173	918	SLU_ENV	Max	0.	28.3061	1.006	16.5953
173	173	919	SLU_ENV	Max	0.	-55.4261	-11.668	12.0714
173	173	904	SLU_ENV	Max	0.	-55.1075	-10.7512	17.5668
173	173	903	SLU_ENV	Min	0.	4.6425	-10.7333	-1.6256
173	173	918	SLU_ENV	Min	0.	11.7524	-1.7617	-3.3151
173	173	919	SLU_ENV	Min	0.	-232.992	-45.9158	-2.9832
173	173	904	SLU_ENV	Min	0.	-239.4083	-52.5426	-1.2937
173	173	903	SLV_Ex		94.89	283.1151	56.9034	0.7837
173	173	918	SLV_Ex		92.01	281.0262	54.8249	1.0757
173	173	919	SLV_Ex		110.4	210.2305	40.3725	2.4872
173	173	904	SLV_Ex		113.11	212.3493	42.3992	2.1953
180	180	750	SLU_ENV	Max	0.	1.9576	95.7844	-5.245
180	180	749	SLU_ENV	Max	0.	0.0526	157.8999	-6.2682
180	180	733	SLU_ENV	Max	0.	22.6439	169.394	-3.8984
180	180	734	SLU_ENV	Max	0.	21.0188	107.8789	-2.8752
180	180	750	SLU_ENV	Min	0.	-4.875	49.971	-24.0866
180	180	749	SLU_ENV	Min	0.	-3.5524	54.9371	-29.5821
180	180	733	SLU_ENV	Min	0.	7.1572	57.4974	-20.5298
180	180	734	SLU_ENV	Min	0.	8.9895	52.6884	-15.0344
180	180	750	SLV_Ex		600.7	-48.7409	-479.02	-12.9762
180	180	749	SLV_Ex		640.57	-16.8809	-283.9838	-6.2808
180	180	733	SLV_Ex		363.43	-35.8692	-295.5442	-0.2498
180	180	734	SLV_Ex		330.76	-67.4876	-491.0633	-6.9453
181	181	734	SLU_ENV	Max	0.	14.6867	116.7595	-3.3461
181	181	733	SLU_ENV	Max	0.	13.5525	156.8549	-3.444
181	181	717	SLU_ENV	Max	0.	29.898	161.1507	-1.5851
181	181	718	SLU_ENV	Max	0.	28.0816	121.2074	-1.4871
181	181	734	SLU_ENV	Min	0.	5.9709	55.3809	-17.3333

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
181	181	733	SLU_ENV	Min	0.	6.4445	54.6324	-18.2644
181	181	717	SLU_ENV	Min	0.	9.6379	55.3682	-13.0885
181	181	718	SLU_ENV	Min	0.	12.01	56.1504	-12.1574
181	181	734	SLV_Ex		329.71	-98.7939	-503.3067	-2.4654
181	181	733	SLV_Ex		340.52	-56.1093	-293.61	-4.5098
181	181	717	SLV_Ex		339.25	-56.8955	-291.3433	-5.2211
181	181	718	SLV_Ex		352.72	-99.619	-500.9877	-3.1767
182	182	911	SLU_ENV	Max	0.	-55.2362	-10.2799	2.853
182	182	926	SLU_ENV	Max	0.	-55.8572	-10.6958	7.4998
182	182	927	SLU_ENV	Max	0.	26.5821	-0.6328	8.2508
182	182	912	SLU_ENV	Max	0.	28.9148	2.5882	3.604
182	182	911	SLU_ENV	Min	0.	-229.7943	-48.2167	-12.8933
182	182	926	SLU_ENV	Min	0.	-226.811	-48.0224	-7.2332
182	182	927	SLU_ENV	Min	0.	11.2237	-6.5826	-10.0533
182	182	912	SLU_ENV	Min	0.	6.4077	-9.4191	-15.7134
182	182	911	SLV_Ex		149.87	-600.0522	-117.7214	0.6405
182	182	926	SLV_Ex		151.16	-602.1601	-120.9239	2.9893
182	182	927	SLV_Ex		153.65	-305.3994	-64.5397	4.1717
182	182	912	SLV_Ex		151.27	-303.3821	-61.2946	1.8229
183	183	912	SLU_ENV	Max	0.	34.0335	1.9963	4.19
183	183	927	SLU_ENV	Max	0.	33.3535	-0.2242	7.6667
183	183	928	SLU_ENV	Max	0.	199.129	24.6567	5.8873
183	183	913	SLU_ENV	Max	0.	199.6906	29.9238	2.4105
183	183	912	SLU_ENV	Min	0.	12.1621	-5.1045	-15.7964
183	183	927	SLU_ENV	Min	0.	12.5366	-6.9223	-9.9767
183	183	928	SLU_ENV	Min	0.	56.112	-0.2355	-8.6381
183	183	913	SLU_ENV	Min	0.	55.7174	-1.3407	-14.4579
183	183	912	SLV_Ex		140.32	-305.7504	-62.8875	2.3182
183	183	927	SLV_Ex		174.32	-302.5414	-62.8488	3.6792
183	183	928	SLV_Ex		179.83	-85.0096	-20.9572	1.2141
183	183	913	SLV_Ex		147.12	-88.3118	-20.9288	-0.147
184	184	913	SLU_ENV	Max	0.	207.547	29.0692	3.2309
184	184	928	SLU_ENV	Max	0.	201.7811	25.4189	5.0643
184	184	929	SLU_ENV	Max	0.	302.5807	42.5183	3.0988
184	184	914	SLU_ENV	Max	0.	308.2596	46.2128	1.2655
184	184	913	SLU_ENV	Min	0.	55.6228	1.7791	-13.6275
184	184	928	SLU_ENV	Min	0.	56.1785	-1.1668	-9.4746
184	184	929	SLU_ENV	Min	0.	82.481	0.5143	-4.6077
184	184	914	SLU_ENV	Min	0.	81.9051	3.5097	-8.7606
184	184	913	SLV_Ex		147.63	-89.3297	-21.2465	0.222
184	184	928	SLV_Ex		150.29	-88.2028	-21.4816	0.8521
184	184	929	SLV_Ex		155.74	80.8695	11.5118	-0.096
184	184	914	SLV_Ex		150.31	79.6078	11.8519	-0.7261
185	185	914	SLU_ENV	Max	0.	311.9816	45.6429	1.7441
185	185	929	SLU_ENV	Max	0.	303.7028	42.8141	2.6127
185	185	930	SLU_ENV	Max	0.	337.5193	48.2386	1.0807
185	185	915	SLU_ENV	Max	0.	345.7569	51.0913	-0.1259
185	185	914	SLU_ENV	Min	0.	81.6792	5.188	-7.4558
185	185	929	SLU_ENV	Min	0.	82.3705	0.0117	-5.9183
185	185	930	SLU_ENV	Min	0.	91.156	0.4384	0.1278
185	185	915	SLU_ENV	Min	0.	90.4544	5.6342	-1.0717
185	185	914	SLV_Ex		134.2	77.4724	11.6818	-1.5058
185	185	929	SLV_Ex		141.29	77.8178	10.6445	0.6863
185	185	930	SLV_Ex		134.94	198.9981	32.3645	0.2009

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
185	185	915	SLV_Ex		127.41	198.5004	33.5232	-1.9911
186	186	915	SLU_ENV	Max	0.	345.7568	51.0913	1.0722
186	186	930	SLU_ENV	Max	0.	337.5194	48.2386	-0.1278
186	186	931	SLU_ENV	Max	0.	303.6972	42.8132	5.9185
186	186	916	SLU_ENV	Max	0.	311.9757	45.642	7.4562
186	186	915	SLU_ENV	Min	0.	90.4543	5.6342	0.1259
186	186	930	SLU_ENV	Min	0.	91.156	0.4384	-1.0806
186	186	931	SLU_ENV	Min	0.	82.369	0.0115	-2.6131
186	186	916	SLU_ENV	Min	0.	81.6776	5.1877	-1.7444
186	186	915	SLV_Ex		112.99	196.6159	33.7294	-1.4535
186	186	930	SLV_Ex		123.86	197.9259	31.567	-0.3466
186	186	931	SLV_Ex		126.72	271.6299	45.0199	-1.708
186	186	916	SLV_Ex		115.24	270.2249	47.2649	-2.8149
187	187	916	SLU_ENV	Max	0.	308.254	46.212	8.7609
187	187	931	SLU_ENV	Max	0.	302.575	42.5174	4.608
187	187	932	SLU_ENV	Max	0.	201.7697	25.4169	9.4749
187	187	917	SLU_ENV	Max	0.	207.5357	29.0673	13.6278
187	187	916	SLU_ENV	Min	0.	81.9036	3.5094	-1.2658
187	187	931	SLU_ENV	Min	0.	82.4794	0.5141	-3.0991
187	187	932	SLU_ENV	Min	0.	56.1755	-1.1674	-5.0644
187	187	917	SLU_ENV	Min	0.	55.6198	1.7784	-3.2311
187	187	916	SLV_Ex		97.95	269.7269	47.9204	-1.609
187	187	931	SLV_Ex		111.56	269.292	43.7972	-2.9315
187	187	932	SLV_Ex		103.	296.0763	50.5807	-3.2241
187	187	917	SLV_Ex		89.59	296.5171	54.7164	-1.9016
188	188	917	SLU_ENV	Max	0.	199.6789	29.9219	14.4583
188	188	932	SLU_ENV	Max	0.	199.1178	24.6547	8.6383
188	188	933	SLU_ENV	Max	0.	33.3367	-0.225	9.9765
188	188	918	SLU_ENV	Max	0.	34.0162	1.9936	15.7965
188	188	917	SLU_ENV	Min	0.	55.7143	-1.3415	-2.4106
188	188	932	SLU_ENV	Min	0.	56.1089	-0.2361	-5.8876
188	188	933	SLU_ENV	Min	0.	12.532	-6.9249	-7.6671
188	188	918	SLU_ENV	Min	0.	12.1575	-5.1053	-4.1901
188	188	917	SLV_Ex		81.88	297.4256	55.839	-1.3914
188	188	932	SLV_Ex		75.23	293.3391	49.0923	-3.7493
188	188	933	SLV_Ex		84.85	274.6373	47.9616	-1.6393
188	188	918	SLV_Ex		92.39	278.8068	54.6657	0.7185
189	189	918	SLU_ENV	Max	0.	28.8992	2.5855	15.7133
189	189	933	SLU_ENV	Max	0.	26.5663	-0.6336	10.0534
189	189	934	SLU_ENV	Max	0.	-55.8634	-10.697	7.2331
189	189	919	SLU_ENV	Max	0.	-55.2424	-10.281	12.893
189	189	918	SLU_ENV	Min	0.	6.4015	-9.42	-3.6042
189	189	933	SLU_ENV	Min	0.	11.2178	-6.5851	-8.2511
189	189	934	SLU_ENV	Min	0.	-226.8339	-48.0262	-7.4998
189	189	919	SLU_ENV	Min	0.	-229.8173	-48.2208	-2.8529
189	189	918	SLV_Ex		87.99	280.2291	55.1517	0.0961
189	189	933	SLV_Ex		88.39	274.8134	47.7953	-1.028
189	189	934	SLV_Ex		117.45	206.0612	35.4814	2.3064
189	189	919	SLV_Ex		116.63	211.5656	42.7357	3.4305
190	190	718	SLU_ENV	Max	0.	18.7045	121.8408	-1.6864
190	190	717	SLU_ENV	Max	0.	23.376	157.3243	-1.3912
190	190	330	SLU_ENV	Max	0.	31.6554	157.1968	-0.6891
190	190	331	SLU_ENV	Max	0.	26.9532	121.6963	-0.9844
190	190	718	SLU_ENV	Min	0.	10.105	56.1082	-13.4541

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
190	190	717	SLU_ENV	Min	0.	8.9944	54.914	-11.795
190	190	330	SLU_ENV	Min	0.	10.2332	54.8412	-10.022
190	190	331	SLU_ENV	Min	0.	11.4062	56.0369	-11.6811
190	190	718	SLV_Ex		348.91	-99.2926	-499.8806	-3.0073
190	190	717	SLV_Ex		343.58	-61.3778	-293.2816	-5.2545
190	190	330	SLV_Ex		356.46	-57.422	-290.1049	-2.7896
190	190	331	SLV_Ex		362.02	-95.3938	-496.6348	-0.5424
191	191	331	SLU_ENV	Max	0.	20.7844	120.8993	-0.947
191	191	330	SLU_ENV	Max	0.	27.0106	155.8311	-0.7276
191	191	348	SLU_ENV	Max	0.	32.92	154.3872	-0.1869
191	191	349	SLU_ENV	Max	0.	26.7524	119.3791	-0.4063
191	191	331	SLU_ENV	Min	0.	10.8274	55.791	-11.8538
191	191	330	SLU_ENV	Min	0.	10.0667	54.9381	-9.8334
191	191	348	SLU_ENV	Min	0.	10.6201	54.76	-9.1157
191	191	349	SLU_ENV	Min	0.	11.3793	55.6104	-11.1361
191	191	331	SLV_Ex		365.09	-100.2553	-495.9784	-0.8321
191	191	330	SLV_Ex		359.09	-60.6946	-292.3881	-2.3615
191	191	348	SLV_Ex		369.86	-56.379	-289.5611	-1.4087
191	191	349	SLV_Ex		375.54	-95.9933	-493.0551	0.1207
192	192	349	SLU_ENV	Max	0.	21.4508	118.6726	-0.354
192	192	348	SLU_ENV	Max	0.	28.4984	153.1491	-0.2394
192	192	366	SLU_ENV	Max	0.	32.811	151.7312	0.2283
192	192	367	SLU_ENV	Max	0.	25.8449	117.1556	-0.0883
192	192	349	SLU_ENV	Min	0.	10.9865	55.3654	-10.9999
192	192	348	SLU_ENV	Min	0.	10.6575	54.9339	-9.2302
192	192	366	SLU_ENV	Min	0.	10.8216	54.8159	-9.5817
192	192	367	SLU_ENV	Min	0.	11.1492	55.2461	-11.1494
192	192	349	SLV_Ex		376.	-97.8548	-492.7972	-0.0161
192	192	348	SLV_Ex		372.42	-58.3477	-290.585	-1.1313
192	192	366	SLV_Ex		378.52	-56.1755	-288.7012	-0.3644
192	192	367	SLV_Ex		382.15	-95.7107	-490.8751	0.7508
193	193	367	SLU_ENV	Max	0.	21.4285	116.9764	0.0429
193	193	366	SLU_ENV	Max	0.	28.3097	150.1269	0.1109
193	193	384	SLU_ENV	Max	0.	32.181	149.0466	0.3403
193	193	385	SLU_ENV	Max	0.	25.3852	115.8	0.2722
193	193	367	SLU_ENV	Min	0.	11.0315	55.1142	-11.062
193	193	366	SLU_ENV	Min	0.	10.8903	54.9379	-9.6578
193	193	384	SLU_ENV	Min	0.	10.9388	54.9127	-9.9853
193	193	385	SLU_ENV	Min	0.	11.0779	55.09	-11.3896
193	193	367	SLV_Ex		383.4	-97.9599	-491.1525	0.7319
193	193	366	SLV_Ex		379.01	-57.5405	-289.1466	-0.1967
193	193	384	SLV_Ex		382.14	-55.976	-287.6332	-0.305
193	193	385	SLV_Ex		386.44	-96.4251	-489.5953	0.6237
194	194	385	SLU_ENV	Max	0.	21.2424	115.9836	0.3654
194	194	384	SLU_ENV	Max	0.	27.5121	147.1007	0.2599
194	194	402	SLU_ENV	Max	0.	31.2073	146.2117	0.3152
194	194	403	SLU_ENV	Max	0.	25.0331	114.9901	0.4207
194	194	385	SLU_ENV	Min	0.	11.0196	55.0311	-11.363
194	194	384	SLU_ENV	Min	0.	10.9743	54.967	-10.0028
194	194	402	SLU_ENV	Min	0.	11.0047	55.0039	-10.0297
194	194	403	SLU_ENV	Min	0.	11.0483	55.0697	-11.3899
194	194	385	SLV_Ex		386.7	-97.1875	-489.6244	0.6785
194	194	384	SLV_Ex		382.45	-56.8577	-287.933	-0.2165
194	194	402	SLV_Ex		383.69	-55.964	-286.5817	-0.2888

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
194	194	403	SLV_Ex		387.94	-96.3044	-488.2579	0.6062
195	195	403	SLU_ENV	Max	0.	21.1767	115.3805	0.4643
195	195	402	SLU_ENV	Max	0.	26.5456	144.1147	0.2852
195	195	420	SLU_ENV	Max	0.	29.9662	143.1323	0.3001
195	195	421	SLU_ENV	Max	0.	24.6776	114.2952	0.4793
195	195	403	SLU_ENV	Min	0.	11.0073	55.0615	-11.4293
195	195	402	SLU_ENV	Min	0.	10.996	55.0053	-9.9819
195	195	420	SLU_ENV	Min	0.	11.023	55.0613	-9.6084
195	195	421	SLU_ENV	Min	0.	11.0485	55.1194	-11.0558
195	195	403	SLV_Ex		387.9	-96.8346	-488.2548	0.5424
195	195	402	SLV_Ex		383.81	-56.5442	-286.8069	-0.0767
195	195	420	SLV_Ex		384.79	-55.9536	-285.8832	-0.159
195	195	421	SLV_Ex		388.9	-96.2569	-487.3104	0.4601
196	196	421	SLU_ENV	Max	0.	21.3226	114.8181	0.5497
196	196	420	SLU_ENV	Max	0.	25.5836	141.0459	0.2424
196	196	438	SLU_ENV	Max	0.	28.5277	139.9698	0.3926
196	196	439	SLU_ENV	Max	0.	24.2874	113.6326	0.6999
196	196	421	SLU_ENV	Min	0.	10.9907	55.162	-11.0994
196	196	420	SLU_ENV	Min	0.	10.9645	55.0116	-9.5582
196	196	438	SLU_ENV	Min	0.	10.9891	55.115	-8.7633
196	196	439	SLU_ENV	Min	0.	11.0951	55.2675	-10.3044
196	196	421	SLV_Ex		388.81	-96.6992	-487.2983	0.498
196	196	420	SLV_Ex		384.5	-56.2711	-286.0472	-0.0542
196	196	438	SLV_Ex		384.1	-56.2729	-285.3132	-0.2868
196	196	439	SLV_Ex		388.4	-96.6939	-486.5734	0.2654
197	197	439	SLU_ENV	Max	0.	21.5309	114.2608	0.8082
197	197	438	SLU_ENV	Max	0.	24.6168	137.9854	0.2981
197	197	456	SLU_ENV	Max	0.	26.7315	136.8383	0.6787
197	197	457	SLU_ENV	Max	0.	23.6271	113.0123	1.1888
197	197	439	SLU_ENV	Min	0.	11.0059	55.3659	-10.3275
197	197	438	SLU_ENV	Min	0.	10.8953	55.0025	-8.7338
197	197	456	SLU_ENV	Min	0.	10.8456	55.1892	-7.5161
197	197	457	SLU_ENV	Min	0.	11.068	55.5568	-9.1098
197	197	439	SLV_Ex		387.41	-95.7321	-486.3756	0.2687
197	197	438	SLV_Ex		384.17	-56.1502	-285.2941	-0.142
197	197	456	SLV_Ex		381.38	-56.6028	-284.8398	0.3683
197	197	457	SLV_Ex		384.66	-96.1802	-485.9255	0.7789
198	198	926	SLU_ENV	Max	0.	-56.3729	-10.5435	7.9607
198	198	941	SLU_ENV	Max	0.	-57.105	-10.2928	13.1353
198	198	942	SLU_ENV	Max	0.	28.2296	-2.5886	13.1277
198	198	927	SLU_ENV	Max	0.	31.0216	2.0105	7.9531
198	198	926	SLU_ENV	Min	0.	-226.7825	-46.2448	-7.4939
198	198	941	SLU_ENV	Min	0.	-225.3644	-56.2257	-2.1842
198	198	942	SLU_ENV	Min	0.	11.7034	-12.1994	-4.4233
198	198	927	SLU_ENV	Min	0.	8.099	-7.0176	-9.7329
198	198	926	SLV_Ex		165.5	-603.7375	-120.6244	4.4913
198	198	941	SLV_Ex		225.66	-600.8905	-116.0413	3.3079
198	198	942	SLV_Ex		246.69	-299.8354	-54.5168	1.7014
198	198	927	SLV_Ex		173.98	-302.6794	-59.1261	2.8848
199	199	927	SLU_ENV	Max	0.	34.183	0.13	7.8315
199	199	942	SLU_ENV	Max	0.	34.2261	-1.7727	13.2683
199	199	943	SLU_ENV	Max	0.	198.6253	18.1322	11.2594
199	199	928	SLU_ENV	Max	0.	198.3935	24.5072	5.8226
199	199	927	SLU_ENV	Min	0.	12.1191	-6.1875	-9.686

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
199	199	942	SLU_ENV	Min	0.	12.5626	-9.1574	-4.4708
199	199	943	SLU_ENV	Min	0.	57.0842	0.9065	-3.6725
199	199	928	SLU_ENV	Min	0.	56.5854	-0.4254	-8.8877
199	199	927	SLV_Ex		188.92	-300.7964	-58.7032	2.0751
199	199	942	SLV_Ex		158.51	-301.2873	-54.8535	2.5423
199	199	943	SLV_Ex		169.83	-85.3032	-12.3296	3.4364
199	199	928	SLV_Ex		189.91	-84.9444	-16.0518	2.9692
200	200	928	SLU_ENV	Max	0.	202.4443	22.5621	5.7531
200	200	943	SLU_ENV	Max	0.	201.0385	19.243	11.3299
200	200	944	SLU_ENV	Max	0.	300.3781	32.4708	8.0371
200	200	929	SLU_ENV	Max	0.	301.5908	35.9334	2.4603
200	200	928	SLU_ENV	Min	0.	55.7209	1.6409	-8.4224
200	200	943	SLU_ENV	Min	0.	56.8097	0.7395	-4.1388
200	200	944	SLU_ENV	Min	0.	83.5317	1.7955	-1.3536
200	200	929	SLU_ENV	Min	0.	82.3841	2.7421	-5.6372
200	200	928	SLV_Ex		166.1	-86.8128	-15.34	-0.7092
200	200	943	SLV_Ex		148.38	-89.7933	-14.3132	7.1468
200	200	944	SLV_Ex		135.15	77.6807	10.3782	9.4138
200	200	929	SLV_Ex		150.76	80.3284	9.6146	1.5577
201	201	929	SLU_ENV	Max	0.	303.6061	35.1553	4.1496
201	201	944	SLU_ENV	Max	0.	303.1176	33.0031	6.3244
201	201	945	SLU_ENV	Max	0.	336.3181	37.0577	1.6058
201	201	930	SLU_ENV	Max	0.	336.7418	39.2619	-0.3065
201	201	929	SLU_ENV	Min	0.	81.8458	3.8831	-4.3192
201	201	944	SLU_ENV	Min	0.	83.7215	1.7816	-2.6775
201	201	945	SLU_ENV	Min	0.	92.6187	1.9242	0.31
201	201	930	SLU_ENV	Min	0.	90.7224	4.0394	-1.5942
201	201	929	SLV_Ex		136.61	78.0558	10.1712	1.5569
201	201	944	SLV_Ex		138.97	80.7029	9.9716	9.4059
201	201	945	SLV_Ex		143.13	200.2276	25.1264	7.2485
201	201	930	SLV_Ex		140.42	197.3021	25.5474	-0.6005
202	202	930	SLU_ENV	Max	0.	336.7419	39.2619	1.5942
202	202	945	SLU_ENV	Max	0.	336.318	37.0577	-0.3102
202	202	946	SLU_ENV	Max	0.	303.1118	33.0024	2.6777
202	202	931	SLU_ENV	Max	0.	303.6005	35.1546	4.3195
202	202	930	SLU_ENV	Min	0.	90.7224	4.0394	0.3064
202	202	945	SLU_ENV	Min	0.	92.6187	1.9242	-1.6063
202	202	946	SLU_ENV	Min	0.	83.7199	1.7814	-6.325
202	202	931	SLU_ENV	Min	0.	81.8443	3.8829	-4.1499
202	202	930	SLV_Ex		130.5	197.5745	26.4885	0.8464
202	202	945	SLV_Ex		144.56	201.9896	24.5921	5.7827
202	202	946	SLV_Ex		140.49	273.636	33.4194	2.0775
202	202	931	SLV_Ex		125.4	269.0532	35.4573	-2.8588
203	203	931	SLU_ENV	Max	0.	301.5852	35.9327	5.6375
203	203	946	SLU_ENV	Max	0.	300.3724	32.4701	1.3536
203	203	947	SLU_ENV	Max	0.	201.027	19.2415	4.1388
203	203	932	SLU_ENV	Max	0.	202.433	22.5607	8.4227
203	203	931	SLU_ENV	Min	0.	82.3826	2.7419	-2.4605
203	203	946	SLU_ENV	Min	0.	83.5301	1.7954	-8.0376
203	203	947	SLU_ENV	Min	0.	56.8066	0.7392	-11.3303
203	203	932	SLU_ENV	Min	0.	55.7178	1.6405	-5.7532
203	203	931	SLV_Ex		110.23	269.2325	36.8373	-0.5738
203	203	946	SLV_Ex		143.21	274.9113	32.3303	-0.2324
203	203	947	SLV_Ex		146.41	298.5708	36.6558	-5.2272

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
203	203	932	SLV_Ex		114.55	292.869	41.207	-5.5687
204	204	932	SLU_ENV	Max	0.	198.3823	24.5059	8.8877
204	204	947	SLU_ENV	Max	0.	198.6141	18.1307	3.6727
204	204	948	SLU_ENV	Max	0.	34.2093	-1.7736	4.4709
204	204	933	SLU_ENV	Max	0.	34.1662	0.1292	9.686
204	204	932	SLU_ENV	Min	0.	56.5824	-0.4257	-5.8231
204	204	947	SLU_ENV	Min	0.	57.0811	0.9062	-11.2595
204	204	948	SLU_ENV	Min	0.	12.5579	-9.1604	-13.2682
204	204	933	SLU_ENV	Min	0.	12.1145	-6.1904	-7.8318
204	204	932	SLV_Ex		88.5	295.2195	44.0611	-2.4926
204	204	947	SLV_Ex		136.07	293.7151	33.3007	-8.3399
204	204	948	SLV_Ex		124.86	269.57	34.9267	-8.7435
204	204	933	SLV_Ex		74.21	271.2778	45.5969	-2.8961
205	205	933	SLU_ENV	Max	0.	31.0059	2.0081	9.733
205	205	948	SLU_ENV	Max	0.	28.2136	-2.5895	4.4233
205	205	949	SLU_ENV	Max	0.	-57.1115	-10.2941	2.184
205	205	934	SLU_ENV	Max	0.	-56.3792	-10.5446	7.4937
205	205	933	SLU_ENV	Min	0.	8.0931	-7.0185	-7.9533
205	205	948	SLU_ENV	Min	0.	11.6978	-12.2027	-13.1276
205	205	949	SLU_ENV	Min	0.	-225.3875	-56.2305	-13.135
205	205	934	SLU_ENV	Min	0.	-226.8056	-46.2488	-7.9607
205	205	933	SLV_Ex		75.75	278.716	51.7345	-3.6212
205	205	948	SLV_Ex		94.17	264.17	29.1967	-8.0384
205	205	949	SLV_Ex		130.8	189.4431	19.6854	0.4603
205	205	934	SLV_Ex		168.61	204.2647	42.0729	4.8776
206	206	457	SLU_ENV	Max	0.	22.1975	113.8533	1.3103
206	206	456	SLU_ENV	Max	0.	24.2183	135.05	0.5692
206	206	474	SLU_ENV	Max	0.	24.2892	133.8416	1.699
206	206	475	SLU_ENV	Max	0.	22.8511	112.5459	2.4401
206	206	457	SLU_ENV	Min	0.	11.2219	55.7768	-9.0889
206	206	456	SLU_ENV	Min	0.	10.1001	55.0095	-7.5317
206	206	474	SLU_ENV	Min	0.	10.4556	55.2815	-5.6974
206	206	475	SLU_ENV	Min	0.	11.0868	56.0545	-7.2546
206	206	457	SLV_Ex		384.7	-96.2066	-485.966	0.7753
206	206	456	SLV_Ex		379.21	-56.3007	-284.7441	0.512
206	206	474	SLV_Ex		369.95	-57.7055	-284.6479	0.7694
206	206	475	SLV_Ex		375.52	-97.5762	-485.9208	1.0326
207	207	475	SLU_ENV	Max	0.	22.6363	113.3991	2.4934
207	207	474	SLU_ENV	Max	0.	23.5934	132.5213	1.656
207	207	492	SLU_ENV	Max	0.	20.3207	130.9702	3.5703
207	207	493	SLU_ENV	Max	0.	20.3829	111.7531	4.4077
207	207	475	SLU_ENV	Min	0.	11.2006	56.3136	-7.1567
207	207	474	SLU_ENV	Min	0.	9.321	55.1032	-5.7896
207	207	492	SLU_ENV	Min	0.	9.4251	55.3762	-3.5357
207	207	493	SLU_ENV	Min	0.	10.3679	56.5908	-4.9027
207	207	475	SLV_Ex		372.46	-93.0895	-485.7118	0.7031
207	207	474	SLV_Ex		367.74	-56.0479	-283.628	1.2471
207	207	492	SLV_Ex		352.81	-58.3098	-284.7677	4.2843
207	207	493	SLV_Ex		357.53	-95.3234	-486.9058	3.7403
208	208	493	SLU_ENV	Max	0.	24.3716	112.2145	3.7562
208	208	492	SLU_ENV	Max	0.	22.322	131.3482	4.2204
208	208	510	SLU_ENV	Max	0.	13.6265	127.3576	9.07
208	208	511	SLU_ENV	Max	0.	16.7896	108.0607	8.6059
208	208	493	SLU_ENV	Min	0.	12.0194	56.8087	-4.9539

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
208	208	492	SLU_ENV	Min	0.	8.4425	55.6505	-3.4817
208	208	510	SLU_ENV	Min	0.	6.7567	55.1196	0.187
208	208	511	SLU_ENV	Min	0.	9.3418	56.2514	-1.2852
208	208	493	SLV_Ex		360.85	-97.0597	-488.4732	3.5295
208	208	492	SLV_Ex		347.38	-55.643	-283.0142	4.6417
208	208	510	SLV_Ex		343.97	-56.4094	-284.5924	4.2893
208	208	511	SLV_Ex		334.14	-97.7973	-490.1321	3.1771
209	209	511	SLU_ENV	Max	0.	19.0588	102.1829	7.1193
209	209	510	SLU_ENV	Max	0.	17.3219	134.1348	10.5284
209	209	528	SLU_ENV	Max	0.	0.1813	124.4441	17.7234
209	209	529	SLU_ENV	Max	0.	2.9488	93.041	14.3143
209	209	511	SLU_ENV	Min	0.	9.1925	53.5845	-1.7517
209	209	510	SLU_ENV	Min	0.	6.3057	57.9598	0.6479
209	209	528	SLU_ENV	Min	0.	-1.4115	55.355	4.4937
209	209	529	SLU_ENV	Min	0.	0.6632	49.8048	2.0941
209	209	511	SLV_Ex		335.94	-69.0574	-478.9564	7.4536
209	209	510	SLV_Ex		369.68	-36.9433	-286.1269	0.245
209	209	528	SLV_Ex		648.6	-17.7066	-273.0591	5.9497
209	209	529	SLV_Ex		605.72	-50.0139	-465.3495	13.1583
210	210	749	SLU_ENV	Max	0.	6.2005	163.0428	-5.7609
210	210	748	SLU_ENV	Max	0.	5.7011	211.6199	-2.937
210	210	732	SLU_ENV	Max	0.	10.6796	202.1909	-1.5697
210	210	733	SLU_ENV	Max	0.	10.8389	153.9913	-4.3937
210	210	749	SLU_ENV	Min	0.	2.9426	57.1741	-29.2078
210	210	748	SLU_ENV	Min	0.	1.624	58.9327	-20.7092
210	210	732	SLU_ENV	Min	0.	2.7491	55.7356	-12.3874
210	210	733	SLU_ENV	Min	0.	4.0216	54.0326	-20.8861
210	210	749	SLV_Ex		425.92	-26.7306	-304.4898	-10.6237
210	210	748	SLV_Ex		421.39	-6.17	-112.4477	-28.938
210	210	732	SLV_Ex		380.37	-6.4314	-90.8045	-14.3766
210	210	733	SLV_Ex		388.42	-27.4868	-282.3745	3.9377
211	211	733	SLU_ENV	Max	0.	16.8501	157.7378	-3.3629
211	211	732	SLU_ENV	Max	0.	18.1474	201.1402	-2.6011
211	211	716	SLU_ENV	Max	0.	26.9668	197.798	-0.9047
211	211	717	SLU_ENV	Max	0.	25.4748	154.6395	-1.6665
211	211	733	SLU_ENV	Min	0.	7.0948	55.1794	-18.6997
211	211	732	SLU_ENV	Min	0.	5.1367	55.681	-14.5661
211	211	716	SLU_ENV	Min	0.	7.0331	55.1189	-8.5303
211	211	717	SLU_ENV	Min	0.	8.9559	54.6628	-12.6639
211	211	733	SLV_Ex		372.27	-55.3566	-288.2795	-5.3093
211	211	732	SLV_Ex		381.89	-17.4266	-92.6725	-5.0691
211	211	716	SLV_Ex		342.27	-18.0084	-93.1304	-4.1926
211	211	717	SLV_Ex		331.87	-56.0437	-288.6515	-4.4328
212	212	717	SLU_ENV	Max	0.	24.133	156.5904	-1.3946
212	212	716	SLU_ENV	Max	0.	29.0409	195.9936	-1.181
212	212	329	SLU_ENV	Max	0.	35.3059	194.1413	-0.4734
212	212	330	SLU_ENV	Max	0.	30.2806	154.842	-0.687
212	212	717	SLU_ENV	Min	0.	9.0778	55.1121	-12.0005
212	212	716	SLU_ENV	Min	0.	8.0829	54.904	-9.187
212	212	329	SLU_ENV	Min	0.	9.2676	54.9009	-7.0214
212	212	330	SLU_ENV	Min	0.	10.2459	55.1234	-9.835
212	212	717	SLV_Ex		334.62	-59.8805	-290.0277	-5.0005
212	212	716	SLV_Ex		333.64	-23.3537	-93.5906	-3.4925
212	212	329	SLV_Ex		343.22	-21.8281	-94.9879	-1.5478

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
212	212	330	SLV_Ex		344.66	-58.5095	-291.31	-3.0558
213	213	330	SLU_ENV	Max	0.	27.321	155.405	-0.6622
213	213	329	SLU_ENV	Max	0.	34.1005	192.7453	-0.4998
213	213	347	SLU_ENV	Max	0.	39.0302	190.102	-0.0234
213	213	348	SLU_ENV	Max	0.	32.213	152.8299	-0.2531
213	213	330	SLU_ENV	Min	0.	10.0036	55.161	-9.7801
213	213	329	SLU_ENV	Min	0.	9.4933	54.86	-7.0613
213	213	347	SLU_ENV	Min	0.	10.2937	54.8008	-6.5347
213	213	348	SLU_ENV	Min	0.	10.7977	55.1098	-9.1862
213	213	330	SLV_Ex		347.31	-59.7271	-291.1513	-2.369
213	213	329	SLV_Ex		345.65	-21.7428	-95.373	-2.1159
213	213	347	SLV_Ex		352.33	-19.3448	-95.2742	-1.1453
213	213	348	SLV_Ex		353.9	-57.3813	-290.9715	-1.3984
214	214	941	SLU_ENV	Max	0.	-57.4182	-7.6922	11.7422
214	214	956	SLU_ENV	Max	0.	-55.063	-6.6114	26.3586
214	214	957	SLU_ENV	Max	0.	32.1374	-0.3663	29.2731
214	214	942	SLU_ENV	Max	0.	37.6004	4.0738	14.6567
214	214	941	SLU_ENV	Min	0.	-224.4601	-32.8709	-2.5535
214	214	956	SLU_ENV	Min	0.	-230.2093	-41.2816	3.4424
214	214	957	SLU_ENV	Min	0.	12.369	-6.5779	1.9983
214	214	942	SLU_ENV	Min	0.	10.0102	-3.4735	-3.9977
214	214	941	SLV_Ex		329.76	-583.5748	-88.0579	3.9601
214	214	956	SLV_Ex		110.41	-572.9569	-51.8624	11.6927
214	214	957	SLV_Ex		351.88	-298.9254	-6.4624	9.0158
214	214	942	SLV_Ex		288.25	-309.1608	-42.5493	1.2832
215	215	942	SLU_ENV	Max	0.	34.8188	0.0712	12.6444
215	215	957	SLU_ENV	Max	0.	33.4384	-0.4506	31.3361
215	215	958	SLU_ENV	Max	0.	197.5879	8.2772	30.633
215	215	943	SLU_ENV	Max	0.	198.4571	11.8737	11.9413
215	215	942	SLU_ENV	Min	0.	12.2199	-1.9018	-4.5185
215	215	957	SLU_ENV	Min	0.	12.4121	-3.9082	2.5296
215	215	958	SLU_ENV	Min	0.	57.795	0.7831	3.4545
215	215	943	SLU_ENV	Min	0.	57.4327	0.2171	-3.5936
215	215	942	SLV_Ex		204.41	-294.2591	-26.5141	-4.5704
215	215	957	SLV_Ex		120.18	-313.8686	-22.5059	14.9894
215	215	958	SLV_Ex		78.55	-104.4109	-2.3342	30.1969
215	215	943	SLV_Ex		145.67	-85.3709	-5.8666	10.6371
216	216	943	SLU_ENV	Max	0.	199.8452	10.7768	14.388
216	216	958	SLU_ENV	Max	0.	208.3181	9.7123	28.1562
216	216	959	SLU_ENV	Max	0.	306.8483	14.0331	18.7875
216	216	944	SLU_ENV	Max	0.	298.0247	15.409	5.0193
216	216	943	SLU_ENV	Min	0.	56.011	1.6051	-2.7232
216	216	958	SLU_ENV	Min	0.	59.4406	1.5254	2.579
216	216	959	SLU_ENV	Min	0.	86.4021	1.2217	2.5548
216	216	944	SLU_ENV	Min	0.	82.8542	1.3436	-2.7475
216	216	943	SLV_Ex		130.71	-87.4623	-3.3141	8.6535
216	216	958	SLV_Ex		117.3	-86.6144	-1.7457	32.1822
216	216	959	SLV_Ex		125.62	77.7001	5.0942	31.5221
216	216	944	SLV_Ex		136.51	76.2699	3.9806	7.9935
217	217	944	SLU_ENV	Max	0.	300.6771	15.253	9.6486
217	217	959	SLU_ENV	Max	0.	311.4794	14.5473	14.1123
217	217	960	SLU_ENV	Max	0.	344.3731	16.0979	2.503
217	217	945	SLU_ENV	Max	0.	333.4405	16.9192	-0.6118
217	217	944	SLU_ENV	Min	0.	82.6352	2.1336	-0.9747

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
217	217	959	SLU_ENV	Min	0.	87.0221	1.6105	0.7765
217	217	960	SLU_ENV	Min	0.	95.9792	1.5493	0.619
217	217	945	SLU_ENV	Min	0.	91.5485	2.0881	-2.4811
217	217	944	SLV_Ex		140.02	80.0638	5.754	11.1897
217	217	959	SLV_Ex		141.45	87.3105	6.0016	28.3106
217	217	960	SLV_Ex		138.83	204.8789	10.5468	22.6415
217	217	945	SLV_Ex		136.37	197.1343	10.682	5.5206
218	218	945	SLU_ENV	Max	0.	333.4405	16.9192	2.4807
218	218	960	SLU_ENV	Max	0.	344.373	16.0978	-0.6194
218	218	961	SLU_ENV	Max	0.	311.4737	14.547	-0.7767
218	218	946	SLU_ENV	Max	0.	300.6714	15.2528	0.9748
218	218	945	SLU_ENV	Min	0.	91.5485	2.0881	0.6116
218	218	960	SLU_ENV	Min	0.	95.9791	1.5493	-2.5043
218	218	961	SLU_ENV	Min	0.	87.0205	1.6104	-14.1136
218	218	946	SLU_ENV	Min	0.	82.6336	2.1335	-9.6492
218	218	945	SLV_Ex		139.29	199.9697	11.9743	8.8256
218	218	960	SLV_Ex		155.68	212.561	11.3579	19.2997
218	218	961	SLV_Ex		157.66	282.2315	13.6962	9.5446
218	218	946	SLV_Ex		141.47	269.3555	14.5354	-0.9295
219	219	946	SLU_ENV	Max	0.	298.0191	15.4087	2.7475
219	219	961	SLU_ENV	Max	0.	306.8422	14.0329	-2.555
219	219	962	SLU_ENV	Max	0.	208.3064	9.7118	-2.5791
219	219	947	SLU_ENV	Max	0.	199.8339	10.7763	2.7233
219	219	946	SLU_ENV	Min	0.	82.8526	1.3435	-5.02
219	219	961	SLU_ENV	Min	0.	86.4005	1.2217	-18.7888
219	219	962	SLU_ENV	Min	0.	59.4374	1.5252	-28.1571
219	219	947	SLU_ENV	Min	0.	56.0079	1.6049	-14.3883
219	219	946	SLV_Ex		143.71	272.9182	16.0599	2.5593
219	219	961	SLV_Ex		182.64	286.3842	13.7148	6.008
219	219	962	SLV_Ex		182.82	306.7238	14.0002	-4.5501
219	219	947	SLV_Ex		143.68	293.2521	16.3672	-7.9988
220	220	947	SLU_ENV	Max	0.	198.4462	11.8732	3.5937
220	220	962	SLU_ENV	Max	0.	197.5758	8.2766	-3.4546
220	220	963	SLU_ENV	Max	0.	33.4206	-0.451	-2.5295
220	220	948	SLU_ENV	Max	0.	34.8022	0.0708	4.5188
220	220	947	SLU_ENV	Min	0.	57.4296	0.2169	-11.9417
220	220	962	SLU_ENV	Min	0.	57.7916	0.783	-30.6338
220	220	963	SLU_ENV	Min	0.	12.4072	-3.9096	-31.3359
220	220	948	SLU_ENV	Min	0.	12.2153	-1.9031	-12.6439
220	220	947	SLV_Ex		132.47	294.6774	18.9228	-2.1697
220	220	962	SLV_Ex		228.82	310.367	12.4583	-10.4205
220	220	963	SLV_Ex		234.58	278.4995	15.1889	-23.1806
220	220	948	SLV_Ex		149.5	263.0515	21.5237	-14.9298
221	221	948	SLU_ENV	Max	0.	37.5849	4.0725	3.9977
221	221	963	SLU_ENV	Max	0.	32.1212	-0.3664	-1.9979
221	221	964	SLU_ENV	Max	0.	-55.0704	-6.6125	-3.4422
221	221	949	SLU_ENV	Max	0.	-57.4258	-7.6932	2.5534
221	221	948	SLU_ENV	Min	0.	10.0046	-3.4739	-14.6568
221	221	963	SLU_ENV	Min	0.	12.3636	-6.5791	-29.2723
221	221	964	SLU_ENV	Min	0.	-230.2316	-41.2851	-26.3573
221	221	949	SLU_ENV	Min	0.	-224.4818	-32.8748	-11.7418
221	221	948	SLV_Ex		140.83	281.778	37.1254	-13.7751
221	221	963	SLV_Ex		392.84	250.3421	-2.299	-24.3981
221	221	964	SLV_Ex		363.8	142.9525	-10.7588	-4.4173

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
221	221	949	SLV_Ex		169.02	175.1574	28.3681	6.2057
222	222	348	SLU_ENV	Max	0.	29.0148	153.0977	-0.1983
222	222	347	SLU_ENV	Max	0.	36.4534	188.6792	-0.1464
222	222	365	SLU_ENV	Max	0.	39.442	185.777	0.1987
222	222	366	SLU_ENV	Max	0.	31.9854	150.2365	0.0995
222	222	348	SLU_ENV	Min	0.	10.5857	55.0412	-9.1322
222	222	347	SLU_ENV	Min	0.	10.3927	54.8468	-6.499
222	222	365	SLU_ENV	Min	0.	10.7721	54.852	-7.0251
222	222	366	SLU_ENV	Min	0.	10.9617	55.0497	-9.611
222	222	348	SLV_Ex		356.47	-58.2287	-290.6797	-0.9912
222	222	347	SLV_Ex		352.57	-19.8989	-95.8464	-1.4101
222	222	365	SLV_Ex		358.46	-18.1421	-94.9845	-0.9275
222	222	366	SLV_Ex		362.31	-56.5221	-289.7441	-0.5086
223	223	366	SLU_ENV	Max	0.	29.1541	150.5693	0.1843
223	223	365	SLU_ENV	Max	0.	36.2001	184.2296	0.1257
223	223	383	SLU_ENV	Max	0.	38.1643	181.1405	0.209
223	223	384	SLU_ENV	Max	0.	31.1163	147.5028	0.2675
223	223	366	SLU_ENV	Min	0.	10.8457	54.9814	-9.6594
223	223	365	SLU_ENV	Min	0.	10.7786	54.8985	-6.9666
223	223	383	SLU_ENV	Min	0.	10.946	54.9224	-7.3077
223	223	384	SLU_ENV	Min	0.	11.011	55.0074	-10.0005
223	223	366	SLV_Ex		362.8	-57.4414	-289.6341	-0.2725
223	223	365	SLV_Ex		358.93	-18.7327	-95.3965	-1.0288
223	223	383	SLV_Ex		360.27	-17.6022	-94.1862	-0.9817
223	223	384	SLV_Ex		364.13	-56.3259	-288.3994	-0.2255
224	224	384	SLU_ENV	Max	0.	28.5921	148.0085	0.3012
224	224	383	SLU_ENV	Max	0.	34.8536	179.4679	0.1885
224	224	401	SLU_ENV	Max	0.	36.2732	176.1691	0.1612
224	224	402	SLU_ENV	Max	0.	30.0127	144.7308	0.2739
224	224	384	SLU_ENV	Min	0.	10.959	54.9722	-10.0503
224	224	383	SLU_ENV	Min	0.	10.9442	54.9468	-7.2479
224	224	401	SLU_ENV	Min	0.	11.0083	54.9791	-7.1976
224	224	402	SLU_ENV	Min	0.	11.0216	55.0064	-10.0001
224	224	384	SLV_Ex		364.47	-56.8621	-288.3261	-0.2742
224	224	383	SLV_Ex		360.33	-18.2311	-94.4925	-0.7899
224	224	401	SLV_Ex		362.38	-17.5703	-93.6972	-0.7487
224	224	402	SLV_Ex		366.5	-56.2219	-287.5002	-0.2331
225	225	402	SLU_ENV	Max	0.	27.745	145.3559	0.3108
225	225	401	SLU_ENV	Max	0.	33.159	174.4676	0.1367
225	225	419	SLU_ENV	Max	0.	34.1956	171.1331	0.1015
225	225	420	SLU_ENV	Max	0.	28.7941	142.0274	0.2756
225	225	402	SLU_ENV	Min	0.	11.0084	55.0035	-10.007
225	225	401	SLU_ENV	Min	0.	10.9991	54.9775	-7.1834
225	225	419	SLU_ENV	Min	0.	10.9985	55.0184	-6.7761
225	225	420	SLU_ENV	Min	0.	11.0071	55.0457	-9.5998
225	225	402	SLV_Ex		366.6	-56.5438	-287.4381	-0.1337
225	225	401	SLV_Ex		362.37	-17.949	-93.8994	-0.7119
225	225	419	SLV_Ex		362.22	-17.6373	-93.0707	-0.6762
225	225	420	SLV_Ex		366.47	-56.2266	-286.6147	-0.098
226	226	420	SLU_ENV	Max	0.	26.8622	142.7097	0.2994
226	226	419	SLU_ENV	Max	0.	31.3476	169.4948	0.0911
226	226	437	SLU_ENV	Max	0.	31.9376	166.1883	0.1278
226	226	438	SLU_ENV	Max	0.	27.4685	139.4032	0.3361
226	226	420	SLU_ENV	Min	0.	11.0256	55.074	-9.5612

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
226	226	419	SLU_ENV	Min	0.	10.9817	54.9904	-6.8083
226	226	437	SLU_ENV	Min	0.	10.8985	55.0398	-6.0237
226	226	438	SLU_ENV	Min	0.	10.9423	55.1243	-8.7767
226	226	420	SLV_Ex		366.17	-56.3688	-286.5655	-0.1626
226	226	419	SLV_Ex		362.38	-17.7484	-93.1706	-0.4687
226	226	437	SLV_Ex		363.12	-17.8303	-92.7841	-0.4863
226	226	438	SLV_Ex		366.91	-56.4516	-286.1769	-0.1803
227	227	438	SLU_ENV	Max	0.	25.9379	140.0969	0.3839
227	227	437	SLU_ENV	Max	0.	29.521	164.7051	0.092
227	227	455	SLU_ENV	Max	0.	29.4119	161.5854	0.3031
227	227	456	SLU_ENV	Max	0.	25.857	136.9594	0.595
227	227	438	SLU_ENV	Min	0.	11.017	55.1884	-8.6843
227	227	437	SLU_ENV	Min	0.	10.8868	54.9882	-6.1119
227	227	455	SLU_ENV	Min	0.	10.6397	55.0378	-5.0076
227	227	456	SLU_ENV	Min	0.	10.7709	55.2381	-7.5799
227	227	438	SLV_Ex		366.97	-56.2824	-286.1403	0.0013
227	227	437	SLV_Ex		362.63	-17.9222	-92.8051	-0.5336
227	227	455	SLV_Ex		358.91	-18.4559	-92.1804	-0.3043
227	227	456	SLV_Ex		363.33	-56.7837	-285.5592	0.2306
228	228	456	SLU_ENV	Max	0.	24.914	137.5956	0.7262
228	228	455	SLU_ENV	Max	0.	27.2635	160.3242	0.1832
228	228	473	SLU_ENV	Max	0.	25.9561	157.6888	1.0013
228	228	474	SLU_ENV	Max	0.	23.6779	134.9259	1.5443
228	228	456	SLU_ENV	Min	0.	10.9358	55.3243	-7.3825
228	228	455	SLU_ENV	Min	0.	10.5212	54.9676	-5.2015
228	228	473	SLU_ENV	Min	0.	9.9734	55.093	-3.6782
228	228	474	SLU_ENV	Min	0.	10.3575	55.4465	-5.8593
228	228	456	SLV_Ex		361.04	-56.5868	-285.5796	0.4226
228	228	455	SLV_Ex		359.09	-18.4247	-92.1144	-0.3547
228	228	473	SLV_Ex		353.89	-19.4838	-91.2741	0.08
228	228	474	SLV_Ex		355.96	-57.6138	-284.7841	0.8572
229	229	474	SLU_ENV	Max	0.	23.7399	135.2837	1.606
229	229	473	SLU_ENV	Max	0.	25.0624	156.8845	0.9476
229	229	491	SLU_ENV	Max	0.	21.458	154.5334	2.9665
229	229	492	SLU_ENV	Max	0.	20.3034	132.8604	3.6249
229	229	474	SLU_ENV	Min	0.	10.23	55.4723	-5.6658
229	229	473	SLU_ENV	Min	0.	8.8015	55.0875	-3.8694
229	229	491	SLU_ENV	Min	0.	8.0895	55.1232	-1.8724
229	229	492	SLU_ENV	Min	0.	9.4153	55.4961	-3.6688
229	229	474	SLV_Ex		353.64	-56.4837	-284.7114	1.5215
229	229	473	SLV_Ex		350.97	-20.5523	-91.3345	-0.456
229	229	491	SLV_Ex		338.51	-21.7843	-88.8945	2.045
229	229	492	SLV_Ex		340.99	-57.6175	-282.4019	4.0226
230	230	492	SLU_ENV	Max	0.	20.7403	132.1956	4.1567
230	230	491	SLU_ENV	Max	0.	19.1814	154.5053	2.4353
230	230	509	SLU_ENV	Max	0.	13.5203	153.8124	7.4154
230	230	510	SLU_ENV	Max	0.	15.1664	131.3466	9.1368
230	230	492	SLU_ENV	Min	0.	8.8414	55.1338	-3.2115
230	230	491	SLU_ENV	Min	0.	6.1312	55.3041	-2.3297
230	230	509	SLU_ENV	Min	0.	4.6038	55.7846	0.7917
230	230	510	SLU_ENV	Min	0.	7.353	55.5679	-0.0901
230	230	492	SLV_Ex		336.84	-55.5666	-281.3131	4.1179
230	230	491	SLV_Ex		347.17	-17.8641	-88.7891	2.1019
230	230	509	SLV_Ex		384.16	-17.2984	-85.9784	2.8003

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
230	230	510	SLV_Ex		374.54	-54.9397	-278.5625	4.8164
231	231	975	SLU_ENV	Max	0.	-59.2874	-10.8677	-7.9559
231	231	974	SLU_ENV	Max	0.	-57.8437	-7.5682	-3.9457
231	231	976	SLU_ENV	Max	0.	35.5291	9.19	-4.6236
231	231	977	SLU_ENV	Max	0.	31.4327	-1.6865	-8.6338
231	231	975	SLU_ENV	Min	0.	-417.2397	-71.5603	-46.2374
231	231	974	SLU_ENV	Min	0.	-404.9577	-51.599	-26.9267
231	231	976	SLU_ENV	Min	0.	5.3642	1.6756	-34.3016
231	231	977	SLU_ENV	Min	0.	-3.7653	-11.1762	-53.6122
231	231	975	SLV_Ex		113.94	-575.1622	-48.2106	-10.0075
231	231	974	SLV_Ex		324.51	-585.0718	-84.3148	-2.3026
231	231	976	SLV_Ex		291.76	-316.773	-40.9213	0.0162
231	231	977	SLV_Ex		354.29	-307.2295	-4.9163	-7.6887
232	232	977	SLU_ENV	Max	0.	28.8623	-0.7576	-9.1093
232	232	976	SLU_ENV	Max	0.	29.7935	1.0945	-4.1624
232	232	978	SLU_ENV	Max	0.	305.429	31.3631	-3.8177
232	232	979	SLU_ENV	Max	0.	309.9907	19.3228	-8.7646
232	232	977	SLU_ENV	Min	0.	-12.3285	-10.0694	-56.943
232	232	976	SLU_ENV	Min	0.	-16.9934	-0.11	-31.0718
232	232	978	SLU_ENV	Min	0.	57.3736	3.1829	-25.7669
232	232	979	SLU_ENV	Min	0.	57.6952	2.2639	-51.638
232	232	977	SLV_Ex		123.31	-320.895	-21.6781	-13.3962
232	232	976	SLV_Ex		201.16	-300.4363	-23.6253	5.6023
232	232	978	SLV_Ex		145.36	-93.0312	-4.7099	-11.5142
232	232	979	SLV_Ex		87.63	-112.989	-3.3012	-30.5127
233	233	979	SLU_ENV	Max	0.	309.0479	8.4863	-8.073
233	233	978	SLU_ENV	Max	0.	300.5022	42.577	-4.5003
233	233	980	SLU_ENV	Max	0.	526.1237	64.3404	-1.6951
233	233	981	SLU_ENV	Max	0.	535.0829	27.8718	-5.2678
233	233	979	SLU_ENV	Min	0.	59.3844	1.0946	-48.5498
233	233	978	SLU_ENV	Min	0.	56.1297	2.89	-28.782
233	233	980	SLU_ENV	Min	0.	82.9438	4.0171	-15.4933
233	233	981	SLU_ENV	Min	0.	86.3043	3.6682	-35.2611
233	233	979	SLV_Ex		126.63	-94.3363	-2.1168	-32.1388
233	233	978	SLV_Ex		137.18	-94.0119	-2.3599	-9.8918
233	233	980	SLV_Ex		142.77	69.6031	3.9158	-9.9419
233	233	981	SLV_Ex		134.06	69.7977	3.6248	-32.1889
234	234	981	SLU_ENV	Max	0.	540.9737	27.6592	-4.0497
234	234	980	SLU_ENV	Max	0.	518.2155	64.1494	-2.9
234	234	982	SLU_ENV	Max	0.	558.182	64.6164	3.1582
234	234	983	SLU_ENV	Max	0.	581.5244	27.9303	-0.5786
234	234	981	SLU_ENV	Min	0.	86.9295	3.8094	-28.5199
234	234	980	SLU_ENV	Min	0.	82.8202	3.9762	-22.1321
234	234	982	SLU_ENV	Min	0.	91.7241	4.3968	0.5711
234	234	983	SLU_ENV	Min	0.	95.8725	4.1913	-3.2296
234	234	981	SLV_Ex		152.33	79.2361	4.7053	-29.0973
234	234	980	SLV_Ex		149.21	73.862	5.5748	-13.0205
234	234	982	SLV_Ex		146.34	191.8835	10.1157	-8.1678
234	234	983	SLV_Ex		150.35	197.7175	8.7796	-24.2446
235	235	983	SLU_ENV	Max	0.	581.5265	27.9306	3.232
235	235	982	SLU_ENV	Max	0.	558.1827	64.6167	-0.5709
235	235	984	SLU_ENV	Max	0.	518.213	64.1499	22.1349
235	235	985	SLU_ENV	Max	0.	540.9726	27.6596	28.5234
235	235	983	SLU_ENV	Min	0.	95.8728	4.1913	0.579

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
235	235	982	SLU_ENV	Min	0.	91.7243	4.3969	-3.1564
235	235	984	SLU_ENV	Min	0.	82.8196	3.9762	2.9004
235	235	985	SLU_ENV	Min	0.	86.9291	3.8094	4.0502
235	235	983	SLV_Ex		168.16	204.8918	9.6652	-21.142
235	235	982	SLV_Ex		152.96	194.3842	11.1651	-11.235
235	235	984	SLV_Ex		155.02	265.7732	13.6982	-2.0876
235	235	985	SLV_Ex		170.03	276.5661	11.9068	-11.9946
236	236	985	SLU_ENV	Max	0.	535.0828	27.8726	35.2626
236	236	984	SLU_ENV	Max	0.	526.1271	64.3418	15.4982
236	236	986	SLU_ENV	Max	0.	300.5018	42.5736	28.784
236	236	987	SLU_ENV	Max	0.	309.0438	8.4839	48.5484
236	236	985	SLU_ENV	Min	0.	86.3042	3.6683	5.2681
236	236	984	SLU_ENV	Min	0.	82.9442	4.0173	1.6959
236	236	986	SLU_ENV	Min	0.	56.1292	2.8894	4.5006
236	236	987	SLU_ENV	Min	0.	59.3833	1.0923	8.0728
236	236	985	SLV_Ex		196.07	279.6727	12.0044	-8.8154
236	236	984	SLV_Ex		160.86	268.2562	14.7184	-5.2196
236	236	986	SLV_Ex		161.52	291.8298	15.1433	4.7693
236	236	987	SLV_Ex		196.84	303.2951	12.3686	1.1735
237	237	987	SLU_ENV	Max	0.	309.9884	19.319	51.6408
237	237	986	SLU_ENV	Max	0.	305.4283	31.3597	25.7647
237	237	988	SLU_ENV	Max	0.	29.7889	1.0956	31.0683
237	237	989	SLU_ENV	Max	0.	28.8566	-0.7575	56.9444
237	237	987	SLU_ENV	Min	0.	57.6945	2.2633	8.765
237	237	986	SLU_ENV	Min	0.	57.3732	3.1824	3.8174
237	237	988	SLU_ENV	Min	0.	-16.9956	-0.1093	4.1618
237	237	989	SLU_ENV	Min	0.	-12.3316	-10.0682	9.1095
237	237	987	SLV_Ex		242.99	305.7948	11.3323	6.6745
237	237	986	SLV_Ex		158.06	290.9184	16.4973	-0.6898
237	237	988	SLV_Ex		171.99	264.2294	19.93	12.4875
237	237	989	SLV_Ex		246.9	278.9468	14.8906	19.8517
238	238	989	SLU_ENV	Max	0.	31.429	-1.6859	53.6085
238	238	988	SLU_ENV	Max	0.	35.5245	9.1894	34.3032
238	238	990	SLU_ENV	Max	0.	-57.8462	-7.5697	26.9289
238	238	991	SLU_ENV	Max	0.	-59.2896	-10.8684	46.2342
238	238	989	SLU_ENV	Min	0.	-3.7671	-11.1723	8.6332
238	238	988	SLU_ENV	Min	0.	5.3616	1.6754	4.6238
238	238	990	SLU_ENV	Min	0.	-404.9697	-51.6078	3.946
238	238	991	SLU_ENV	Min	0.	-417.2503	-71.5646	7.9554
238	238	989	SLV_Ex		428.45	249.6452	-1.3698	21.1695
238	238	988	SLV_Ex		159.6	277.7719	33.0386	11.2366
238	238	990	SLV_Ex		176.64	178.3395	26.0578	-8.5704
238	238	991	SLV_Ex		394.86	149.5814	-7.9814	1.3625
239	239	510	SLU_ENV	Max	0.	9.6686	128.8581	11.2047
239	239	509	SLU_ENV	Max	0.	7.9307	154.1084	5.3522
239	239	527	SLU_ENV	Max	0.	3.9681	159.9635	11.1739
239	239	528	SLU_ENV	Max	0.	5.9884	134.5041	17.0264
239	239	510	SLU_ENV	Min	0.	4.3499	54.3314	1.2356
239	239	509	SLU_ENV	Min	0.	2.3096	55.9365	-0.5283
239	239	527	SLU_ENV	Min	0.	1.1454	59.2659	2.127
239	239	528	SLU_ENV	Min	0.	3.0701	57.5982	3.8909
239	239	510	SLV_Ex		392.31	-28.672	-272.6306	-4.195
239	239	509	SLV_Ex		382.58	-6.9618	-84.5894	11.883
239	239	527	SLV_Ex		436.1	-6.1407	-105.3629	26.6155

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
239	239	528	SLV_Ex		441.9	-27.4472	-293.9017	10.5375
240	240	748	SLU_ENV	Max	0.	6.9548	211.3048	-2.3172
240	240	747	SLU_ENV	Max	0.	8.5389	254.7954	-0.4271
240	240	731	SLU_ENV	Max	0.	10.9759	244.191	-0.2937
240	240	732	SLU_ENV	Max	0.	9.1204	200.9783	-2.1839
240	240	748	SLU_ENV	Min	0.	1.8343	57.9627	-19.4269
240	240	747	SLU_ENV	Min	0.	1.7833	58.5854	-10.3244
240	240	731	SLU_ENV	Min	0.	2.3348	56.4109	-4.5476
240	240	732	SLU_ENV	Min	0.	2.3606	55.8152	-13.6501
240	240	748	SLV_Ex		353.06	-4.8552	-94.9337	-33.8013
240	240	747	SLV_Ex		353.02	2.332	88.6882	-33.9283
240	240	731	SLV_Ex		355.17	2.7624	88.6015	-9.6548
240	240	732	SLV_Ex		354.91	-4.9786	-94.4808	-9.5278
241	241	732	SLU_ENV	Max	0.	20.2647	203.874	-2.0019
241	241	731	SLU_ENV	Max	0.	24.8768	246.3043	-0.4772
241	241	715	SLU_ENV	Max	0.	29.7009	237.516	0.0263
241	241	716	SLU_ENV	Max	0.	24.8951	195.2925	-1.4983
241	241	732	SLU_ENV	Min	0.	5.6211	56.5447	-13.1018
241	241	731	SLU_ENV	Min	0.	5.075	56.8814	-5.0794
241	241	715	SLU_ENV	Min	0.	6.1535	55.2571	-1.9637
241	241	716	SLU_ENV	Min	0.	6.6851	54.9369	-9.986
241	241	732	SLV_Ex		356.45	-18.919	-96.9537	-8.5018
241	241	731	SLV_Ex		353.39	8.857	89.5052	-10.5917
241	241	715	SLV_Ex		347.56	10.5721	92.1593	-2.8928
241	241	716	SLV_Ex		350.49	-17.5408	-93.9737	-0.8028
242	242	716	SLU_ENV	Max	0.	30.1704	197.133	-1.0601
242	242	715	SLU_ENV	Max	0.	36.4114	238.0727	-0.4116
242	242	328	SLU_ENV	Max	0.	40.3837	232.6672	0.3451
242	242	329	SLU_ENV	Max	0.	33.9516	191.8776	-0.5934
242	242	716	SLU_ENV	Min	0.	8.2545	55.3338	-8.7896
242	242	715	SLU_ENV	Min	0.	7.6499	55.4733	-3.1385
242	242	328	SLU_ENV	Min	0.	8.5795	54.9498	-2.0637
242	242	329	SLU_ENV	Min	0.	9.1666	54.824	-7.4248
242	242	716	SLV_Ex		342.99	-23.6279	-95.1263	-2.7349
242	242	715	SLV_Ex		348.49	13.1849	92.6171	-0.8785
242	242	328	SLV_Ex		340.75	14.7395	90.8549	-0.4459
242	242	329	SLV_Ex		335.29	-22.2202	-96.7834	-2.3023
243	243	329	SLU_ENV	Max	0.	34.949	193.0059	-0.3848
243	243	328	SLU_ENV	Max	0.	42.6904	232.1997	-0.1547
243	243	346	SLU_ENV	Max	0.	45.6548	226.9191	0.2398
243	243	347	SLU_ENV	Max	0.	37.7944	187.9048	-0.2054
243	243	329	SLU_ENV	Min	0.	9.5112	54.957	-6.7733
243	243	328	SLU_ENV	Min	0.	9.3266	55.0351	-2.4023
243	243	346	SLU_ENV	Min	0.	10.1204	54.8843	-2.6134
243	243	347	SLU_ENV	Min	0.	10.2982	54.8158	-6.7694
243	243	329	SLV_Ex		337.66	-21.6437	-96.6442	-1.6298
243	243	328	SLV_Ex		335.78	15.7719	91.0375	-0.9982
243	243	346	SLV_Ex		340.23	17.4352	90.4706	-1.0044
243	243	347	SLV_Ex		341.64	-20.0627	-97.0974	-1.636
244	244	347	SLU_ENV	Max	0.	37.3054	188.8418	-0.0673
244	244	346	SLU_ENV	Max	0.	44.8882	225.7309	-0.0526
244	244	364	SLU_ENV	Max	0.	45.9384	220.6653	0.1162
244	244	365	SLU_ENV	Max	0.	38.2539	183.9339	0.1015
244	244	347	SLU_ENV	Min	0.	10.3664	54.8468	-6.5831

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
244	244	346	SLU_ENV	Min	0.	10.2919	54.9012	-2.6216
244	244	364	SLU_ENV	Min	0.	10.7326	54.9226	-2.9771
244	244	365	SLU_ENV	Min	0.	10.8028	54.8739	-6.9386
244	244	347	SLV_Ex		342.01	-19.78	-96.7923	-1.1242
244	244	346	SLV_Ex		339.14	17.6293	90.2609	-1.3905
244	244	364	SLV_Ex		337.9	18.7429	90.8108	-1.4739
244	244	365	SLV_Ex		340.81	-18.6933	-96.2	-1.2077
245	245	365	SLU_ENV	Max	0.	37.2089	184.8001	0.1725
245	245	364	SLU_ENV	Max	0.	44.1837	219.2391	0.0578
245	245	382	SLU_ENV	Max	0.	43.9862	213.6335	0.0473
245	245	383	SLU_ENV	Max	0.	36.9117	179.3508	0.162
245	245	365	SLU_ENV	Min	0.	10.7544	54.8662	-7.0824
245	245	364	SLU_ENV	Min	0.	10.75	54.924	-2.8205
245	245	382	SLU_ENV	Min	0.	10.96	54.9668	-2.9492
245	245	383	SLU_ENV	Min	0.	10.9618	54.9124	-7.2111
245	245	365	SLV_Ex		341.3	-18.6262	-95.9147	-1.079
245	245	364	SLV_Ex		337.54	18.3987	90.4701	-1.4652
245	245	382	SLV_Ex		340.28	19.0287	91.0794	-1.3207
245	245	383	SLV_Ex		343.99	-18.0269	-95.2589	-0.9345
246	246	383	SLU_ENV	Max	0.	35.952	180.26	0.1969
246	246	382	SLU_ENV	Max	0.	42.2132	212.1777	0.0245
246	246	400	SLU_ENV	Max	0.	41.354	206.3149	-0.0111
246	246	401	SLU_ENV	Max	0.	35.0065	174.5355	0.1539
246	246	383	SLU_ENV	Min	0.	10.9318	54.9067	-7.2779
246	246	382	SLU_ENV	Min	0.	10.9413	54.9628	-2.8733
246	246	400	SLU_ENV	Min	0.	11.0174	55.0032	-2.7887
246	246	401	SLU_ENV	Min	0.	11.0066	54.9487	-7.1859
246	246	383	SLV_Ex		344.07	-18.1857	-95.0633	-0.8298
246	246	382	SLV_Ex		340.21	18.7762	90.8016	-1.2961
246	246	400	SLV_Ex		339.96	19.0936	91.4796	-1.1703
246	246	401	SLV_Ex		343.83	-17.867	-94.3831	-0.704
247	247	974	SLU_ENV	Max	0.	-57.3876	-14.8056	-4.3202
247	247	780	SLU_ENV	Max	0.	-56.6656	-10.6735	-2.7909
247	247	782	SLU_ENV	Max	0.	30.3064	10.8655	-2.6878
247	247	976	SLU_ENV	Max	0.	28.6034	-2.9811	-4.2171
247	247	974	SLU_ENV	Min	0.	-405.29	-103.2636	-28.7359
247	247	780	SLU_ENV	Min	0.	-394.753	-70.1218	-27.377
247	247	782	SLU_ENV	Min	0.	2.6567	1.1439	-30.9532
247	247	976	SLU_ENV	Min	0.	-6.8106	-22.1355	-32.3121
247	247	974	SLV_Ex		229.07	-603.997	-112.3445	-1.8141
247	247	780	SLV_Ex		177.59	-607.2247	-119.9374	-3.0265
247	247	782	SLV_Ex		181.88	-308.7016	-58.7565	-1.4702
247	247	976	SLV_Ex		255.73	-305.5013	-51.159	-0.2578
248	248	976	SLU_ENV	Max	0.	29.8817	-1.7634	-4.2983
248	248	782	SLU_ENV	Max	0.	29.612	0.2061	-2.6134
248	248	784	SLU_ENV	Max	0.	303.2213	63.4646	-1.9837
248	248	978	SLU_ENV	Max	0.	304.317	48.4666	-3.6686
248	248	976	SLU_ENV	Min	0.	-15.6123	-15.7353	-29.9982
248	248	782	SLU_ENV	Min	0.	-16.4749	-1.2845	-33.315
248	248	784	SLU_ENV	Min	0.	56.678	6.8213	-30.0751
248	248	978	SLU_ENV	Min	0.	57.1231	5.097	-26.7583
248	248	976	SLV_Ex		161.89	-307.4935	-53.2341	-1.4508
248	248	782	SLV_Ex		199.75	-304.4853	-56.2365	-0.3144
248	248	784	SLV_Ex		199.76	-90.4769	-14.7791	-3.2469

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
248	248	978	SLV_Ex		170.19	-93.3456	-11.9592	-4.3833
249	249	978	SLU_ENV	Max	0.	292.8269	49.7957	-3.6519
249	249	784	SLU_ENV	Max	0.	280.4	55.2732	-2.0001
249	249	786	SLU_ENV	Max	0.	529.7612	106.7349	-0.882
249	249	980	SLU_ENV	Max	0.	542.561	100.9316	-2.5338
249	249	978	SLU_ENV	Min	0.	56.8907	5.4325	-27.797
249	249	784	SLU_ENV	Min	0.	55.7466	6.2531	-29.0375
249	249	786	SLU_ENV	Min	0.	82.4377	9.6306	-17.5901
249	249	980	SLU_ENV	Min	0.	83.6393	8.7564	-16.3495
249	249	978	SLV_Ex		154.12	-96.4001	-14.1154	-8.1387
249	249	784	SLV_Ex		172.28	-91.915	-13.5214	0.4776
249	249	786	SLV_Ex		157.34	74.7597	9.604	-3.0005
249	249	980	SLV_Ex		141.98	70.5925	8.6769	-11.6167
250	250	980	SLU_ENV	Max	0.	537.8506	101.7973	-2.0143
250	250	786	SLU_ENV	Max	0.	517.74	102.5229	-1.3941
250	250	788	SLU_ENV	Max	0.	533.4018	103.2306	1.075
250	250	982	SLU_ENV	Max	0.	553.6351	102.4094	-0.2663
250	250	980	SLU_ENV	Min	0.	83.8682	8.9087	-17.9772
250	250	786	SLU_ENV	Min	0.	81.9399	9.4246	-15.9122
250	250	788	SLU_ENV	Min	0.	90.8207	10.4646	0.2568
250	250	982	SLU_ENV	Min	0.	92.7692	9.9294	-1.0869
250	250	980	SLV_Ex		148.99	74.3669	8.4154	-11.3409
250	250	786	SLV_Ex		146.89	73.052	10.2789	-3.267
250	250	788	SLV_Ex		150.64	192.8395	24.6676	-1.724
250	250	982	SLV_Ex		152.87	194.4275	22.5197	-9.798
251	251	982	SLU_ENV	Max	0.	553.6354	102.4094	1.089
251	251	788	SLU_ENV	Max	0.	533.4053	103.2313	-0.2542
251	251	790	SLU_ENV	Max	0.	517.7406	102.5217	15.9144
251	251	984	SLU_ENV	Max	0.	537.848	101.7954	17.9783
251	251	982	SLU_ENV	Min	0.	92.7693	9.9294	0.2684
251	251	788	SLU_ENV	Min	0.	90.8213	10.4647	-1.0724
251	251	790	SLU_ENV	Min	0.	81.9397	9.4243	1.3944
251	251	984	SLU_ENV	Min	0.	83.8675	8.9084	2.0144
251	251	982	SLV_Ex		157.93	196.3342	22.1872	-8.3247
251	251	788	SLV_Ex		143.6	193.0557	25.4246	-3.1763
251	251	790	SLV_Ex		139.29	265.9331	33.9012	0.1808
251	251	984	SLV_Ex		154.58	269.3839	30.4795	-4.9676
252	252	984	SLU_ENV	Max	0.	542.5641	100.9302	16.3518
252	252	790	SLU_ENV	Max	0.	529.7616	106.7344	17.591
252	252	792	SLU_ENV	Max	0.	280.3973	55.2738	29.0408
252	252	986	SLU_ENV	Max	0.	292.8268	49.7953	27.8016
252	252	984	SLU_ENV	Min	0.	83.6396	8.7562	2.5341
252	252	790	SLU_ENV	Min	0.	82.4376	9.6305	0.8821
252	252	792	SLU_ENV	Min	0.	55.7457	6.2531	2.0006
252	252	986	SLU_ENV	Min	0.	56.8902	5.4324	3.6526
252	252	984	SLV_Ex		160.89	270.5058	29.6918	-2.7469
252	252	790	SLV_Ex		129.08	265.4829	34.8232	-2.0122
252	252	792	SLV_Ex		134.	291.2715	39.122	3.047
252	252	986	SLV_Ex		164.26	296.3326	33.9319	2.3123
253	253	986	SLU_ENV	Max	0.	304.3155	48.4658	26.7589
253	253	792	SLU_ENV	Max	0.	303.2288	63.4673	30.0824
253	253	794	SLU_ENV	Max	0.	29.6121	0.2027	33.3153
253	253	988	SLU_ENV	Max	0.	29.8765	-1.7649	29.9918
253	253	986	SLU_ENV	Min	0.	57.1226	5.0969	3.6687

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
253	253	792	SLU_ENV	Min	0.	56.6788	6.8217	1.9849
253	253	794	SLU_ENV	Min	0.	-16.4724	-1.2886	2.6135
253	253	988	SLU_ENV	Min	0.	-15.615	-15.745	4.2973
253	253	986	SLV_Ex		161.87	291.1692	30.982	5.4953
253	253	792	SLV_Ex		107.79	292.1681	41.2185	-0.0953
253	253	794	SLV_Ex		93.28	270.7558	43.5775	0.6918
253	253	988	SLV_Ex		151.04	269.5815	33.46	6.2825
254	254	988	SLU_ENV	Max	0.	28.6011	-2.9823	32.3127
254	254	794	SLU_ENV	Max	0.	30.3026	10.8566	30.9465
254	254	796	SLU_ENV	Max	0.	-56.6692	-10.6741	27.3729
254	254	990	SLU_ENV	Max	0.	-57.3908	-14.8059	28.7391
254	254	988	SLU_ENV	Min	0.	-6.8115	-22.1435	4.2172
254	254	794	SLU_ENV	Min	0.	2.6541	1.1424	2.6869
254	254	796	SLU_ENV	Min	0.	-394.7715	-70.1235	2.7903
254	254	990	SLU_ENV	Min	0.	-405.3054	-103.2646	4.3206
254	254	988	SLV_Ex		120.43	262.7599	27.7674	5.8241
254	254	794	SLV_Ex		94.07	276.6541	49.0854	1.1761
254	254	796	SLV_Ex		183.4	205.1921	40.8201	-7.8011
254	254	990	SLV_Ex		144.13	191.0305	19.7243	-3.1531
255	255	401	SLU_ENV	Max	0.	34.2743	175.4572	0.1397
255	255	400	SLU_ENV	Max	0.	39.7541	204.9268	0.0092
255	255	418	SLU_ENV	Max	0.	38.5404	198.983	-0.0098
255	255	419	SLU_ENV	Max	0.	32.9802	169.6426	0.0985
255	255	401	SLU_ENV	Min	0.	11.0016	54.9514	-7.1692
255	255	400	SLU_ENV	Min	0.	11.0116	54.9984	-2.7904
255	255	418	SLU_ENV	Min	0.	10.9912	55.014	-2.4523
255	255	419	SLU_ENV	Min	0.	10.9806	54.9678	-6.8089
255	255	401	SLV_Ex		343.82	-17.952	-94.257	-0.7565
255	255	400	SLV_Ex		340.05	18.9484	91.3075	-0.98
255	255	418	SLV_Ex		341.66	19.0288	91.6114	-0.8581
255	255	419	SLV_Ex		345.42	-17.8797	-93.9402	-0.6345
256	256	419	SLU_ENV	Max	0.	32.4041	170.5165	0.1195
256	256	418	SLU_ENV	Max	0.	37.2402	197.7339	-0.0145
256	256	436	SLU_ENV	Max	0.	35.7394	192.0864	-0.0131
256	256	437	SLU_ENV	Max	0.	30.8419	164.9707	0.1007
256	256	419	SLU_ENV	Min	0.	11.0002	54.9794	-6.6891
256	256	418	SLU_ENV	Min	0.	11.0051	55.0091	-2.572
256	256	436	SLU_ENV	Min	0.	10.8708	55.0151	-2.0627
256	256	437	SLU_ENV	Min	0.	10.8667	54.9845	-6.1596
256	256	419	SLV_Ex		345.58	-17.8708	-93.8809	-0.5493
256	256	418	SLV_Ex		341.58	18.993	91.5467	-0.8142
256	256	436	SLV_Ex		339.84	18.8325	91.8818	-0.6656
256	256	437	SLV_Ex		343.87	-18.0084	-93.576	-0.4007
257	257	437	SLU_ENV	Max	0.	30.472	165.7466	0.1288
257	257	436	SLU_ENV	Max	0.	34.5896	191.0066	-0.0268
257	257	454	SLU_ENV	Max	0.	32.6588	185.8966	0.0628
257	257	455	SLU_ENV	Max	0.	28.4951	160.7146	0.2668
257	257	437	SLU_ENV	Min	0.	10.9236	55.0035	-5.9354
257	257	436	SLU_ENV	Min	0.	10.8657	55.0064	-2.2858
257	257	454	SLU_ENV	Min	0.	10.5391	55.011	-1.5016
257	257	455	SLU_ENV	Min	0.	10.5994	55.0053	-5.1996
257	257	437	SLV_Ex		343.33	-18.1407	-93.5922	-0.3729
257	257	436	SLV_Ex		340.18	18.9997	91.905	-0.5563
257	257	454	SLV_Ex		342.16	18.4726	92.0547	-0.6523

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
257	257	455	SLV_Ex		345.31	-18.6517	-93.4648	-0.4689
258	258	455	SLU_ENV	Max	0.	27.9852	161.2848	0.4476
258	258	454	SLU_ENV	Max	0.	31.582	185.0091	-0.0269
258	258	472	SLU_ENV	Max	0.	28.9307	180.9768	0.1826
258	258	473	SLU_ENV	Max	0.	25.3488	157.292	0.7372
258	258	455	SLU_ENV	Min	0.	10.5879	55.0051	-4.8653
258	258	454	SLU_ENV	Min	0.	10.4834	54.9977	-1.9152
258	258	472	SLU_ENV	Min	0.	9.8381	55.0851	-0.9973
258	258	473	SLU_ENV	Min	0.	9.9113	55.0868	-4.0275
258	258	455	SLV_Ex		345.39	-18.7566	-93.4854	-0.1516
258	258	454	SLV_Ex		342.58	18.2732	92.0145	-0.8443
258	258	472	SLV_Ex		338.96	17.2288	92.771	-0.8094
258	258	473	SLV_Ex		342.22	-19.7346	-92.8168	-0.1168
259	259	473	SLU_ENV	Max	0.	24.8313	157.4984	1.2705
259	259	472	SLU_ENV	Max	0.	27.0827	180.1276	-0.1039
259	259	490	SLU_ENV	Max	0.	23.946	178.245	1.0306
259	259	491	SLU_ENV	Max	0.	21.7386	155.604	2.6427
259	259	473	SLU_ENV	Min	0.	9.3756	55.0061	-3.5102
259	259	472	SLU_ENV	Min	0.	8.7773	55.0162	-1.7532
259	259	490	SLU_ENV	Min	0.	7.2744	55.4837	-0.2474
259	259	491	SLU_ENV	Min	0.	7.8535	55.4582	-2.2421
259	259	473	SLV_Ex		339.24	-20.7086	-92.8181	0.7872
259	259	472	SLV_Ex		343.93	16.3011	92.392	-1.5805
259	259	490	SLV_Ex		351.02	14.7726	95.2733	-1.5711
259	259	491	SLV_Ex		346.25	-22.154	-90.0412	0.7967
260	260	491	SLU_ENV	Max	0.	18.3339	155.0379	3.7643
260	260	490	SLU_ENV	Max	0.	19.6471	177.2173	-0.0804
260	260	508	SLU_ENV	Max	0.	15.9359	179.1812	2.2311
260	260	509	SLU_ENV	Max	0.	14.6832	156.9473	6.0757
260	260	491	SLU_ENV	Min	0.	6.3734	55.0901	-1.4285
260	260	490	SLU_ENV	Min	0.	5.6084	55.2757	-1.0607
260	260	508	SLU_ENV	Min	0.	4.1663	56.9141	0.2469
260	260	509	SLU_ENV	Min	0.	4.9224	56.7119	-0.1208
260	260	491	SLV_Ex		353.92	-17.263	-88.8426	-0.9509
260	260	490	SLV_Ex		350.83	12.0257	94.5035	0.2767
260	260	508	SLV_Ex		360.88	10.1193	92.6913	7.1222
260	260	509	SLV_Ex		364.19	-18.9107	-90.9809	5.8947
261	261	509	SLU_ENV	Max	0.	6.8185	155.4354	6.7424
261	261	508	SLU_ENV	Max	0.	7.4871	177.7181	1.5698
261	261	526	SLU_ENV	Max	0.	5.4551	182.6284	4.645
261	261	527	SLU_ENV	Max	0.	4.8926	160.2176	9.7709
261	261	509	SLU_ENV	Min	0.	2.2488	55.939	0.4172
261	261	508	SLU_ENV	Min	0.	2.0692	56.4452	-0.2925
261	261	526	SLU_ENV	Min	0.	1.3303	58.8379	0.4198
261	261	527	SLU_ENV	Min	0.	1.5178	58.302	1.1762
261	261	509	SLV_Ex		362.52	-5.2086	-88.249	6.6388
261	261	508	SLV_Ex		363.3	3.3896	91.3538	6.4765
261	261	526	SLV_Ex		363.98	2.9202	91.8069	31.7111
261	261	527	SLV_Ex		363.53	-5.2275	-88.3712	31.8734
262	262	747	SLU_ENV	Max	0.	9.5009	261.2593	-0.3523
262	262	746	SLU_ENV	Max	0.	10.9034	301.162	1.9756
262	262	730	SLU_ENV	Max	0.	13.4734	287.1522	7.3232
262	262	731	SLU_ENV	Max	0.	11.9416	247.3658	-0.3615
262	262	747	SLU_ENV	Min	0.	1.8223	58.864	-10.1219

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
262	262	746	SLU_ENV	Min	0.	1.7931	58.642	1.6063
262	262	730	SLU_ENV	Min	0.	2.3442	56.3386	1.6534
262	262	731	SLU_ENV	Min	0.	2.3797	56.552	-4.7179
262	262	747	SLV_Ex		302.14	3.3526	100.4132	-32.7331
262	262	746	SLV_Ex		295.73	11.4596	274.2057	-26.2029
262	262	730	SLV_Ex		323.07	13.6295	266.503	-4.3105
262	262	731	SLV_Ex		328.68	5.0073	93.2041	-10.8407
263	263	731	SLU_ENV	Max	0.	25.4664	249.6416	-0.0871
263	263	730	SLU_ENV	Max	0.	32.9365	291.474	6.4815
263	263	714	SLU_ENV	Max	0.	37.5784	279.9115	7.124
263	263	715	SLU_ENV	Max	0.	29.9255	238.2497	-0.3608
263	263	731	SLU_ENV	Min	0.	5.0764	56.9661	-3.8381
263	263	730	SLU_ENV	Min	0.	5.4243	57.0799	1.3811
263	263	714	SLU_ENV	Min	0.	6.5578	55.5419	1.1074
263	263	715	SLU_ENV	Min	0.	6.2038	55.4312	-3.1955
263	263	731	SLV_Ex		326.67	8.2223	93.4817	-10.339
263	263	730	SLV_Ex		331.81	34.8579	271.1141	-4.7316
263	263	714	SLV_Ex		346.38	37.9954	264.8464	2.4727
263	263	715	SLV_Ex		340.54	11.0669	87.4835	-3.1347
264	264	715	SLU_ENV	Max	0.	37.0994	239.4932	0.0027
264	264	714	SLU_ENV	Max	0.	46.9771	281.9824	5.8432
264	264	327	SLU_ENV	Max	0.	49.9215	274.1138	4.6937
264	264	328	SLU_ENV	Max	0.	39.8064	231.7999	-0.3036
264	264	715	SLU_ENV	Min	0.	7.6678	55.611	-1.9354
264	264	714	SLU_ENV	Min	0.	8.0706	55.9575	0.7973
264	264	327	SLU_ENV	Min	0.	8.9852	55.2216	0.544
264	264	328	SLU_ENV	Min	0.	8.5752	54.8795	-3.0319
264	264	715	SLV_Ex		341.61	12.0267	87.3193	-0.4244
264	264	714	SLV_Ex		338.72	48.4867	267.3008	-0.1464
264	264	327	SLV_Ex		339.84	50.8137	267.3837	-0.6253
264	264	328	SLV_Ex		340.95	14.1729	87.5285	-0.9033
265	265	328	SLU_ENV	Max	0.	43.7648	233.0685	0.1452
265	265	327	SLU_ENV	Max	0.	52.4447	274.1415	3.8238
265	265	345	SLU_ENV	Max	0.	53.3321	266.3066	3.2745
265	265	346	SLU_ENV	Max	0.	44.4698	225.498	-0.1068
265	265	328	SLU_ENV	Min	0.	9.337	54.9945	-2.2987
265	265	327	SLU_ENV	Min	0.	9.4984	55.3616	0.2633
265	265	345	SLU_ENV	Min	0.	10.2467	55.1287	0.1789
265	265	346	SLU_ENV	Min	0.	10.0791	54.7703	-2.6803
265	265	328	SLV_Ex		336.85	15.3863	87.6777	-0.5661
265	265	327	SLV_Ex		334.44	52.242	267.7629	-0.8602
265	265	345	SLV_Ex		320.96	53.6315	268.3906	-1.7222
265	265	346	SLV_Ex		323.5	16.7291	88.372	-1.4281
266	266	346	SLU_ENV	Max	0.	46.1782	226.9483	0.1091
266	266	345	SLU_ENV	Max	0.	53.8148	265.2945	3.3249
266	266	363	SLU_ENV	Max	0.	52.3596	256.8874	3.2342
266	266	364	SLU_ENV	Max	0.	44.5254	218.8327	-0.0447
266	266	346	SLU_ENV	Min	0.	10.2996	54.8413	-2.8154
266	266	345	SLU_ENV	Min	0.	10.3985	55.1322	0.0806
266	266	363	SLU_ENV	Min	0.	10.7926	55.0892	0.0299
266	266	364	SLU_ENV	Min	0.	10.6894	54.8051	-2.803
266	266	346	SLV_Ex		322.38	17.7047	88.826	-1.3638
266	266	345	SLV_Ex		319.08	53.6189	268.1292	-1.6557
266	266	363	SLV_Ex		319.94	54.0389	268.562	-1.7954

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
266	266	364	SLV_Ex		323.17	18.0829	89.3232	-1.5036
267	267	364	SLU_ENV	Max	0.	45.4794	220.3178	0.0806
267	267	363	SLU_ENV	Max	0.	52.3664	255.5945	3.3774
267	267	381	SLU_ENV	Max	0.	49.6123	246.7759	3.4539
267	267	382	SLU_ENV	Max	0.	42.5355	211.7802	0.0259
267	267	364	SLU_ENV	Min	0.	10.7512	54.8535	-2.933
267	267	363	SLU_ENV	Min	0.	10.7972	55.0541	-0.0837
267	267	381	SLU_ENV	Min	0.	10.977	55.0831	-0.1384
267	267	382	SLU_ENV	Min	0.	10.9286	54.8863	-2.8565
267	267	364	SLV_Ex		322.83	18.555	89.7875	-1.4416
267	267	363	SLV_Ex		319.29	54.0502	268.1943	-1.7349
267	267	381	SLV_Ex		317.95	54.0539	268.5767	-1.6317
267	267	382	SLV_Ex		321.52	18.5562	90.1807	-1.3384
268	268	382	SLU_ENV	Max	0.	43.4373	213.2019	0.0208
268	268	381	SLU_ENV	Max	0.	49.6106	245.5341	3.5343
268	268	399	SLU_ENV	Max	0.	46.2967	236.3668	3.7108
268	268	400	SLU_ENV	Max	0.	39.9342	204.3124	-0.0135
268	268	382	SLU_ENV	Min	0.	10.9388	54.9122	-2.9262
268	268	381	SLU_ENV	Min	0.	10.9714	55.0581	-0.1198
268	268	399	SLU_ENV	Min	0.	11.0289	55.0727	-0.1556
268	268	400	SLU_ENV	Min	0.	10.9949	54.9289	-2.7512
268	268	382	SLV_Ex		321.45	18.8933	90.5295	-1.3545
268	268	381	SLV_Ex		317.93	54.1071	268.3059	-1.483
268	268	399	SLV_Ex		319.8	53.9914	268.4393	-1.2437
268	268	400	SLV_Ex		323.3	18.7634	90.6864	-1.1153
269	269	400	SLU_ENV	Max	0.	40.819	205.6142	0.0014
269	269	399	SLU_ENV	Max	0.	46.5591	235.2945	3.6316
269	269	417	SLU_ENV	Max	0.	43.1085	226.3446	3.721
269	269	418	SLU_ENV	Max	0.	37.1989	196.9127	-0.0109
269	269	400	SLU_ENV	Min	0.	11.002	54.9377	-2.6648
269	269	399	SLU_ENV	Min	0.	11.0314	55.0657	-0.1599
269	269	417	SLU_ENV	Min	0.	11.0056	55.0811	-0.1843
269	269	418	SLU_ENV	Min	0.	10.9764	54.9529	-2.5875
269	269	400	SLV_Ex		323.38	18.9447	90.8818	-1.0448
269	269	399	SLV_Ex		319.75	54.0874	268.2993	-1.1909
269	269	417	SLV_Ex		318.6	53.9598	268.4781	-0.9342
269	269	418	SLV_Ex		322.25	18.8333	91.0409	-0.7881
270	270	418	SLU_ENV	Max	0.	38.0908	198.042	-0.0134
270	270	417	SLU_ENV	Max	0.	43.405	225.4529	3.4744
270	270	435	SLU_ENV	Max	0.	39.986	217.1193	3.5452
270	270	436	SLU_ENV	Max	0.	34.5192	189.9302	-0.0142
270	270	418	SLU_ENV	Min	0.	10.9871	54.9456	-2.3538
270	270	417	SLU_ENV	Min	0.	11.0181	55.093	-0.1524
270	270	435	SLU_ENV	Min	0.	10.8898	55.0824	-0.1704
270	270	436	SLU_ENV	Min	0.	10.8598	54.9333	-2.3001
270	270	418	SLV_Ex		322.16	18.8602	91.082	-0.8133
270	270	417	SLV_Ex		318.68	54.1143	268.4733	-0.7766
270	270	435	SLV_Ex		320.49	53.9463	268.3944	-0.6341
270	270	436	SLV_Ex		323.95	18.6955	90.9977	-0.6708
271	271	436	SLU_ENV	Max	0.	35.1803	190.8145	0.0366
271	271	435	SLU_ENV	Max	0.	40.264	216.4229	3.1725
271	271	453	SLU_ENV	Max	0.	36.8168	209.2535	3.1818
271	271	454	SLU_ENV	Max	0.	31.6139	183.8178	-0.0147
271	271	436	SLU_ENV	Min	0.	10.8342	54.9036	-1.8823

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
271	271	435	SLU_ENV	Min	0.	10.911	55.1112	-0.2548
271	271	453	SLU_ENV	Min	0.	10.6089	55.1477	-0.3397
271	271	454	SLU_ENV	Min	0.	10.535	54.9356	-1.9067
271	271	436	SLV_Ex		324.3	18.6845	90.9133	-0.6253
271	271	435	SLV_Ex		320.74	54.1075	268.5088	-0.5578
271	271	453	SLV_Ex		318.87	53.7046	268.372	-0.5108
271	271	454	SLV_Ex		322.45	18.3224	90.7192	-0.5783
272	272	454	SLU_ENV	Max	0.	31.9185	184.4415	0.0989
272	272	453	SLU_ENV	Max	0.	36.8564	208.6986	2.7048
272	272	471	SLU_ENV	Max	0.	33.0796	202.9781	2.6543
272	272	472	SLU_ENV	Max	0.	28.7084	178.8473	0.0045
272	272	454	SLU_ENV	Min	0.	10.4438	54.8853	-1.398
272	272	453	SLU_ENV	Min	0.	10.5404	55.1661	-0.4745
272	272	471	SLU_ENV	Min	0.	9.9287	55.2836	-0.5977
272	272	472	SLU_ENV	Min	0.	9.1836	54.9952	-1.4772
272	272	454	SLV_Ex		322.87	17.8798	90.5689	-0.5427
272	272	453	SLV_Ex		320.05	54.0465	268.5022	-0.4154
272	272	471	SLV_Ex		332.09	52.9401	268.1425	-0.9904
272	272	472	SLV_Ex		334.77	16.8105	90.158	-1.1178
273	273	472	SLU_ENV	Max	0.	26.9486	179.1377	0.708
273	273	471	SLU_ENV	Max	0.	32.3154	202.28	1.897
273	273	489	SLU_ENV	Max	0.	28.5936	199.7059	1.5105
273	273	490	SLU_ENV	Max	0.	23.9134	176.6401	0.0073
273	273	472	SLU_ENV	Min	0.	9.0788	54.8964	-0.6945
273	273	471	SLU_ENV	Min	0.	9.5825	55.1951	-1.317
273	273	489	SLU_ENV	Min	0.	7.8521	55.8933	-2.0493
273	273	490	SLU_ENV	Min	0.	6.6177	55.5888	-1.1126
273	273	472	SLV_Ex		339.02	15.9749	90.2073	-1.0496
273	273	471	SLV_Ex		336.59	52.6483	267.8677	-0.9428
273	273	489	SLV_Ex		342.17	50.0704	267.2915	-1.9914
273	273	490	SLV_Ex		346.05	13.506	89.4942	-2.0982
274	274	490	SLU_ENV	Max	0.	19.8341	176.6061	1.1657
274	274	489	SLU_ENV	Max	0.	23.7995	198.1488	0.6302
274	274	507	SLU_ENV	Max	0.	19.7801	200.0635	0.2197
274	274	508	SLU_ENV	Max	0.	15.8615	178.5397	0.9773
274	274	490	SLU_ENV	Min	0.	5.7716	55.4183	-0.2057
274	274	489	SLU_ENV	Min	0.	6.7763	55.4957	-3.2276
274	274	507	SLU_ENV	Min	0.	4.7274	57.0598	-3.416
274	274	508	SLU_ENV	Min	0.	3.6813	56.9779	-0.6162
274	274	490	SLV_Ex		345.81	12.6961	89.9725	0.5734
274	274	489	SLV_Ex		351.71	40.9277	264.8227	-4.556
274	274	507	SLV_Ex		341.02	37.1806	271.0069	1.6873
274	274	508	SLV_Ex		335.68	9.181	95.8824	6.8167
275	275	508	SLU_ENV	Max	0.	7.9118	177.8307	1.9239
275	275	507	SLU_ENV	Max	0.	8.8389	197.4091	-0.5041
275	275	525	SLU_ENV	Max	0.	6.5429	203.3538	-0.5434
275	275	526	SLU_ENV	Max	0.	5.6522	183.758	4.2252
275	275	508	SLU_ENV	Min	0.	2.0358	56.5838	0.1036
275	275	507	SLU_ENV	Min	0.	2.4955	56.2636	-4.3468
275	275	525	SLU_ENV	Min	0.	1.5439	58.7575	-2.0454
275	275	526	SLU_ENV	Min	0.	1.068	59.0873	0.0642
275	275	508	SLV_Ex		338.33	6.0711	96.0808	7.6801
275	275	507	SLV_Ex		332.51	15.315	265.8134	0.9155
275	275	525	SLV_Ex		304.63	12.4932	274.4833	23.7335

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
275	275	526	SLV_Ex		311.32	3.6688	104.2299	30.4982
276	276	746	SLU_ENV	Max	0.	11.2408	316.6989	3.582
276	276	764	SLU_ENV	Max	0.	15.5464	350.9454	21.7873
276	276	763	SLU_ENV	Max	0.	22.3544	330.4881	23.9004
276	276	730	SLU_ENV	Max	0.	18.0477	296.1738	5.6952
276	276	746	SLU_ENV	Min	0.	1.6108	59.9694	2.0063
276	276	764	SLU_ENV	Min	0.	2.1631	58.4958	4.5315
276	276	763	SLU_ENV	Min	0.	3.4871	55.7514	3.8405
276	276	730	SLU_ENV	Min	0.	2.9614	57.1863	1.3154
276	276	746	SLV_Ex		231.95	11.4538	291.9577	-21.5485
276	276	764	SLV_Ex		250.67	28.1823	452.7061	0.6911
276	276	763	SLV_Ex		338.14	34.2895	427.0531	13.3136
276	276	730	SLV_Ex		313.76	17.2039	266.5936	-8.926
277	277	730	SLU_ENV	Max	0.	31.6521	295.6389	9.0965
277	277	763	SLU_ENV	Max	0.	45.5769	338.3884	20.5575
277	277	762	SLU_ENV	Max	0.	54.5573	326.3503	15.9821
277	277	714	SLU_ENV	Max	0.	40.4566	283.7159	4.5211
277	277	730	SLU_ENV	Min	0.	4.985	56.9591	1.8825
277	277	763	SLU_ENV	Min	0.	6.5209	56.9901	3.2774
277	277	762	SLU_ENV	Min	0.	8.536	55.7243	2.0042
277	277	714	SLU_ENV	Min	0.	7.0007	55.6809	0.6092
277	277	730	SLV_Ex		324.92	31.6549	266.7172	0.1997
277	277	763	SLV_Ex		319.28	68.6569	436.6931	4.2581
277	277	762	SLV_Ex		350.43	77.1936	433.4814	1.6377
277	277	714	SLV_Ex		350.67	40.0637	263.5694	-2.4207
278	278	714	SLU_ENV	Max	0.	47.3908	283.1535	6.3335
278	278	762	SLU_ENV	Max	0.	59.266	329.2412	14.2192
278	278	326	SLU_ENV	Max	0.	62.1514	321.1603	12.0841
278	278	327	SLU_ENV	Max	0.	49.9774	275.2907	4.1984
278	278	714	SLU_ENV	Min	0.	7.898	55.4347	1.0279
278	278	762	SLU_ENV	Min	0.	9.0069	56.2442	1.5881
278	278	326	SLU_ENV	Min	0.	10.1371	55.8618	0.8744
278	278	327	SLU_ENV	Min	0.	9.0203	55.0565	0.3143
278	278	714	SLV_Ex		345.64	47.3537	262.8982	0.1495
278	278	762	SLV_Ex		336.93	83.4386	436.8597	-0.8293
278	278	326	SLV_Ex		307.99	86.6688	438.5313	-1.8808
278	278	327	SLV_Ex		317.12	50.5127	264.6164	-0.902
279	279	327	SLU_ENV	Max	0.	54.1271	276.7557	3.8432
279	279	326	SLU_ENV	Max	0.	63.3963	320.7742	12.4848
279	279	344	SLU_ENV	Max	0.	61.4861	308.7541	11.8778
279	279	345	SLU_ENV	Max	0.	51.9392	265.1401	3.2423
279	279	327	SLU_ENV	Min	0.	9.5032	55.1175	0.4236
279	279	326	SLU_ENV	Min	0.	10.0944	55.8888	0.766
279	279	344	SLU_ENV	Min	0.	10.724	55.5565	0.3614
279	279	345	SLU_ENV	Min	0.	10.1265	54.7958	0.0129
279	279	327	SLV_Ex		310.85	52.2422	265.1249	-1.0539
279	279	326	SLV_Ex		307.09	87.3334	438.5017	-1.6112
279	279	344	SLV_Ex		302.73	87.7648	439.2757	-2.087
279	279	345	SLV_Ex		306.99	52.6224	265.9843	-1.5298
280	280	345	SLU_ENV	Max	0.	55.6597	267.5169	3.2368
280	280	344	SLU_ENV	Max	0.	63.3948	307.5032	11.91
280	280	362	SLU_ENV	Max	0.	58.6642	294.8697	12.1422
280	280	363	SLU_ENV	Max	0.	50.6424	255.3035	3.3911
280	280	345	SLU_ENV	Min	0.	10.4333	54.9447	0.135

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
280	280	344	SLU_ENV	Min	0.	10.6964	55.4635	0.2452
280	280	362	SLU_ENV	Min	0.	10.9395	55.3625	-0.0797
280	280	363	SLU_ENV	Min	0.	10.6726	54.851	-0.112
280	280	345	SLV_Ex		305.11	53.9409	267.0104	-1.6877
280	280	344	SLV_Ex		301.56	88.2631	438.613	-1.8131
280	280	362	SLV_Ex		296.78	87.5141	438.6183	-1.8812
280	280	363	SLV_Ex		300.37	53.188	267.0364	-1.7558
281	281	363	SLU_ENV	Max	0.	54.0665	257.6284	3.1793
281	281	362	SLU_ENV	Max	0.	60.6513	293.627	12.3711
281	281	380	SLU_ENV	Max	0.	54.7876	280.2403	12.8192
281	281	381	SLU_ENV	Max	0.	47.8997	244.6796	3.6274
281	281	363	SLU_ENV	Min	0.	10.8246	54.9637	-0.0475
281	281	362	SLU_ENV	Min	0.	10.9412	55.2805	-0.1307
281	281	380	SLU_ENV	Min	0.	11.0185	55.2353	-0.2578
281	281	381	SLU_ENV	Min	0.	10.8995	54.923	-0.1745
281	281	363	SLV_Ex		299.67	54.3536	267.8685	-1.7992
281	281	362	SLV_Ex		296.65	88.078	438.1321	-1.7107
281	281	380	SLV_Ex		298.13	87.2292	437.8288	-1.4821
281	281	381	SLV_Ex		301.16	53.4891	267.596	-1.5707
282	282	381	SLU_ENV	Max	0.	50.9954	246.7645	3.6367
282	282	380	SLU_ENV	Max	0.	57.3613	279.2893	12.8191
282	282	398	SLU_ENV	Max	0.	51.3053	265.9342	12.7677
282	282	399	SLU_ENV	Max	0.	44.6495	233.8245	3.5852
282	282	381	SLU_ENV	Min	0.	10.9778	54.9847	-0.1291
282	282	380	SLU_ENV	Min	0.	11.0316	55.1919	-0.2911
282	282	398	SLU_ENV	Min	0.	11.0454	55.1949	-0.3068
282	282	399	SLU_ENV	Min	0.	10.9911	54.9889	-0.1447
282	282	381	SLV_Ex		301.14	54.2872	268.1297	-1.4965
282	282	380	SLV_Ex		297.83	87.8202	437.573	-1.439
282	282	398	SLV_Ex		297.18	87.1906	437.3801	-1.1668
282	282	399	SLV_Ex		300.49	53.6726	267.9224	-1.2243
283	283	399	SLU_ENV	Max	0.	47.5861	235.6195	3.8629
283	283	398	SLU_ENV	Max	0.	53.7496	265.2154	12.4951
283	283	416	SLU_ENV	Max	0.	47.9938	252.5806	12.099
283	283	417	SLU_ENV	Max	0.	41.5531	223.3776	3.4668
283	283	399	SLU_ENV	Min	0.	11.0146	55.0045	-0.1682
283	283	398	SLU_ENV	Min	0.	11.0582	55.1866	-0.2692
283	283	416	SLU_ENV	Min	0.	11.0375	55.1812	-0.2776
283	283	417	SLU_ENV	Min	0.	10.9937	54.9992	-0.1765
283	283	399	SLV_Ex		300.44	54.1271	268.1927	-1.1958
283	283	398	SLV_Ex		297.18	87.5887	437.2803	-1.0679
283	283	416	SLV_Ex		298.29	87.2604	437.0425	-0.8058
283	283	417	SLV_Ex		301.53	53.7953	267.9612	-0.9336
284	284	417	SLU_ENV	Max	0.	44.0385	224.8219	3.8556
284	284	416	SLU_ENV	Max	0.	50.1385	252.0623	11.7105
284	284	434	SLU_ENV	Max	0.	44.8964	240.6508	10.9983
284	284	435	SLU_ENV	Max	0.	38.553	213.7526	3.1434
284	284	417	SLU_ENV	Min	0.	10.9657	54.9698	-0.1277
284	284	416	SLU_ENV	Min	0.	11.045	55.2065	-0.3146
284	284	434	SLU_ENV	Min	0.	10.9792	55.2413	-0.381
284	284	435	SLU_ENV	Min	0.	10.9014	55.0017	-0.1941
284	284	417	SLV_Ex		301.62	53.9339	267.9776	-0.8436
284	284	416	SLV_Ex		298.45	87.397	437.0811	-0.7788
284	284	434	SLV_Ex		296.7	87.3586	437.0095	-0.4972

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
284	284	435	SLV_Ex		299.86	53.9223	267.8681	-0.5621
285	285	435	SLU_ENV	Max	0.	40.4447	214.7952	3.6943
285	285	434	SLU_ENV	Max	0.	46.7767	240.3626	10.4445
285	285	452	SLU_ENV	Max	0.	42.0642	230.5965	9.3916
285	285	453	SLU_ENV	Max	0.	35.5235	205.3182	2.6414
285	285	435	SLU_ENV	Min	0.	10.8134	54.9222	-0.1523
285	285	434	SLU_ENV	Min	0.	10.9966	55.3067	-0.4095
285	285	452	SLU_ENV	Min	0.	10.8139	55.3612	-0.7006
285	285	453	SLU_ENV	Min	0.	10.6334	54.9713	-0.4433
285	285	435	SLV_Ex		300.14	53.6577	267.5883	-0.5663
285	285	434	SLV_Ex		296.81	87.4688	437.2584	-0.3663
285	285	452	SLV_Ex		300.88	87.5616	437.0259	-0.3082
285	285	453	SLV_Ex		304.15	53.7624	267.3322	-0.5082
286	286	453	SLU_ENV	Max	0.	36.6096	205.8994	3.3683
286	286	452	SLU_ENV	Max	0.	43.5253	230.5247	8.6581
286	286	470	SLU_ENV	Max	0.	39.0174	223.3142	7.2658
286	286	471	SLU_ENV	Max	0.	32.7955	198.8954	1.9759
286	286	453	SLU_ENV	Min	0.	10.4093	54.8358	-0.1322
286	286	452	SLU_ENV	Min	0.	10.8405	55.4572	-1.0006
286	286	470	SLU_ENV	Min	0.	10.3815	55.7261	-1.8082
286	286	471	SLU_ENV	Min	0.	9.1105	55.0948	-0.9398
286	286	453	SLV_Ex		305.39	53.3178	266.7603	-0.5782
286	286	452	SLV_Ex		301.62	87.7091	437.5383	-0.1235
286	286	470	SLV_Ex		302.77	87.2334	436.892	-0.3687
286	286	471	SLV_Ex		306.08	52.8974	266.0271	-0.8235
287	287	471	SLU_ENV	Max	0.	32.0432	199.2585	2.6902
287	287	470	SLU_ENV	Max	0.	40.3742	223.2412	6.5443
287	287	488	SLU_ENV	Max	0.	34.9348	218.2118	4.5594
287	287	489	SLU_ENV	Max	0.	28.2537	194.376	0.7053
287	287	471	SLU_ENV	Min	0.	9.544	54.9868	-0.6726
287	287	470	SLU_ENV	Min	0.	10.4666	55.7687	-2.0605
287	287	488	SLU_ENV	Min	0.	9.3559	56.1555	-4.084
287	287	489	SLU_ENV	Min	0.	6.6851	55.3656	-2.6962
287	287	471	SLV_Ex		311.41	52.273	265.6242	-1.1249
287	287	470	SLV_Ex		302.9	87.3133	437.186	0.0588
287	287	488	SLV_Ex		333.81	84.2024	435.047	-0.6375
287	287	489	SLV_Ex		341.83	49.2202	263.4075	-1.8211
288	288	489	SLU_ENV	Max	0.	25.0145	195.3347	1.8075
288	288	488	SLU_ENV	Max	0.	34.4129	216.6989	3.4492
288	288	506	SLU_ENV	Max	0.	26.6067	216.724	0.6742
288	288	507	SLU_ENV	Max	0.	18.3697	195.4778	-0.9674
288	288	489	SLU_ENV	Min	0.	6.7634	55.552	-1.3122
288	288	488	SLU_ENV	Min	0.	9.0493	55.7254	-5.4486
288	288	506	SLU_ENV	Min	0.	6.9099	56.9394	-9.4781
288	288	507	SLU_ENV	Min	0.	3.4103	56.7762	-5.3418
288	288	489	SLV_Ex		348.89	43.0506	264.1956	0.1861
288	288	488	SLV_Ex		346.51	80.2219	432.2288	-2.5217
288	288	506	SLV_Ex		329.06	70.9802	434.0006	-5.7974
288	288	507	SLV_Ex		336.98	33.9119	265.9051	-3.0896
289	289	507	SLU_ENV	Max	0.	11.4093	196.7727	0.4145
289	289	506	SLU_ENV	Max	0.	15.4741	212.0432	-0.7179
289	289	524	SLU_ENV	Max	0.	9.524	220.9877	-2.5993
289	289	525	SLU_ENV	Max	0.	5.696	205.8137	-1.4669
289	289	507	SLU_ENV	Min	0.	2.5691	57.132	-2.8754

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
289	289	506	SLU_ENV	Min	0.	3.9837	55.5974	-11.9223
289	289	524	SLU_ENV	Min	0.	2.238	58.482	-12.5816
289	289	525	SLU_ENV	Min	0.	0.5456	60.0595	-3.5347
289	289	507	SLV_Ex		326.48	19.9554	266.8801	6.0602
289	289	506	SLV_Ex		349.86	37.7876	423.5957	-14.8647
289	289	524	SLV_Ex		259.16	29.2325	449.6887	-2.3725
289	289	525	SLV_Ex		240.56	11.7062	292.6839	18.5524
290	290	764	SLU_ENV	Max	0.	1.1391	369.0206	26.2891
290	290	975	SLU_ENV	Max	0.	12.0667	384.4716	39.9762
290	290	974	SLU_ENV	Max	0.	58.3925	377.5274	33.12
290	290	763	SLU_ENV	Max	0.	46.9838	361.585	19.4328
290	290	764	SLU_ENV	Min	0.	-0.9678	60.2223	5.1834
290	290	975	SLU_ENV	Min	0.	0.8101	55.1686	6.9423
290	290	974	SLU_ENV	Min	0.	8.7468	54.6894	4.9507
290	290	763	SLU_ENV	Min	0.	7.3548	59.6475	3.1918
290	290	764	SLV_Ex		280.69	7.4957	438.387	8.1777
290	290	975	SLV_Ex		102.76	36.9095	571.9431	7.2784
290	290	974	SLV_Ex		405.39	85.8619	583.1216	5.0515
290	290	763	SLV_Ex		386.2	56.4849	448.9162	5.9508
291	291	763	SLU_ENV	Max	0.	42.8684	342.1003	21.451
291	291	974	SLU_ENV	Max	0.	61.2582	396.7621	31.2257
291	291	780	SLU_ENV	Max	0.	78.1832	388.2684	24.8549
291	291	762	SLU_ENV	Max	0.	59.5041	333.8295	15.0802
291	291	763	SLU_ENV	Min	0.	5.6459	56.1226	3.6204
291	291	974	SLU_ENV	Min	0.	8.321	57.7874	4.5343
291	291	780	SLU_ENV	Min	0.	11.9364	57.4078	2.5739
291	291	762	SLU_ENV	Min	0.	9.2423	55.748	1.66
291	291	763	SLV_Ex		370.87	65.0828	432.2475	5.8615
291	291	974	SLV_Ex		350.18	106.6698	605.6715	5.317
291	291	780	SLV_Ex		289.98	121.9249	609.4073	-0.4746
291	291	762	SLV_Ex		310.32	80.3651	435.9143	0.07
292	292	762	SLU_ENV	Max	0.	61.6418	333.4716	13.9975
292	292	780	SLU_ENV	Max	0.	74.6039	388.3382	26.0095
292	292	779	SLU_ENV	Max	0.	73.94	374.9822	24.29
292	292	326	SLU_ENV	Max	0.	60.4929	320.5156	12.278
292	292	762	SLU_ENV	Min	0.	8.9596	55.402	1.7607
292	292	780	SLU_ENV	Min	0.	10.7723	57.4644	2.4765
292	292	779	SLU_ENV	Min	0.	11.6408	56.8516	1.4159
292	292	326	SLU_ENV	Min	0.	9.8057	54.8107	0.7001
292	292	762	SLV_Ex		292.73	84.6563	436.7056	-0.9925
292	292	780	SLV_Ex		284.83	119.9934	609.0878	0.7215
292	292	779	SLV_Ex		284.15	120.088	607.2075	-0.0024
292	292	326	SLV_Ex		289.94	84.6961	434.91	-1.7164
293	293	326	SLU_ENV	Max	0.	66.2957	324.554	12.2861
293	293	779	SLU_ENV	Max	0.	75.8754	372.491	24.3186
293	293	806	SLU_ENV	Max	0.	69.0484	354.9287	24.0889
293	293	344	SLU_ENV	Max	0.	59.1012	307.5466	12.0564
293	293	326	SLU_ENV	Min	0.	10.1542	55.1697	0.8989
293	293	779	SLU_ENV	Min	0.	11.1381	56.4618	1.2161
293	293	806	SLU_ENV	Min	0.	11.3611	56.0782	0.5457
293	293	344	SLU_ENV	Min	0.	10.3695	54.803	0.2284
293	293	326	SLV_Ex		289.08	88.5545	438.2232	-1.432
293	293	779	SLV_Ex		285.2	122.7819	605.2046	-0.1848
293	293	806	SLV_Ex		277.07	120.0669	602.9969	-1.0094

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
293	293	344	SLV_Ex		281.43	85.8435	436.0546	-2.2566
294	294	344	SLU_ENV	Max	0.	66.1022	311.6366	11.5415
294	294	806	SLU_ENV	Max	0.	73.2719	353.0836	24.6459
294	294	821	SLU_ENV	Max	0.	63.9456	333.5742	25.7193
294	294	362	SLU_ENV	Max	0.	56.3572	292.738	12.5455
294	294	344	SLU_ENV	Min	0.	10.7699	55.1195	0.3097
294	294	806	SLU_ENV	Min	0.	11.2079	55.8111	0.4638
294	294	821	SLU_ENV	Min	0.	11.1484	55.5907	-0.124
294	294	362	SLU_ENV	Min	0.	10.7064	54.9085	-0.2086
294	294	344	SLV_Ex		279.79	88.9913	438.2532	-1.9294
294	294	806	SLV_Ex		277.16	121.4304	601.7006	-1.2154
294	294	821	SLV_Ex		277.21	118.7994	600.2143	-1.0533
294	294	362	SLV_Ex		279.51	86.3508	436.8019	-1.7674
295	295	362	SLU_ENV	Max	0.	62.742	296.2318	12.5763
295	295	821	SLU_ENV	Max	0.	69.8209	332.5324	25.7029
295	295	836	SLU_ENV	Max	0.	60.1567	313.1696	25.7132
295	295	380	SLU_ENV	Max	0.	52.6625	277.4637	12.5866
295	295	362	SLU_ENV	Min	0.	10.9842	55.1012	-0.0902
295	295	821	SLU_ENV	Min	0.	11.1678	55.4574	-0.2311
295	295	836	SLU_ENV	Min	0.	11.0839	55.3902	-0.4368
295	295	380	SLU_ENV	Min	0.	10.8999	55.0367	-0.2959
295	295	362	SLV_Ex		279.42	88.5356	438.09	-1.603
295	295	821	SLV_Ex		276.44	120.7969	599.7626	-1.107
295	295	836	SLV_Ex		275.53	118.8424	598.7299	-1.0864
295	295	380	SLV_Ex		278.53	86.6048	437.0377	-1.5823
296	296	380	SLU_ENV	Max	0.	58.838	280.3422	13.0239
296	296	836	SLU_ENV	Max	0.	65.497	312.5943	25.2841
296	296	851	SLU_ENV	Max	0.	56.4754	294.4322	24.7961
296	296	398	SLU_ENV	Max	0.	49.4044	262.7599	12.5358
296	296	380	SLU_ENV	Min	0.	11.0475	55.1279	-0.3081
296	296	836	SLU_ENV	Min	0.	11.1159	55.3349	-0.41
296	296	851	SLU_ENV	Min	0.	11.066	55.3029	-0.392
296	296	398	SLU_ENV	Min	0.	10.9971	55.0973	-0.2901
296	296	380	SLV_Ex		278.19	88.0582	437.7237	-1.4444
296	296	836	SLV_Ex		275.25	119.8509	598.5363	-1.1019
296	296	851	SLV_Ex		275.86	118.7096	597.8533	-0.8227
296	296	398	SLV_Ex		278.77	86.9161	437.0465	-1.1652
297	297	398	SLU_ENV	Max	0.	54.7433	265.099	12.8614
297	297	851	SLU_ENV	Max	0.	61.5	294.1658	24.474
297	297	866	SLU_ENV	Max	0.	53.2996	276.993	23.3195
297	297	416	SLU_ENV	Max	0.	46.1545	248.4687	11.7069
297	297	398	SLU_ENV	Min	0.	11.0385	55.1186	-0.2933
297	297	851	SLU_ENV	Min	0.	11.0855	55.2937	-0.3762
297	297	866	SLU_ENV	Min	0.	11.0779	55.2971	-0.3352
297	297	416	SLU_ENV	Min	0.	11.0316	55.121	-0.2523
297	297	398	SLV_Ex		278.8	87.6978	437.3895	-1.1022
297	297	851	SLV_Ex		275.85	119.3631	597.7974	-0.7734
297	297	866	SLV_Ex		275.15	118.7715	597.2617	-0.4372
297	297	416	SLV_Ex		278.05	87.1297	436.8255	-0.766
298	298	416	SLU_ENV	Max	0.	50.5388	250.3374	12.2975
298	298	866	SLU_ENV	Max	0.	57.8234	276.9059	22.727
298	298	881	SLU_ENV	Max	0.	50.751	261.5063	20.8168
298	298	434	SLU_ENV	Max	0.	43.1077	235.4341	10.3872
298	298	416	SLU_ENV	Min	0.	10.9665	55.0762	-0.2559

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
298	298	866	SLU_ENV	Min	0.	11.0939	55.332	-0.317
298	298	881	SLU_ENV	Min	0.	11.1301	55.3554	-0.5022
298	298	434	SLU_ENV	Min	0.	11.0029	55.0979	-0.4412
298	298	416	SLV_Ex		278.23	87.2103	436.8575	-0.6312
298	298	866	SLV_Ex		275.39	119.2637	597.3442	-0.4496
298	298	881	SLV_Ex		276.24	119.4872	597.1486	-0.4693
298	298	434	SLV_Ex		279.07	87.431	436.6623	-0.651
299	299	434	SLU_ENV	Max	0.	46.4585	236.717	11.1786
299	299	881	SLU_ENV	Max	0.	54.3622	261.6158	20.0179
299	299	896	SLU_ENV	Max	0.	48.6081	248.8525	17.4764
299	299	452	SLU_ENV	Max	0.	40.4061	224.3603	8.6371
299	299	434	SLU_ENV	Min	0.	10.8214	54.965	-0.3068
299	299	881	SLU_ENV	Min	0.	11.1102	55.448	-0.6257
299	299	896	SLU_ENV	Min	0.	11.1549	55.5936	-1.1213
299	299	452	SLU_ENV	Min	0.	10.8692	55.1035	-0.8024
299	299	434	SLV_Ex		279.2	86.8511	436.1934	-0.4858
299	299	881	SLV_Ex		277.16	118.7084	597.3457	-0.5246
299	299	896	SLV_Ex		276.07	119.6713	597.6173	-0.2231
299	299	452	SLV_Ex		278.14	87.8441	436.4144	-0.1844
300	300	452	SLU_ENV	Max	0.	42.3255	224.847	9.6228
300	300	896	SLU_ENV	Max	0.	51.9343	249.415	16.4796
300	300	911	SLU_ENV	Max	0.	47.4033	239.9561	13.1408
300	300	470	SLU_ENV	Max	0.	37.974	215.6975	6.284
300	300	452	SLU_ENV	Min	0.	10.5294	54.8488	-0.5898
300	300	896	SLU_ENV	Min	0.	11.2928	55.808	-1.3213
300	300	911	SLU_ENV	Min	0.	11.2068	56.0872	-2.9519
300	300	470	SLU_ENV	Min	0.	10.0331	55.1152	-2.2204
300	300	452	SLV_Ex		279.29	86.2854	435.1609	0.1457
300	300	896	SLV_Ex		276.39	119.7786	598.5806	-0.4332
300	300	911	SLV_Ex		283.62	121.5342	599.7204	-1.2245
300	300	470	SLV_Ex		286.18	88.0535	436.2528	-0.6457
301	301	470	SLU_ENV	Max	0.	38.4255	215.1724	7.4491
301	301	911	SLU_ENV	Max	0.	49.9211	241.1582	11.9601
301	301	926	SLU_ENV	Max	0.	45.3282	236.1761	8.1555
301	301	488	SLU_ENV	Max	0.	34.8879	210.3469	3.6444
301	301	470	SLU_ENV	Min	0.	10.0573	54.7098	-1.5331
301	301	911	SLU_ENV	Min	0.	11.5327	56.4794	-3.632
301	301	926	SLU_ENV	Min	0.	10.8544	57.1479	-6.7058
301	301	488	SLU_ENV	Min	0.	8.2015	55.3511	-4.6069
301	301	470	SLV_Ex		286.34	85.2831	433.3668	-0.1238
301	301	911	SLV_Ex		283.77	119.2622	601.598	-1.6378
301	301	926	SLV_Ex		281.87	119.4529	603.7081	-1.9673
301	301	488	SLV_Ex		286.7	85.528	435.3414	-0.4532
302	302	488	SLU_ENV	Max	0.	34.7038	210.7577	4.5059
302	302	926	SLU_ENV	Max	0.	50.2848	236.9581	7.2825
302	302	941	SLU_ENV	Max	0.	38.9965	233.9228	2.3861
302	302	506	SLU_ENV	Max	0.	24.5196	207.8352	-0.3906
302	302	488	SLU_ENV	Min	0.	9.4925	55.4695	-4.1058
302	302	926	SLU_ENV	Min	0.	12.1405	57.3067	-7.1857
302	302	941	SLU_ENV	Min	0.	8.8433	57.7765	-13.8987
302	302	506	SLU_ENV	Min	0.	5.0424	55.9262	-10.8188
302	302	488	SLV_Ex		304.81	82.3285	433.8622	-1.2756
302	302	926	SLV_Ex		281.52	122.8557	605.228	-1.0021
302	302	941	SLV_Ex		351.94	109.0717	602.1127	-6.7949

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
302	302	506	SLV_Ex		370.43	68.5497	430.7538	-7.0684
303	303	506	SLU_ENV	Max	0.	27.8377	218.8138	0.3864
303	303	941	SLU_ENV	Max	0.	37.1934	223.3235	1.6024
303	303	956	SLU_ENV	Max	0.	8.9254	222.5549	-2.4964
303	303	524	SLU_ENV	Max	0.	-0.3304	218.429	-3.7123
303	303	506	SLU_ENV	Min	0.	7.0155	59.3902	-8.9451
303	303	941	SLU_ENV	Min	0.	9.2973	54.7214	-15.7174
303	303	956	SLU_ENV	Min	0.	0.9736	55.28	-22.3488
303	303	524	SLU_ENV	Min	0.	-1.3875	60.053	-15.5765
303	303	506	SLV_Ex		385.93	60.6737	447.6869	-7.2556
303	303	941	SLV_Ex		404.78	90.0823	579.8065	-6.4131
303	303	956	SLV_Ex		124.61	37.9294	567.92	-9.2572
303	303	524	SLV_Ex		277.06	8.5351	436.5321	-10.0998
431	431	583	SLU_ENV	Max	0.	230.2076	45.0775	-8.6244
431	431	287	SLU_ENV	Max	0.	-16.307	3.238	-11.622
431	431	288	SLU_ENV	Max	0.	-20.1824	-1.0846	-6.4988
431	431	565	SLU_ENV	Max	0.	213.4729	31.6131	-3.5012
431	431	583	SLU_ENV	Min	0.	83.0951	14.6602	-37.933
431	431	287	SLU_ENV	Min	0.	-88.9249	1.2147	-49.5618
431	431	288	SLU_ENV	Min	0.	-104.9282	-10.8783	-32.1171
431	431	565	SLU_ENV	Min	0.	79.0632	12.515	-20.4883
431	431	583	SLV_Ex		306.29	761.6265	96.6221	21.1745
431	431	287	SLV_Ex		459.69	518.2119	29.6712	11.7836
431	431	288	SLV_Ex		177.69	511.9691	55.3804	-2.9224
431	431	565	SLV_Ex		180.6	756.0577	121.918	6.4686
432	432	287	SLU_ENV	Max	0.	-18.9608	0.3872	-12.6173
432	432	289	SLU_ENV	Max	0.	-82.2975	-3.3854	-11.9303
432	432	290	SLU_ENV	Max	0.	-81.5768	-4.4341	-4.8271
432	432	288	SLU_ENV	Max	0.	-18.4473	-0.4408	-5.5141
432	432	287	SLU_ENV	Min	0.	-94.9967	-1.7119	-51.8669
432	432	289	SLU_ENV	Min	0.	-293.1453	-13.6636	-45.6402
432	432	290	SLU_ENV	Min	0.	-285.9752	-16.658	-23.6057
432	432	288	SLU_ENV	Min	0.	-88.6154	-3.8802	-29.8323
432	432	287	SLV_Ex		81.7	525.414	39.7923	-4.4234
432	432	289	SLV_Ex		56.43	278.0333	12.3138	-35.781
432	432	290	SLV_Ex		67.78	241.9937	13.9351	-18.2918
432	432	288	SLV_Ex		161.14	488.796	42.0651	13.0658
433	433	289	SLU_ENV	Max	0.	-85.191	-3.862	-10.7669
433	433	291	SLU_ENV	Max	0.	-120.036	-4.8352	-6.9768
433	433	292	SLU_ENV	Max	0.	-115.653	-5.5329	-2.1864
433	433	290	SLU_ENV	Max	0.	-80.9468	-4.4101	-5.9765
433	433	289	SLU_ENV	Min	0.	-297.2866	-14.8855	-41.5604
433	433	291	SLU_ENV	Min	0.	-404.6484	-18.8474	-25.7158
433	433	292	SLU_ENV	Min	0.	-385.886	-19.406	-11.789
433	433	290	SLU_ENV	Min	0.	-279.0536	-14.88	-27.6337
433	433	289	SLV_Ex		43.69	250.3112	9.831	-42.1301
433	433	291	SLV_Ex		60.2	22.8233	1.9866	-47.8955
433	433	292	SLV_Ex		56.72	16.6157	2.5214	-17.7399
433	433	290	SLV_Ex		45.21	243.3875	11.1523	-11.9744
434	434	291	SLU_ENV	Max	0.	-121.1032	-5.0216	-5.3115
434	434	293	SLU_ENV	Max	0.	-132.1831	-5.3822	-0.7445
434	434	294	SLU_ENV	Max	0.	-126.9333	-6.0249	2.1897
434	434	292	SLU_ENV	Max	0.	-115.9035	-5.6101	-3.833
434	434	291	SLU_ENV	Min	0.	-405.7679	-19.2059	-20.926

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
434	434	293	SLU_ENV	Min	0.	-439.6341	-20.4123	-2.2279
434	434	294	SLU_ENV	Min	0.	-417.601	-20.2853	0.734
434	434	292	SLU_ENV	Min	0.	-383.922	-18.8786	-16.5085
434	434	291	SLV_Ex		84.08	7.4509	-0.0136	-45.3634
434	434	293	SLV_Ex		82.38	-189.2892	-7.9369	-43.1343
434	434	294	SLV_Ex		84.91	-186.3705	-8.7024	-18.0508
434	434	292	SLV_Ex		89.54	9.6115	0.0463	-20.2799
435	435	293	SLU_ENV	Max	0.	-132.1831	-5.3822	2.2283
435	435	295	SLU_ENV	Max	0.	-121.1026	-5.0215	20.9262
435	435	296	SLU_ENV	Max	0.	-115.903	-5.61	16.5085
435	435	294	SLU_ENV	Max	0.	-126.9333	-6.0249	-0.734
435	435	293	SLU_ENV	Min	0.	-439.6339	-20.4123	0.7446
435	435	295	SLU_ENV	Min	0.	-405.7655	-19.2056	5.3116
435	435	296	SLU_ENV	Min	0.	-383.9199	-18.8784	3.833
435	435	294	SLU_ENV	Min	0.	-417.601	-20.2853	-2.1894
435	435	293	SLV_Ex		126.45	-203.4412	-9.7584	-40.4694
435	435	295	SLV_Ex		130.19	-359.1819	-16.1198	-28.6277
435	435	296	SLV_Ex		118.52	-345.224	-17.4563	-8.8391
435	435	294	SLV_Ex		113.85	-190.0729	-10.4517	-20.6808
436	436	295	SLU_ENV	Max	0.	-120.0354	-4.8351	25.7161
436	436	297	SLU_ENV	Max	0.	-85.1899	-3.8619	41.5606
436	436	298	SLU_ENV	Max	0.	-80.9457	-4.4101	27.6335
436	436	296	SLU_ENV	Max	0.	-115.6524	-5.5329	11.789
436	436	295	SLU_ENV	Min	0.	-404.6458	-18.8471	6.9769
436	436	297	SLU_ENV	Min	0.	-297.2824	-14.8855	10.767
436	436	298	SLU_ENV	Min	0.	-279.0495	-14.8799	5.9765
436	436	296	SLU_ENV	Min	0.	-385.8836	-19.4058	2.1864
436	436	295	SLV_Ex		185.43	-368.5097	-17.1544	-25.0413
436	436	297	SLV_Ex		187.93	-468.3075	-21.2974	-8.6702
436	436	298	SLV_Ex		146.2	-449.4501	-23.663	4.0132
436	436	296	SLV_Ex		143.52	-349.9139	-19.2253	-12.3579
437	437	297	SLU_ENV	Max	0.	-82.2963	-3.3853	45.6401
437	437	305	SLU_ENV	Max	0.	-18.9594	0.3873	51.8661
437	437	306	SLU_ENV	Max	0.	-18.4461	-0.4406	29.8319
437	437	298	SLU_ENV	Max	0.	-81.5758	-4.434	23.6059
437	437	297	SLU_ENV	Min	0.	-293.1404	-13.6635	11.9303
437	437	305	SLU_ENV	Min	0.	-94.9912	-1.7111	12.6171
437	437	306	SLU_ENV	Min	0.	-88.6106	-3.8795	5.514
437	437	298	SLU_ENV	Min	0.	-285.9711	-16.6579	4.8271
437	437	297	SLV_Ex		252.87	-479.7022	-21.4275	1.4172
437	437	305	SLV_Ex		254.41	-499.1103	-34.4689	29.9471
437	437	306	SLV_Ex		196.06	-466.5202	-38.2989	22.5304
437	437	298	SLV_Ex		174.48	-447.022	-25.3263	-5.9996
438	438	305	SLU_ENV	Max	0.	-16.3056	3.2387	49.5612
438	438	750	SLU_ENV	Max	0.	230.2122	45.078	37.9325
438	438	734	SLU_ENV	Max	0.	213.4777	31.6138	20.4877
438	438	306	SLU_ENV	Max	0.	-20.181	-1.0843	32.1165
438	438	305	SLU_ENV	Min	0.	-88.9192	1.2149	11.6219
438	438	750	SLU_ENV	Min	0.	83.0962	14.6604	8.6242
438	438	734	SLU_ENV	Min	0.	79.0644	12.5151	3.5011
438	438	306	SLU_ENV	Min	0.	-104.9224	-10.8773	6.4987
438	438	305	SLV_Ex		500.8	-468.4477	-21.4566	39.7065
438	438	750	SLV_Ex		448.96	-363.5383	-33.999	28.3717
438	438	734	SLV_Ex		150.81	-382.811	-60.8408	1.6099

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
438	438	306	SLV_Ex		136.75	-486.6142	-49.1973	12.9447
439	439	565	SLU_ENV	Max	0.	209.4905	57.4732	-4.7029
439	439	288	SLU_ENV	Max	0.	-18.1205	3.8273	-5.246
439	439	307	SLU_ENV	Max	0.	-19.5	-1.4345	-3.0615
439	439	547	SLU_ENV	Max	0.	201.8919	38.5117	-2.5184
439	439	565	SLU_ENV	Min	0.	79.065	19.2081	-24.688
439	439	288	SLU_ENV	Min	0.	-92.8326	2.5402	-27.7903
439	439	307	SLU_ENV	Min	0.	-100.109	-15.3368	-22.4542
439	439	547	SLU_ENV	Min	0.	77.5995	15.3021	-19.3519
439	439	565	SLV_Ex		151.43	771.1156	136.7596	5.1822
439	439	288	SLV_Ex		136.23	505.9587	85.7758	-1.3083
439	439	307	SLV_Ex		91.11	500.313	94.7325	0.1116
439	439	547	SLV_Ex		43.03	765.2041	146.053	6.6021
440	440	288	SLU_ENV	Max	0.	-18.6383	1.5451	-5.4394
440	440	290	SLU_ENV	Max	0.	-81.6652	-7.8167	-4.8806
440	440	308	SLU_ENV	Max	0.	-81.3459	-9.7841	-2.3114
440	440	307	SLU_ENV	Max	0.	-18.4151	-0.3259	-2.8702
440	440	288	SLU_ENV	Min	0.	-91.541	-1.6189	-28.7947
440	440	290	SLU_ENV	Min	0.	-285.485	-31.0963	-24.5905
440	440	308	SLU_ENV	Min	0.	-281.5209	-37.0336	-17.2594
440	440	307	SLU_ENV	Min	0.	-87.9592	-7.2024	-21.4635
440	440	288	SLV_Ex		72.52	498.3439	86.8691	0.0076
440	440	290	SLV_Ex		135.43	245.6375	35.0899	-5.1418
440	440	308	SLV_Ex		140.2	240.433	38.6223	-6.3439
440	440	307	SLV_Ex		105.53	492.9478	90.6432	-1.1946
441	441	290	SLU_ENV	Max	0.	-81.8945	-8.1094	-4.7747
441	441	292	SLU_ENV	Max	0.	-116.761	-12.1123	-3.3749
441	441	309	SLU_ENV	Max	0.	-115.3425	-13.4711	-1.0143
441	441	308	SLU_ENV	Max	0.	-80.5597	-9.38	-2.4141
441	441	290	SLU_ENV	Min	0.	-283.8736	-32.9143	-24.2067
441	441	292	SLU_ENV	Min	0.	-389.9539	-45.8111	-15.1867
441	441	309	SLU_ENV	Min	0.	-379.3477	-46.5091	-8.6089
441	441	308	SLU_ENV	Min	0.	-273.5732	-33.3037	-17.6289
441	441	290	SLV_Ex		95.97	247.9083	36.5952	-10.8306
441	441	292	SLV_Ex		60.29	17.35	3.354	-18.7658
441	441	309	SLV_Ex		95.67	8.3762	3.3538	-8.6535
441	441	308	SLV_Ex		133.24	238.4131	37.1672	-0.7183
442	442	292	SLU_ENV	Max	0.	-117.2646	-12.2402	-2.6407
442	442	294	SLU_ENV	Max	0.	-128.3581	-13.3247	-0.455
442	442	310	SLU_ENV	Max	0.	-126.0123	-14.4793	1.2002
442	442	309	SLU_ENV	Max	0.	-114.9469	-13.3648	-1.7368
442	442	292	SLU_ENV	Min	0.	-389.7136	-46.3939	-13.0893
442	442	294	SLU_ENV	Min	0.	-423.2643	-50.0445	-1.2217
442	442	310	SLU_ENV	Min	0.	-409.074	-48.8974	0.4489
442	442	309	SLU_ENV	Min	0.	-375.6316	-45.135	-10.6674
442	442	292	SLV_Ex		93.49	10.0273	3.0717	-19.8155
442	442	294	SLV_Ex		107.22	-188.6908	-21.2508	-18.4343
442	442	310	SLV_Ex		111.93	-186.9508	-22.0924	-6.2151
442	442	309	SLV_Ex		98.41	11.2905	2.7543	-7.5963
443	443	294	SLU_ENV	Max	0.	-128.3581	-13.3247	1.2218
443	443	296	SLU_ENV	Max	0.	-117.2641	-12.2401	13.0895
443	443	311	SLU_ENV	Max	0.	-114.9463	-13.3647	10.6675
443	443	310	SLU_ENV	Max	0.	-126.0122	-14.4793	-0.4489
443	443	294	SLU_ENV	Min	0.	-423.2643	-50.0445	0.455

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
443	443	296	SLU_ENV	Min	0.	-389.7115	-46.3936	2.6407
443	443	311	SLU_ENV	Min	0.	-375.6293	-45.1347	1.7368
443	443	310	SLU_ENV	Min	0.	-409.0738	-48.8973	-1.2002
443	443	294	SLV_Ex		128.94	-192.3098	-21.249	-16.8943
443	443	296	SLV_Ex		121.16	-349.8927	-41.1871	-12.5591
443	443	311	SLV_Ex		110.49	-345.0163	-43.3472	-3.3994
443	443	310	SLV_Ex		121.3	-187.8123	-22.9902	-7.7347
444	444	296	SLU_ENV	Max	0.	-116.7604	-12.1122	15.1868
444	444	298	SLU_ENV	Max	0.	-81.8934	-8.1092	24.2064
444	444	312	SLU_ENV	Max	0.	-80.5587	-9.3798	17.6287
444	444	311	SLU_ENV	Max	0.	-115.342	-13.471	8.6091
444	444	296	SLU_ENV	Min	0.	-389.9514	-45.8108	3.3749
444	444	298	SLU_ENV	Min	0.	-283.8694	-32.9135	4.7747
444	444	312	SLU_ENV	Min	0.	-273.5694	-33.3029	2.4141
444	444	311	SLU_ENV	Min	0.	-379.3457	-46.5088	1.0144
444	444	296	SLV_Ex		145.44	-354.1047	-40.8859	-9.2316
444	444	298	SLV_Ex		156.87	-456.4686	-58.049	0.9461
444	444	312	SLV_Ex		138.54	-445.1061	-61.488	3.4858
444	444	311	SLV_Ex		121.48	-342.9563	-44.0788	-6.6919
445	445	298	SLU_ENV	Max	0.	-81.6642	-7.8165	24.5904
445	445	306	SLU_ENV	Max	0.	-18.637	1.5453	28.7946
445	445	313	SLU_ENV	Max	0.	-18.4139	-0.3257	21.4632
445	445	312	SLU_ENV	Max	0.	-81.3448	-9.7839	17.259
445	445	298	SLU_ENV	Min	0.	-285.4808	-31.0955	4.8805
445	445	306	SLU_ENV	Min	0.	-91.5361	-1.6182	5.4393
445	445	313	SLU_ENV	Min	0.	-87.9542	-7.2016	2.8701
445	445	312	SLU_ENV	Min	0.	-281.5166	-37.0327	2.3113
445	445	298	SLV_Ex		189.13	-450.7924	-55.4063	6.4689
445	445	306	SLV_Ex		162.58	-475.2549	-70.7442	10.0594
445	445	313	SLV_Ex		89.66	-472.7582	-78.8042	1.6286
445	445	312	SLV_Ex		126.75	-448.1247	-63.5992	-1.9619
446	446	306	SLU_ENV	Max	0.	-18.1191	3.828	27.79
446	446	734	SLU_ENV	Max	0.	209.4953	57.474	24.687
446	446	718	SLU_ENV	Max	0.	201.8959	38.5126	19.3511
446	446	313	SLU_ENV	Max	0.	-19.4987	-1.4343	22.4542
446	446	306	SLU_ENV	Min	0.	-92.827	2.5404	5.246
446	446	734	SLU_ENV	Min	0.	79.0661	19.2083	4.7027
446	446	718	SLU_ENV	Min	0.	77.6006	15.3024	2.5182
446	446	313	SLU_ENV	Min	0.	-100.1042	-15.336	3.0615
446	446	306	SLV_Ex		89.7	-476.4807	-66.4346	8.1437
446	446	734	SLV_Ex		124.47	-395.4183	-55.9724	6.5097
446	446	718	SLV_Ex		153.1	-401.166	-74.657	1.9161
446	446	313	SLV_Ex		123.97	-482.0377	-85.2147	3.5501
447	447	547	SLU_ENV	Max	0.	197.6318	47.9641	-2.6996
447	447	307	SLU_ENV	Max	0.	-18.365	0.0672	-2.8275
447	447	314	SLU_ENV	Max	0.	-18.8958	-2.0301	-1.4221
447	447	120	SLU_ENV	Max	0.	194.188	36.8253	-1.2942
447	447	547	SLU_ENV	Min	0.	77.1407	17.1811	-20.2764
447	447	307	SLU_ENV	Min	0.	-92.0292	-5.6908	-21.3806
447	447	314	SLU_ENV	Min	0.	-95.3747	-16.9057	-18.3711
447	447	120	SLU_ENV	Min	0.	76.5744	15.1328	-17.2668
447	447	547	SLV_Ex		45.56	766.4298	150.6888	8.0531
447	447	307	SLV_Ex		45.73	500.6064	97.6923	-1.1685
447	447	314	SLV_Ex		61.45	490.5429	95.0804	-1.277

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
447	447	120	SLV_Ex		92.09	756.0875	148.4419	7.9445
448	448	307	SLU_ENV	Max	0.	-18.763	-0.1974	-2.8317
448	448	308	SLU_ENV	Max	0.	-81.152	-10.6824	-2.3183
448	448	315	SLU_ENV	Max	0.	-80.9102	-12.3277	-0.9052
448	448	314	SLU_ENV	Max	0.	-18.5669	-1.7794	-1.4186
448	448	307	SLU_ENV	Min	0.	-91.3946	-8.4537	-21.4988
448	448	308	SLU_ENV	Min	0.	-279.2121	-41.4155	-17.1433
448	448	315	SLU_ENV	Min	0.	-275.3687	-45.6124	-13.9046
448	448	314	SLU_ENV	Min	0.	-87.6996	-12.4807	-18.2601
448	448	307	SLV_Ex		104.03	495.5899	95.8903	-2.4821
448	448	308	SLV_Ex		106.69	240.8603	48.7224	-4.872
448	448	315	SLV_Ex		75.81	238.5389	48.7623	-2.3633
448	448	314	SLV_Ex		70.88	492.9771	96.366	0.0267
449	449	308	SLU_ENV	Max	0.	-81.0429	-10.8331	-2.0657
449	449	309	SLU_ENV	Max	0.	-115.7532	-16.4876	-1.349
449	449	316	SLU_ENV	Max	0.	-115.2355	-17.7886	-0.4376
449	449	315	SLU_ENV	Max	0.	-80.5596	-12.0851	-1.1543
449	449	308	SLU_ENV	Min	0.	-276.964	-42.8573	-16.61
449	449	309	SLU_ENV	Min	0.	-380.6631	-60.4862	-9.5918
449	449	316	SLU_ENV	Min	0.	-373.1622	-60.3539	-7.4139
449	449	315	SLU_ENV	Min	0.	-269.5879	-42.5648	-14.4321
449	449	308	SLV_Ex		93.23	240.6813	48.9396	-4.355
449	449	309	SLV_Ex		120.58	8.7689	4.8861	-4.9171
449	449	316	SLV_Ex		121.19	8.2301	4.3638	-3.432
449	449	315	SLV_Ex		98.95	239.8995	48.7814	-2.8699
450	450	309	SLU_ENV	Max	0.	-115.6287	-16.5303	-1.0856
450	450	310	SLU_ENV	Max	0.	-126.7067	-18.1955	-0.1946
450	450	317	SLU_ENV	Max	0.	-125.99	-19.3475	0.4763
450	450	316	SLU_ENV	Max	0.	-114.9278	-17.6594	-0.6957
450	450	309	SLU_ENV	Min	0.	-379.2028	-60.9879	-8.9723
450	450	310	SLU_ENV	Min	0.	-412.1372	-66.2167	-0.4855
450	450	317	SLU_ENV	Min	0.	-402.7562	-64.1991	0.1888
450	450	316	SLU_ENV	Min	0.	-369.8726	-58.9021	-8.017
450	450	309	SLV_Ex		119.75	11.8087	5.5366	-6.1595
450	450	310	SLV_Ex		101.29	-188.2408	-28.7332	-7.5511
450	450	317	SLV_Ex		99.72	-189.777	-30.0383	-3.5924
450	450	316	SLV_Ex		119.69	9.9786	4.671	-2.2008
451	451	310	SLU_ENV	Max	0.	-126.7067	-18.1955	0.4856
451	451	311	SLU_ENV	Max	0.	-115.6282	-16.5302	8.9721
451	451	318	SLU_ENV	Max	0.	-114.9273	-17.6593	8.0168
451	451	317	SLU_ENV	Max	0.	-125.99	-19.3475	-0.1886
451	451	310	SLU_ENV	Min	0.	-412.137	-66.2167	0.1948
451	451	311	SLU_ENV	Min	0.	-379.2004	-60.9874	1.0856
451	451	318	SLU_ENV	Min	0.	-369.8706	-58.9017	0.6957
451	451	317	SLU_ENV	Min	0.	-402.7564	-64.1991	-0.4762
451	451	310	SLV_Ex		110.75	-188.7596	-28.3641	-6.9597
451	451	311	SLV_Ex		124.92	-347.6897	-56.0767	-4.0961
451	451	318	SLV_Ex		117.43	-344.8774	-57.8445	-1.3039
451	451	317	SLV_Ex		103.05	-186.1738	-29.7905	-4.1676
452	452	311	SLU_ENV	Max	0.	-115.7527	-16.4875	9.5917
452	452	312	SLU_ENV	Max	0.	-81.0419	-10.8329	16.6102
452	452	319	SLU_ENV	Max	0.	-80.5586	-12.0849	14.4322
452	452	318	SLU_ENV	Max	0.	-115.2349	-17.7884	7.4136
452	452	311	SLU_ENV	Min	0.	-380.661	-60.4857	1.3489

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
452	452	312	SLU_ENV	Min	0.	-276.9602	-42.8567	2.0657
452	452	319	SLU_ENV	Min	0.	-269.5839	-42.5641	1.1543
452	452	318	SLU_ENV	Min	0.	-373.1598	-60.3534	0.4375
452	452	311	SLV_Ex		134.51	-344.6705	-55.2068	-2.1619
452	452	312	SLV_Ex		113.81	-448.7861	-77.3312	-0.9999
452	452	319	SLV_Ex		89.85	-448.0761	-80.2217	-2.0445
452	452	318	SLV_Ex		113.86	-344.0551	-57.9462	-3.2066
453	453	312	SLU_ENV	Max	0.	-81.1509	-10.6822	17.1433
453	453	313	SLU_ENV	Max	0.	-18.7617	-0.1971	21.4981
453	453	320	SLU_ENV	Max	0.	-18.5657	-1.7791	18.2597
453	453	319	SLU_ENV	Max	0.	-80.9093	-12.3275	13.9049
453	453	312	SLU_ENV	Min	0.	-279.2078	-41.4148	2.3183
453	453	313	SLU_ENV	Min	0.	-91.3896	-8.4526	2.8316
453	453	320	SLU_ENV	Min	0.	-87.6953	-12.4796	1.4185
453	453	319	SLU_ENV	Min	0.	-275.3651	-45.6117	0.9052
453	453	312	SLV_Ex		100.25	-448.1902	-76.4434	-0.6665
453	453	313	SLV_Ex		109.4	-476.3686	-84.3399	0.3894
453	453	320	SLV_Ex		102.12	-476.146	-88.9651	-1.3094
453	453	319	SLV_Ex		91.82	-448.0159	-80.9783	-2.3652
454	454	313	SLU_ENV	Max	0.	-18.3638	0.0675	21.3802
454	454	718	SLU_ENV	Max	0.	197.6358	47.9648	20.276
454	454	331	SLU_ENV	Max	0.	194.1922	36.8261	17.2663
454	454	320	SLU_ENV	Max	0.	-18.8945	-2.0298	18.3705
454	454	313	SLU_ENV	Min	0.	-92.0244	-5.6896	2.8274
454	454	718	SLU_ENV	Min	0.	77.1417	17.1813	2.6995
454	454	331	SLU_ENV	Min	0.	76.5755	15.133	1.2941
454	454	320	SLU_ENV	Min	0.	-95.3698	-16.9045	1.422
454	454	313	SLV_Ex		131.68	-479.2952	-84.9731	1.1752
454	454	718	SLV_Ex		153.24	-403.802	-74.3658	4.268
454	454	331	SLV_Ex		135.9	-401.3585	-78.4086	1.0198
454	454	320	SLV_Ex		109.91	-476.8419	-89.0563	-2.073
455	455	120	SLU_ENV	Max	0.	192.2741	43.6436	-1.4449
455	455	314	SLU_ENV	Max	0.	-18.8252	-1.717	-1.2133
455	455	321	SLU_ENV	Max	0.	-18.7345	-2.8159	-0.3476
455	455	7	SLU_ENV	Max	0.	190.8935	35.9618	-0.5791
455	455	120	SLU_ENV	Min	0.	76.8186	16.3936	-17.7918
455	455	314	SLU_ENV	Min	0.	-91.0216	-11.5282	-17.6823
455	455	321	SLU_ENV	Min	0.	-92.4154	-19.1584	-16.4293
455	455	7	SLU_ENV	Min	0.	76.8897	15.3142	-16.5388
455	455	120	SLV_Ex		84.08	754.7096	152.3324	6.6153
455	455	314	SLV_Ex		54.9	493.8331	100.7512	0.227
455	455	321	SLV_Ex		48.85	484.6532	94.839	0.4997
455	455	7	SLV_Ex		73.6	745.1304	146.7102	6.8881
456	456	314	SLU_ENV	Max	0.	-18.6774	-1.5848	-1.2192
456	456	315	SLU_ENV	Max	0.	-80.8967	-13.0075	-1.0687
456	456	322	SLU_ENV	Max	0.	-80.9575	-14.3731	-0.1917
456	456	321	SLU_ENV	Max	0.	-18.7691	-2.9254	-0.3422
456	456	314	SLU_ENV	Min	0.	-90.5183	-13.6357	-17.8362
456	456	315	SLU_ENV	Min	0.	-273.3335	-48.3752	-14.229
456	456	322	SLU_ENV	Min	0.	-269.0737	-50.4919	-12.6787
456	456	321	SLU_ENV	Min	0.	-86.3267	-15.7325	-16.286
456	456	314	SLV_Ex		62.75	493.2534	99.3933	5.442E-04
456	456	315	SLV_Ex		80.18	239.0403	49.6235	-2.1893
456	456	322	SLV_Ex		88.89	235.8889	47.116	-1.4482

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
456	456	321	SLV_Ex		69.62	489.8078	97.1119	0.7417
457	457	315	SLU_ENV	Max	0.	-80.8313	-13.009	-0.9418
457	457	316	SLU_ENV	Max	0.	-115.4314	-19.203	-0.6305
457	457	323	SLU_ENV	Max	0.	-115.2784	-20.5235	0.1149
457	457	322	SLU_ENV	Max	0.	-80.7054	-14.3081	-0.317
457	457	315	SLU_ENV	Min	0.	-272.4486	-49.8456	-14.0152
457	457	316	SLU_ENV	Min	0.	-373.4314	-68.7227	-7.7806
457	457	323	SLU_ENV	Min	0.	-364.9702	-66.7524	-6.779
457	457	322	SLU_ENV	Min	0.	-264.056	-47.8409	-12.8929
457	457	315	SLV_Ex		105.76	240.21	49.435	-2.6659
457	457	316	SLV_Ex		99.49	8.2127	5.1755	-3.4884
457	457	323	SLV_Ex		81.35	7.0179	3.591	-1.7978
457	457	322	SLV_Ex		87.49	238.7035	48.1013	-0.9753
458	458	316	SLU_ENV	Max	0.	-115.2727	-19.2	-0.4064
458	458	317	SLU_ENV	Max	0.	-126.3237	-21.1997	-0.0067
458	458	324	SLU_ENV	Max	0.	-126.1664	-22.4702	0.2375
458	458	323	SLU_ENV	Max	0.	-115.1239	-20.4639	-0.2259
458	458	316	SLU_ENV	Min	0.	-372.4196	-69.3614	-7.3727
458	458	317	SLU_ENV	Min	0.	-404.5441	-75.4143	-0.2423
458	458	324	SLU_ENV	Min	0.	-394.4456	-71.4553	0.0059
458	458	323	SLU_ENV	Min	0.	-362.3486	-65.387	-7.0609
458	458	316	SLV_Ex		96.2	10.1163	5.5412	-3.0456
458	458	317	SLV_Ex		111.43	-190.4221	-33.4455	-2.6409
458	458	324	SLV_Ex		105.54	-190.0515	-34.9462	-1.8261
458	458	323	SLV_Ex		91.42	10.2307	4.2485	-2.2308
459	459	317	SLU_ENV	Max	0.	-126.3237	-21.1997	0.2422
459	459	318	SLU_ENV	Max	0.	-115.2722	-19.1999	7.3729
459	459	325	SLU_ENV	Max	0.	-115.1233	-20.4638	7.0611
459	459	324	SLU_ENV	Max	0.	-126.1663	-22.4702	-0.006
459	459	317	SLU_ENV	Min	0.	-404.5443	-75.4143	0.0066
459	459	318	SLU_ENV	Min	0.	-372.4177	-69.3611	0.4065
459	459	325	SLU_ENV	Min	0.	-362.3463	-65.3865	0.2259
459	459	324	SLU_ENV	Min	0.	-394.4454	-71.4553	-0.2376
459	459	317	SLV_Ex		113.83	-186.6645	-32.7589	-2.4137
459	459	318	SLV_Ex		99.15	-346.2291	-64.0881	-2.9701
459	459	325	SLV_Ex		86.79	-347.1924	-65.9421	-2.6018
459	459	324	SLV_Ex		102.47	-187.8401	-34.4391	-2.0453
460	460	318	SLU_ENV	Max	0.	-115.4308	-19.2029	7.7807
460	460	319	SLU_ENV	Max	0.	-80.8303	-13.0088	14.0149
460	460	332	SLU_ENV	Max	0.	-80.7045	-14.3079	12.8926
460	460	325	SLU_ENV	Max	0.	-115.2779	-20.5234	6.7791
460	460	318	SLU_ENV	Min	0.	-373.429	-68.7222	0.6305
460	460	319	SLU_ENV	Min	0.	-272.4446	-49.8448	0.9417
460	460	332	SLU_ENV	Min	0.	-264.0524	-47.8402	0.3169
460	460	325	SLU_ENV	Min	0.	-364.9683	-66.7521	-0.1149
460	460	318	SLV_Ex		94.92	-344.7077	-63.6475	-2.7133
460	460	319	SLV_Ex		102.55	-449.4442	-84.6244	-2.4664
460	460	332	SLV_Ex		93.23	-449.4541	-86.7187	-2.6011
460	460	325	SLV_Ex		85.89	-344.8724	-65.6144	-2.848
461	461	319	SLU_ENV	Max	0.	-80.8958	-13.0073	14.2287
461	461	320	SLU_ENV	Max	0.	-18.6763	-1.5846	17.8363
461	461	333	SLU_ENV	Max	0.	-18.7679	-2.9252	16.2859
461	461	332	SLU_ENV	Max	0.	-80.9565	-14.3729	12.6784
461	461	319	SLU_ENV	Min	0.	-273.3299	-48.3744	1.0686

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
461	461	320	SLU_ENV	Min	0.	-90.514	-13.6348	1.2192
461	461	333	SLU_ENV	Min	0.	-86.3221	-15.7317	0.3422
461	461	332	SLU_ENV	Min	0.	-269.0698	-50.4911	0.1916
461	461	319	SLV_Ex		101.64	-448.4412	-84.6372	-1.8428
461	461	320	SLV_Ex		103.8	-477.0272	-91.8385	-1.8149
461	461	333	SLV_Ex		94.03	-477.3081	-93.6228	-3.18
461	461	332	SLV_Ex		94.21	-448.7909	-86.3728	-3.2079
462	462	320	SLU_ENV	Max	0.	-18.8239	-1.7168	17.6822
462	462	331	SLU_ENV	Max	0.	192.2782	43.6445	17.7908
462	462	349	SLU_ENV	Max	0.	190.8964	35.9625	16.5379
462	462	333	SLU_ENV	Max	0.	-18.7335	-2.8157	16.4294
462	462	320	SLU_ENV	Min	0.	-91.0167	-11.5273	1.2133
462	462	331	SLU_ENV	Min	0.	76.8196	16.3938	1.4447
462	462	349	SLU_ENV	Min	0.	76.8905	15.3144	0.5789
462	462	333	SLU_ENV	Min	0.	-92.4116	-19.1578	0.3475
462	462	320	SLV_Ex		111.85	-479.3057	-93.4269	-2.0482
462	462	331	SLV_Ex		142.08	-399.7914	-78.5208	0.9659
462	462	349	SLV_Ex		132.68	-395.5838	-77.232	0.0628
462	462	333	SLV_Ex		101.81	-475.2212	-92.0727	-2.9513
463	463	7	SLU_ENV	Max	0.	188.8723	40.7848	-0.5505
463	463	321	SLU_ENV	Max	0.	-18.9513	-2.8532	-0.3096
463	463	334	SLU_ENV	Max	0.	-18.724	-3.2912	0.5371
463	463	35	SLU_ENV	Max	0.	188.2615	35.6304	-0.089
463	463	7	SLU_ENV	Min	0.	77.22	15.9192	-16.5317
463	463	321	SLU_ENV	Min	0.	-88.5135	-14.5782	-16.2475
463	463	334	SLU_ENV	Min	0.	-89.2064	-19.6232	-16.6608
463	463	35	SLU_ENV	Min	0.	77.4404	15.49	-16.5598
463	463	7	SLV_Ex		59.05	744.1751	150.6584	5.8942
463	463	321	SLV_Ex		50.11	487.1219	98.4577	1.656
463	463	334	SLV_Ex		51.94	480.7797	93.2876	0.7491
463	463	35	SLV_Ex		64.13	737.5738	145.6797	4.9873
464	464	321	SLU_ENV	Max	0.	-18.7032	-2.6658	-0.2865
464	464	322	SLU_ENV	Max	0.	-81.0437	-14.735	-0.2054
464	464	335	SLU_ENV	Max	0.	-81.0873	-15.518	0.5965
464	464	334	SLU_ENV	Max	0.	-18.7607	-3.4363	0.4653
464	464	321	SLU_ENV	Min	0.	-88.9026	-16.7615	-16.2619
464	464	322	SLU_ENV	Min	0.	-267.0574	-52.2606	-12.5887
464	464	335	SLU_ENV	Min	0.	-262.2806	-51.9454	-12.9841
464	464	334	SLU_ENV	Min	0.	-84.1013	-16.4967	-16.6071
464	464	321	SLV_Ex		74.33	489.2985	98.0291	0.786
464	464	322	SLV_Ex		74.06	236.9001	48.7085	-1.3166
464	464	335	SLV_Ex		58.15	233.732	45.6478	-0.4835
464	464	334	SLV_Ex		58.44	485.8685	95.1693	1.6191
465	465	322	SLU_ENV	Max	0.	-80.7968	-14.6365	-0.1462
465	465	323	SLU_ENV	Max	0.	-115.4041	-21.2805	-0.1441
465	465	336	SLU_ENV	Max	0.	-115.5646	-22.1969	0.3855
465	465	335	SLU_ENV	Max	0.	-80.9686	-15.5433	0.4698
465	465	322	SLU_ENV	Min	0.	-266.6172	-53.5916	-12.6277
465	465	323	SLU_ENV	Min	0.	-364.8194	-73.0539	-6.8728
465	465	336	SLU_ENV	Min	0.	-356.6518	-69.2087	-7.0415
465	465	335	SLU_ENV	Min	0.	-258.4541	-49.7611	-12.8828
465	465	322	SLV_Ex		72.82	238.5507	48.561	-1.0278
465	465	323	SLV_Ex		84.66	7.0964	2.7599	-1.5973
465	465	336	SLV_Ex		81.58	6.108	0.8885	-1.3322

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
465	465	335	SLV_Ex		70.03	237.3571	46.8505	-0.7628
466	466	323	SLU_ENV	Max	0.	-115.288	-21.2431	-0.0468
466	466	324	SLU_ENV	Max	0.	-126.3305	-23.3321	0.0377
466	466	337	SLU_ENV	Max	0.	-126.4812	-24.2806	0.1251
466	466	336	SLU_ENV	Max	0.	-115.4443	-22.187	0.2063
466	466	323	SLU_ENV	Min	0.	-364.4596	-73.6862	-6.8801
466	466	324	SLU_ENV	Min	0.	-395.6689	-79.8274	-0.1279
466	466	337	SLU_ENV	Min	0.	-385.779	-74.2271	-0.0352
466	466	336	SLU_ENV	Min	0.	-354.5734	-68.0888	-6.953
466	466	323	SLV_Ex		94.94	9.9764	3.0274	-1.6102
466	466	324	SLV_Ex		87.95	-190.3592	-36.5351	-2.3139
466	466	337	SLV_Ex		74.	-191.446	-38.0031	-2.0209
466	466	336	SLV_Ex		80.73	8.6954	1.7145	-1.3172
467	467	324	SLU_ENV	Max	0.	-126.3305	-23.3321	0.128
467	467	325	SLU_ENV	Max	0.	-115.2874	-21.243	6.88
467	467	338	SLU_ENV	Max	0.	-115.4438	-22.1869	6.9529
467	467	337	SLU_ENV	Max	0.	-126.4812	-24.2806	0.0353
467	467	324	SLU_ENV	Min	0.	-395.6687	-79.8274	-0.0376
467	467	325	SLU_ENV	Min	0.	-364.4572	-73.6857	0.0467
467	467	338	SLU_ENV	Min	0.	-354.5716	-68.0884	-0.2064
467	467	337	SLU_ENV	Min	0.	-385.7793	-74.2271	-0.1251
467	467	324	SLV_Ex		83.98	-188.1558	-36.2309	-2.1533
467	467	325	SLV_Ex		93.09	-347.649	-68.0121	-2.3896
467	467	338	SLV_Ex		86.51	-348.108	-69.2356	-2.4104
467	467	337	SLV_Ex		78.28	-188.7692	-37.3312	-2.1742
468	468	325	SLU_ENV	Max	0.	-115.4036	-21.2804	6.8726
468	468	332	SLU_ENV	Max	0.	-80.7959	-14.6363	12.6277
468	468	339	SLU_ENV	Max	0.	-80.9677	-15.5432	12.8829
468	468	338	SLU_ENV	Max	0.	-115.5641	-22.1968	7.0414
468	468	325	SLU_ENV	Min	0.	-364.8175	-73.0535	0.144
468	468	332	SLU_ENV	Min	0.	-266.6137	-53.5909	0.1462
468	468	339	SLU_ENV	Min	0.	-258.4502	-49.7604	-0.4698
468	468	338	SLU_ENV	Min	0.	-356.6495	-69.2083	-0.3857
468	468	325	SLV_Ex		91.6	-345.3481	-67.8264	-2.2953
468	468	332	SLV_Ex		87.74	-449.8483	-88.856	-3.0867
468	468	339	SLV_Ex		81.68	-450.9867	-89.7745	-3.2881
468	468	338	SLV_Ex		85.5	-346.5977	-68.6591	-2.4968
469	469	332	SLU_ENV	Max	0.	-81.0428	-14.7348	12.5888
469	469	333	SLU_ENV	Max	0.	-18.7021	-2.6656	16.2614
469	469	340	SLU_ENV	Max	0.	-18.7597	-3.4361	16.6069
469	469	339	SLU_ENV	Max	0.	-81.0865	-15.5179	12.9842
469	469	332	SLU_ENV	Min	0.	-267.0534	-52.2599	0.2054
469	469	333	SLU_ENV	Min	0.	-88.898	-16.7606	0.2865
469	469	340	SLU_ENV	Min	0.	-84.0975	-16.4959	-0.4656
469	469	339	SLU_ENV	Min	0.	-262.2775	-51.9448	-0.5965
469	469	332	SLV_Ex		88.95	-449.845	-89.2941	-3.3804
469	469	333	SLV_Ex		103.45	-476.9583	-94.2229	-2.9813
469	469	340	SLV_Ex		101.89	-476.3396	-94.0121	-2.5939
469	469	339	SLV_Ex		86.99	-449.3359	-89.0057	-2.993
470	470	333	SLU_ENV	Max	0.	-18.9502	-2.853	16.2469
470	470	349	SLU_ENV	Max	0.	188.8752	40.7856	16.5314
470	470	367	SLU_ENV	Max	0.	188.2647	35.631	16.5598
470	470	340	SLU_ENV	Max	0.	-18.723	-3.291	16.6605
470	470	333	SLU_ENV	Min	0.	-88.5097	-14.5773	0.3095

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
470	470	349	SLU_ENV	Min	0.	77.2208	15.9194	0.5504
470	470	367	SLU_ENV	Min	0.	77.4412	15.4902	0.0888
470	470	340	SLU_ENV	Min	0.	-89.2023	-19.6224	-0.5374
470	470	333	SLV_Ex		109.83	-477.7638	-95.3663	-2.5905
470	470	349	SLV_Ex		132.71	-394.0667	-79.0657	-0.3632
470	470	367	SLV_Ex		132.63	-390.6184	-76.3816	-0.7512
470	470	340	SLV_Ex		110.09	-474.3946	-92.6408	-2.9786
471	471	35	SLU_ENV	Max	0.	185.8068	39.0936	0.0686
471	471	334	SLU_ENV	Max	0.	-18.9447	-3.4482	0.5343
471	471	341	SLU_ENV	Max	0.	-18.7256	-3.5571	0.867
471	471	62	SLU_ENV	Max	0.	185.2801	35.0326	0.4013
471	471	35	SLU_ENV	Min	0.	77.6737	15.7102	-16.5001
471	471	334	SLU_ENV	Min	0.	-85.2175	-15.415	-16.6177
471	471	341	SLU_ENV	Min	0.	-85.8646	-19.3318	-17.1325
471	471	62	SLU_ENV	Min	0.	77.8903	15.6059	-17.015
471	471	35	SLV_Ex		59.65	737.2841	148.2988	4.1054
471	471	334	SLV_Ex		48.7	482.2437	96.5399	1.8019
471	471	341	SLV_Ex		42.22	478.7001	93.1146	0.9591
471	471	62	SLV_Ex		53.55	733.5548	145.0161	3.2627
472	472	334	SLU_ENV	Max	0.	-18.6476	-3.2711	0.6022
472	472	335	SLU_ENV	Max	0.	-81.2014	-15.688	0.5575
472	472	342	SLU_ENV	Max	0.	-81.264	-16.0949	0.7543
472	472	341	SLU_ENV	Max	0.	-18.715	-3.6726	0.7989
472	472	334	SLU_ENV	Min	0.	-86.5471	-17.8996	-16.6357
472	472	335	SLU_ENV	Min	0.	-260.3318	-53.0273	-12.8912
472	472	342	SLU_ENV	Min	0.	-255.2715	-51.2697	-13.3801
472	472	341	SLU_ENV	Min	0.	-81.4228	-16.2248	-17.1246
472	472	334	SLV_Ex		55.05	485.5527	96.7213	1.4831
472	472	335	SLV_Ex		59.52	234.5224	46.4687	-0.1846
472	472	342	SLV_Ex		57.13	231.9834	44.0521	-0.3842
472	472	341	SLV_Ex		52.72	482.8551	94.426	1.2835
473	473	335	SLU_ENV	Max	0.	-80.9523	-15.5798	0.5909
473	473	336	SLU_ENV	Max	0.	-115.6397	-22.4543	0.3177
473	473	343	SLU_ENV	Max	0.	-115.8136	-23.0066	0.4489
473	473	342	SLU_ENV	Max	0.	-81.1319	-16.1268	0.7221
473	473	335	SLU_ENV	Min	0.	-260.6706	-54.4945	-12.9706
473	473	336	SLU_ENV	Min	0.	-356.3179	-73.8884	-6.9197
473	473	343	SLU_ENV	Min	0.	-347.7704	-68.5855	-7.2586
473	473	342	SLU_ENV	Min	0.	-252.0921	-49.2344	-13.3095
473	473	335	SLV_Ex		71.57	237.0409	46.5994	-0.4376
473	473	336	SLV_Ex		68.99	6.3929	0.9827	-1.5
473	473	343	SLV_Ex		57.32	4.7888	-0.6563	-1.1933
473	473	342	SLV_Ex		59.39	235.2785	45.0841	-0.1308
474	474	336	SLU_ENV	Max	0.	-115.4847	-22.4026	0.3666
474	474	337	SLU_ENV	Max	0.	-126.5479	-24.6009	0.0589
474	474	350	SLU_ENV	Max	0.	-126.7811	-25.2079	0.0172
474	474	343	SLU_ENV	Max	0.	-115.7192	-23.0085	0.4025
474	474	336	SLU_ENV	Min	0.	-356.2845	-74.562	-7.0364
474	474	337	SLU_ENV	Min	0.	-386.6629	-80.7289	-0.0187
474	474	350	SLU_ENV	Min	0.	-376.5158	-73.732	-0.0551
474	474	343	SLU_ENV	Min	0.	-346.1299	-67.5771	-7.1504
474	474	336	SLV_Ex		67.8	8.454	1.1654	-1.3857
474	474	337	SLV_Ex		76.41	-191.429	-38.5761	-1.821
474	474	350	SLV_Ex		72.41	-192.1424	-39.7003	-1.7369

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
474	474	343	SLV_Ex		64.73	7.6166	0.1387	-1.3016
475	475	337	SLU_ENV	Max	0.	-126.548	-24.6009	0.0186
475	475	338	SLU_ENV	Max	0.	-115.4842	-22.4025	7.0365
475	475	351	SLU_ENV	Max	0.	-115.7186	-23.0084	7.1505
475	475	350	SLU_ENV	Max	0.	-126.781	-25.2079	0.0549
475	475	337	SLU_ENV	Min	0.	-386.6631	-80.7289	-0.0591
475	475	338	SLU_ENV	Min	0.	-356.2827	-74.5617	-0.3665
475	475	351	SLU_ENV	Min	0.	-346.1276	-67.5767	-0.4024
475	475	350	SLU_ENV	Min	0.	-376.5157	-73.732	-0.0173
475	475	337	SLV_Ex		80.49	-189.0723	-38.3537	-1.8548
475	475	338	SLV_Ex		78.18	-348.1378	-69.8776	-2.6239
475	475	351	SLV_Ex		70.87	-349.2277	-70.6841	-2.469
475	475	350	SLV_Ex		72.29	-190.269	-39.0767	-1.6999
476	476	338	SLU_ENV	Max	0.	-115.6392	-22.4542	6.9197
476	476	339	SLU_ENV	Max	0.	-80.9514	-15.5797	12.9704
476	476	352	SLU_ENV	Max	0.	-81.1311	-16.1267	13.3093
476	476	351	SLU_ENV	Max	0.	-115.8131	-23.0065	7.2586
476	476	338	SLU_ENV	Min	0.	-356.3156	-73.888	-0.3176
476	476	339	SLU_ENV	Min	0.	-260.6667	-54.4938	-0.5911
476	476	352	SLU_ENV	Min	0.	-252.0888	-49.2337	-0.7223
476	476	351	SLU_ENV	Min	0.	-347.7687	-68.5851	-0.4488
476	476	338	SLV_Ex		77.35	-347.0758	-69.8999	-2.76
476	476	339	SLV_Ex		87.85	-450.8182	-90.0815	-2.9534
476	476	352	SLV_Ex		87.28	-451.0648	-90.3399	-2.5238
476	476	351	SLV_Ex		77.23	-347.4164	-70.0871	-2.3304
477	477	339	SLU_ENV	Max	0.	-81.2006	-15.6878	12.891
477	477	340	SLU_ENV	Max	0.	-18.6466	-3.2708	16.6357
477	477	353	SLU_ENV	Max	0.	-18.714	-3.6724	17.1246
477	477	352	SLU_ENV	Max	0.	-81.2631	-16.0947	13.3799
477	477	339	SLU_ENV	Min	0.	-260.3286	-53.0267	-0.5577
477	477	340	SLU_ENV	Min	0.	-86.5433	-17.8988	-0.6022
477	477	353	SLU_ENV	Min	0.	-81.4185	-16.224	-0.799
477	477	352	SLU_ENV	Min	0.	-255.2678	-51.2691	-0.7544
477	477	339	SLV_Ex		92.55	-450.2941	-90.4232	-2.9107
477	477	340	SLV_Ex		104.62	-475.8847	-95.1109	-2.664
477	477	353	SLV_Ex		104.04	-475.3836	-94.3865	-2.315
477	477	352	SLV_Ex		91.96	-449.8613	-89.6527	-2.5617
478	478	340	SLU_ENV	Max	0.	-18.9436	-3.4479	16.6177
478	478	367	SLU_ENV	Max	0.	185.81	39.0943	16.4999
478	478	385	SLU_ENV	Max	0.	185.2825	35.0332	17.0148
478	478	353	SLU_ENV	Max	0.	-18.7247	-3.5569	17.1326
478	478	340	SLU_ENV	Min	0.	-85.2133	-15.4141	-0.5344
478	478	367	SLU_ENV	Min	0.	77.6745	15.7104	-0.0691
478	478	385	SLU_ENV	Min	0.	77.8909	15.6061	-0.4017
478	478	353	SLU_ENV	Min	0.	-85.8612	-19.3312	-0.867
478	478	340	SLV_Ex		112.77	-476.2333	-95.8676	-2.6297
478	478	367	SLV_Ex		135.75	-389.8033	-78.2728	-1.161
478	478	385	SLV_Ex		137.13	-387.3862	-75.8535	-0.8818
478	478	353	SLV_Ex		114.45	-473.8918	-93.4012	-2.3505
479	479	62	SLU_ENV	Max	0.	182.4746	38.0379	0.5958
479	479	341	SLU_ENV	Max	0.	-18.8867	-3.6964	0.8292
479	479	354	SLU_ENV	Max	0.	-18.778	-3.6933	0.8116
479	479	89	SLU_ENV	Max	0.	181.6516	34.3249	0.5782
479	479	62	SLU_ENV	Min	0.	78.0365	15.6707	-16.8852

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
479	479	341	SLU_ENV	Min	0.	-81.5865	-14.9747	-17.161
479	479	354	SLU_ENV	Min	0.	-82.5396	-18.5313	-17.355
479	479	89	SLU_ENV	Min	0.	78.1451	15.6753	-17.0792
479	479	62	SLV_Ex		50.61	733.5759	146.7257	2.9121
479	479	341	SLV_Ex		44.02	479.3807	94.9134	1.4765
479	479	354	SLV_Ex		43.16	477.2139	93.048	0.474
479	479	89	SLV_Ex		49.9	731.3145	144.934	1.9096
480	480	341	SLU_ENV	Max	0.	-18.6254	-3.5761	0.875
480	480	342	SLU_ENV	Max	0.	-81.3474	-16.1601	0.7779
480	480	355	SLU_ENV	Max	0.	-81.3816	-16.3245	0.6689
480	480	354	SLU_ENV	Max	0.	-18.6615	-3.738	0.766
480	480	341	SLU_ENV	Min	0.	-83.9753	-17.8534	-17.1257
480	480	342	SLU_ENV	Min	0.	-253.2013	-52.0523	-13.3153
480	480	355	SLU_ENV	Min	0.	-247.9483	-49.4475	-13.5893
480	480	354	SLU_ENV	Min	0.	-78.6378	-15.3499	-17.3998
480	480	341	SLV_Ex		54.37	482.7301	95.3807	1.1302
480	480	342	SLV_Ex		50.75	232.5173	45.1418	-0.0607
480	480	355	SLV_Ex		44.53	230.7481	43.6581	-0.3716
480	480	354	SLV_Ex		48.14	480.8558	93.9789	0.8192
481	481	342	SLU_ENV	Max	0.	-81.0915	-16.073	0.7743
481	481	343	SLU_ENV	Max	0.	-115.8558	-23.0692	0.4511
481	481	356	SLU_ENV	Max	0.	-115.9951	-23.3279	0.35
481	481	355	SLU_ENV	Max	0.	-81.2317	-16.3305	0.6731
481	481	342	SLU_ENV	Min	0.	-254.247	-53.736	-13.358
481	481	343	SLU_ENV	Min	0.	-347.3234	-72.6231	-7.1753
481	481	356	SLU_ENV	Min	0.	-338.4498	-66.2818	-7.3739
481	481	355	SLU_ENV	Min	0.	-245.3289	-47.4491	-13.5566
481	481	342	SLV_Ex		53.29	235.1309	45.4797	-0.2077
481	481	343	SLV_Ex		58.07	5.0634	-0.4166	-0.9646
481	481	356	SLV_Ex		56.28	3.9221	-1.4838	-0.9771
481	481	355	SLV_Ex		52.44	233.9089	44.475	-0.2202
482	482	343	SLU_ENV	Max	0.	-115.7142	-23.0248	0.4192
482	482	350	SLU_ENV	Max	0.	-126.799	-25.2569	0.0525
482	482	357	SLU_ENV	Max	0.	-126.9677	-25.5551	-0.0092
482	482	356	SLU_ENV	Max	0.	-115.8842	-23.3218	0.3829
482	482	343	SLU_ENV	Min	0.	-347.6989	-73.3948	-7.2383
482	482	350	SLU_ENV	Min	0.	-377.2471	-79.4154	0.0089
482	482	357	SLU_ENV	Min	0.	-366.6679	-71.3187	-0.0478
482	482	356	SLU_ENV	Min	0.	-337.1047	-65.3161	-7.3206
482	482	343	SLV_Ex		65.46	7.4366	-0.1221	-1.0764
482	482	350	SLV_Ex		65.	-192.0056	-39.6553	-1.8267
482	482	357	SLV_Ex		58.33	-193.0802	-40.4266	-1.615
482	482	356	SLV_Ex		57.68	6.2829	-0.8315	-0.8648
483	483	350	SLU_ENV	Max	0.	-126.799	-25.2569	-0.0089
483	483	351	SLU_ENV	Max	0.	-115.7137	-23.0247	7.2382
483	483	358	SLU_ENV	Max	0.	-115.8838	-23.3217	7.3204
483	483	357	SLU_ENV	Max	0.	-126.9678	-25.5551	0.0479
483	483	350	SLU_ENV	Min	0.	-377.2469	-79.4154	-0.0524
483	483	351	SLU_ENV	Min	0.	-347.6966	-73.3945	-0.4193
483	483	358	SLU_ENV	Min	0.	-337.1029	-65.3158	-0.383
483	483	357	SLU_ENV	Min	0.	-366.6681	-71.3187	0.0092
483	483	350	SLV_Ex		64.95	-190.4859	-39.4793	-1.8984
483	483	351	SLV_Ex		73.42	-349.0958	-70.7065	-2.1638
483	483	358	SLV_Ex		73.4	-349.4886	-71.1482	-1.8061

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
483	483	357	SLV_Ex		65.85	-190.9432	-39.8712	-1.5407
484	484	351	SLU_ENV	Max	0.	-115.8553	-23.0691	7.1751
484	484	352	SLU_ENV	Max	0.	-81.0906	-16.0728	13.3581
484	484	359	SLU_ENV	Max	0.	-81.2308	-16.3303	13.5567
484	484	358	SLU_ENV	Max	0.	-115.9946	-23.3278	7.3737
484	484	351	SLU_ENV	Min	0.	-347.3216	-72.6228	-0.4513
484	484	352	SLU_ENV	Min	0.	-254.2437	-53.7353	-0.7743
484	484	359	SLU_ENV	Min	0.	-245.3251	-47.4484	-0.6731
484	484	358	SLU_ENV	Min	0.	-338.4477	-66.2814	-0.3501
484	484	351	SLV_Ex		79.49	-347.7936	-70.6635	-2.241
484	484	352	SLV_Ex		86.85	-450.8621	-90.6365	-2.5461
484	484	359	SLV_Ex		84.26	-451.2358	-90.6877	-2.0316
484	484	358	SLV_Ex		76.09	-348.2188	-70.6768	-1.7265
485	485	352	SLU_ENV	Max	0.	-81.3465	-16.16	13.3154
485	485	353	SLU_ENV	Max	0.	-18.6243	-3.5759	17.1256
485	485	360	SLU_ENV	Max	0.	-18.6605	-3.7379	17.3996
485	485	359	SLU_ENV	Max	0.	-81.3808	-16.3244	13.5894
485	485	352	SLU_ENV	Min	0.	-253.1976	-52.0516	-0.7778
485	485	353	SLU_ENV	Min	0.	-83.971	-17.8527	-0.8752
485	485	360	SLU_ENV	Min	0.	-78.6341	-15.3492	-0.7663
485	485	359	SLU_ENV	Min	0.	-247.9451	-49.4469	-0.6689
485	485	352	SLV_Ex		91.78	-450.5711	-90.8461	-2.6102
485	485	353	SLV_Ex		107.84	-475.0323	-94.9857	-2.2506
485	485	360	SLV_Ex		109.66	-474.4115	-94.3518	-1.6085
485	485	359	SLV_Ex		93.97	-450.0049	-90.1737	-1.968
486	486	353	SLU_ENV	Max	0.	-18.8858	-3.6962	17.1608
486	486	385	SLU_ENV	Max	0.	182.4769	38.0386	16.8853
486	486	403	SLU_ENV	Max	0.	181.6546	34.3255	17.0794
486	486	360	SLU_ENV	Max	0.	-18.777	-3.6931	17.3549
486	486	353	SLU_ENV	Min	0.	-81.5831	-14.974	-0.8295
486	486	385	SLU_ENV	Min	0.	78.0371	15.6709	-0.5959
486	486	403	SLU_ENV	Min	0.	78.1458	15.6755	-0.5782
486	486	360	SLU_ENV	Min	0.	-82.5356	-18.5306	-0.8118
486	486	353	SLV_Ex		117.83	-475.0281	-95.3963	-2.1331
486	486	385	SLV_Ex		137.65	-386.9467	-77.3425	-1.1678
486	486	403	SLV_Ex		137.83	-385.3598	-75.7202	-0.7575
486	486	360	SLV_Ex		118.07	-473.4765	-93.7535	-1.7229
487	487	89	SLU_ENV	Max	0.	178.5335	37.0477	0.7424
487	487	354	SLU_ENV	Max	0.	-18.8458	-3.7549	0.8046
487	487	361	SLU_ENV	Max	0.	-18.8248	-3.7074	0.7296
487	487	142	SLU_ENV	Max	0.	177.362	33.4926	0.6675
487	487	89	SLU_ENV	Min	0.	78.1971	15.6583	-16.9307
487	487	354	SLU_ENV	Min	0.	-77.961	-13.9514	-17.4059
487	487	361	SLU_ENV	Min	0.	-79.2637	-17.3456	-17.1096
487	487	142	SLU_ENV	Min	0.	78.2183	15.7058	-16.6344
487	487	89	SLV_Ex		48.96	731.3944	145.7238	1.5987
487	487	354	SLV_Ex		41.52	477.4776	93.9758	0.9581
487	487	361	SLV_Ex		39.98	476.5704	93.4334	-0.0154
487	487	142	SLV_Ex		47.72	730.442	145.2177	0.6252
488	488	354	SLU_ENV	Max	0.	-18.6208	-3.7017	0.8518
488	488	355	SLU_ENV	Max	0.	-81.4151	-16.3251	0.6836
488	488	368	SLU_ENV	Max	0.	-81.4541	-16.3049	0.5143
488	488	361	SLU_ENV	Max	0.	-18.6585	-3.6824	0.6826
488	488	354	SLU_ENV	Min	0.	-81.3571	-17.2037	-17.3271

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
488	488	355	SLU_ENV	Min	0.	-245.7157	-50.0269	-13.5996
488	488	368	SLU_ENV	Min	0.	-240.509	-46.8504	-13.4705
488	488	361	SLU_ENV	Min	0.	-76.0637	-14.1326	-17.1979
488	488	354	SLV_Ex		46.35	480.8795	94.6193	0.6488
488	488	355	SLV_Ex		45.11	230.993	44.3608	-0.0359
488	488	368	SLV_Ex		45.79	230.0242	43.8564	-0.3871
488	488	361	SLV_Ex		47.89	479.8868	94.1336	0.2976
489	489	355	SLU_ENV	Max	0.	-81.2032	-16.2744	0.6707
489	489	356	SLU_ENV	Max	0.	-116.006	-23.2961	0.4074
489	489	369	SLU_ENV	Max	0.	-116.0531	-23.2941	0.2639
489	489	368	SLU_ENV	Max	0.	-81.2501	-16.2725	0.5273
489	489	355	SLU_ENV	Min	0.	-247.5281	-51.949	-13.5557
489	489	356	SLU_ENV	Min	0.	-337.9093	-70.0753	-7.341
489	489	369	SLU_ENV	Min	0.	-328.8017	-62.928	-7.3097
489	489	368	SLU_ENV	Min	0.	-238.369	-44.8628	-13.5244
489	489	355	SLV_Ex		52.93	233.8976	44.9014	-0.1666
489	489	356	SLV_Ex		52.62	4.1052	-1.0506	-0.874
489	489	369	SLV_Ex		49.36	3.1219	-1.5112	-0.9654
489	489	368	SLV_Ex		48.8	232.8803	44.4679	-0.2581
490	490	356	SLU_ENV	Max	0.	-115.8673	-23.2648	0.3587
490	490	357	SLU_ENV	Max	0.	-126.9628	-25.5027	0.023
490	490	370	SLU_ENV	Max	0.	-127.0346	-25.5119	0.0128
490	490	369	SLU_ENV	Max	0.	-115.9382	-23.2747	0.3126
490	490	356	SLU_ENV	Min	0.	-338.6449	-70.9559	-7.3408
490	490	357	SLU_ENV	Min	0.	-367.3317	-76.699	-0.0077
490	490	370	SLU_ENV	Min	0.	-356.4655	-67.7105	-0.0231
490	490	369	SLU_ENV	Min	0.	-327.7624	-61.9867	-7.3204
490	490	356	SLV_Ex		53.98	6.2318	-0.6479	-1.0214
490	490	357	SLV_Ex		59.03	-192.9395	-40.1627	-1.3256
490	490	370	SLV_Ex		61.11	-193.385	-40.49	-1.1199
490	490	369	SLV_Ex		57.49	5.766	-0.9597	-0.8156
491	491	357	SLU_ENV	Max	0.	-126.9628	-25.5027	0.0075
491	491	358	SLU_ENV	Max	0.	-115.8669	-23.2647	7.3408
491	491	371	SLU_ENV	Max	0.	-115.9376	-23.2746	7.3204
491	491	370	SLU_ENV	Max	0.	-127.0346	-25.5119	0.0229
491	491	357	SLU_ENV	Min	0.	-367.3319	-76.699	-0.0231
491	491	358	SLU_ENV	Min	0.	-338.6431	-70.9555	-0.3587
491	491	371	SLU_ENV	Min	0.	-327.7602	-61.9863	-0.3126
491	491	370	SLU_ENV	Min	0.	-356.4653	-67.7105	-0.0129
491	491	357	SLV_Ex		66.47	-191.0534	-39.8736	-1.4121
491	491	358	SLV_Ex		71.46	-349.3567	-71.0372	-1.8284
491	491	371	SLV_Ex		68.29	-349.9193	-71.2323	-1.4497
491	491	370	SLV_Ex		61.99	-191.6376	-40.0524	-1.0335
492	492	358	SLU_ENV	Max	0.	-116.0055	-23.296	7.341
492	492	359	SLU_ENV	Max	0.	-81.2023	-16.2742	13.5555
492	492	372	SLU_ENV	Max	0.	-81.2493	-16.2723	13.5243
492	492	371	SLU_ENV	Max	0.	-116.0527	-23.294	7.3097
492	492	358	SLU_ENV	Min	0.	-337.9071	-70.0749	-0.4073
492	492	359	SLU_ENV	Min	0.	-247.5244	-51.9484	-0.6709
492	492	372	SLU_ENV	Min	0.	-238.3656	-44.8622	-0.5275
492	492	371	SLU_ENV	Min	0.	-328.7999	-62.9277	-0.2639
492	492	358	SLV_Ex		74.41	-348.4368	-70.9142	-1.9041
492	492	359	SLV_Ex		85.34	-451.0876	-90.7995	-1.7847
492	492	372	SLV_Ex		87.25	-450.9094	-90.7474	-1.2549

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
492	492	371	SLV_Ex		76.92	-348.283	-70.8441	-1.3743
493	493	359	SLU_ENV	Max	0.	-81.4143	-16.325	13.5995
493	493	360	SLU_ENV	Max	0.	-18.6198	-3.7015	17.3271
493	493	373	SLU_ENV	Max	0.	-18.6575	-3.6822	17.198
493	493	372	SLU_ENV	Max	0.	-81.4532	-16.3048	13.4704
493	493	359	SLU_ENV	Min	0.	-245.7125	-50.0263	-0.6838
493	493	360	SLU_ENV	Min	0.	-81.3533	-17.2028	-0.8519
493	493	373	SLU_ENV	Min	0.	-76.0594	-14.1317	-0.6825
493	493	372	SLU_ENV	Min	0.	-240.5054	-46.8498	-0.5144
493	493	359	SLV_Ex		94.94	-450.3961	-90.7987	-1.867
493	493	360	SLV_Ex		110.07	-474.2293	-94.7719	-1.6988
493	493	373	SLV_Ex		108.49	-473.9378	-94.4326	-1.0026
493	493	372	SLV_Ex		92.91	-450.1174	-90.4515	-1.1707
494	494	360	SLU_ENV	Max	0.	-18.8448	-3.7547	17.406
494	494	403	SLU_ENV	Max	0.	178.5365	37.0483	16.9307
494	494	421	SLU_ENV	Max	0.	177.3646	33.4932	16.6344
494	494	373	SLU_ENV	Max	0.	-18.8239	-3.7072	17.1097
494	494	360	SLU_ENV	Min	0.	-77.957	-13.9506	-0.8046
494	494	403	SLU_ENV	Min	0.	78.1978	15.6584	-0.7426
494	494	421	SLU_ENV	Min	0.	78.2189	15.7059	-0.6677
494	494	373	SLU_ENV	Min	0.	-79.26	-17.3448	-0.7297
494	494	360	SLV_Ex		118.5	-474.1012	-94.9198	-1.5721
494	494	403	SLV_Ex		137.67	-385.1567	-76.6622	-0.9725
494	494	421	SLV_Ex		138.77	-384.2109	-75.868	-0.5319
494	494	373	SLV_Ex		119.7	-473.1819	-94.1079	-1.1315
495	495	142	SLU_ENV	Max	0.	173.9866	36.0046	0.8702
495	495	361	SLU_ENV	Max	0.	-18.7945	-3.6891	0.6845
495	495	374	SLU_ENV	Max	0.	-18.9015	-3.5738	0.8111
495	495	169	SLU_ENV	Max	0.	172.266	32.6536	0.9968
495	495	142	SLU_ENV	Min	0.	78.1752	15.6238	-16.4309
495	495	361	SLU_ENV	Min	0.	-74.4276	-12.5535	-17.219
495	495	374	SLU_ENV	Min	0.	-76.2649	-15.7519	-16.3108
495	495	169	SLU_ENV	Min	0.	78.07	15.7365	-15.5227
495	495	142	SLV_Ex		46.86	730.5254	145.1193	0.459
495	495	361	SLV_Ex		39.33	476.494	93.5669	0.3188
495	495	374	SLV_Ex		41.68	476.4614	94.4098	-0.4243
495	495	169	SLV_Ex		49.63	730.5282	145.9363	-0.2841
496	496	361	SLU_ENV	Max	0.	-18.6725	-3.7121	0.7419
496	496	368	SLU_ENV	Max	0.	-81.4346	-16.2477	0.5552
496	496	375	SLU_ENV	Max	0.	-81.4331	-16.0119	0.5675
496	496	374	SLU_ENV	Max	0.	-18.6676	-3.4796	0.7543
496	496	361	SLU_ENV	Min	0.	-78.9374	-16.175	-17.0794
496	496	368	SLU_ENV	Min	0.	-238.1333	-47.2981	-13.529
496	496	375	SLU_ENV	Min	0.	-233.0632	-43.5524	-12.9083
496	496	374	SLU_ENV	Min	0.	-73.7815	-12.5356	-16.4587
496	496	361	SLV_Ex		47.2	480.0326	94.4599	0.1678
496	496	368	SLV_Ex		46.4	229.9809	44.0428	-0.0866
496	496	375	SLV_Ex		45.59	229.7293	44.4925	-0.5302
496	496	374	SLV_Ex		46.58	479.8049	94.8933	-0.2758
497	497	368	SLU_ENV	Max	0.	-81.2391	-16.2297	0.5591
497	497	369	SLU_ENV	Max	0.	-116.0325	-23.1784	0.2869
497	497	376	SLU_ENV	Max	0.	-116.0296	-22.8956	0.291
497	497	375	SLU_ENV	Max	0.	-81.2319	-15.9506	0.5632
497	497	368	SLU_ENV	Min	0.	-240.6241	-49.4346	-13.4211

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
497	497	369	SLU_ENV	Min	0.	-328.1748	-66.4975	-7.3801
497	497	376	SLU_ENV	Min	0.	-319.1514	-58.6121	-6.9847
497	497	375	SLU_ENV	Min	0.	-231.549	-41.6112	-13.0258
497	497	368	SLV_Ex		48.84	232.9879	44.7884	-0.3852
497	497	369	SLV_Ex		49.7	3.1957	-0.9241	-0.6868
497	497	376	SLV_Ex		56.68	2.818	-0.7458	-0.53
497	497	375	SLV_Ex		57.27	232.6533	44.933	-0.2285
498	498	369	SLU_ENV	Max	0.	-115.9138	-23.1586	0.2975
498	498	370	SLU_ENV	Max	0.	-127.0107	-25.387	0.0095
498	498	377	SLU_ENV	Max	0.	-126.9906	-25.0922	0.0587
498	498	376	SLU_ENV	Max	0.	-115.893	-22.8644	0.2791
498	498	369	SLU_ENV	Min	0.	-329.2867	-67.4768	-7.2437
498	498	370	SLU_ENV	Min	0.	-357.0808	-72.9187	-0.0535
498	498	377	SLU_ENV	Min	0.	-346.2084	-63.1255	-0.0089
498	498	376	SLU_ENV	Min	0.	-318.3967	-57.7042	-7.1315
498	498	369	SLV_Ex		57.68	5.8473	-0.3561	-0.6234
498	498	370	SLV_Ex		62.01	-193.2636	-40.0807	-1.177
498	498	377	SLV_Ex		61.78	-193.9787	-40.0213	-1.1501
498	498	376	SLV_Ex		55.87	5.1562	-0.3159	-0.5966
499	499	370	SLU_ENV	Max	0.	-127.0107	-25.387	0.0535
499	499	371	SLU_ENV	Max	0.	-115.9133	-23.1585	7.2436
499	499	378	SLU_ENV	Max	0.	-115.8926	-22.8643	7.1314
499	499	377	SLU_ENV	Max	0.	-126.9906	-25.0922	0.0089
499	499	370	SLU_ENV	Min	0.	-357.0807	-72.9187	-0.0095
499	499	371	SLU_ENV	Min	0.	-329.2845	-67.4764	-0.2977
499	499	378	SLU_ENV	Min	0.	-318.3948	-57.7038	-0.2792
499	499	377	SLU_ENV	Min	0.	-346.2086	-63.1255	-0.0587
499	499	370	SLV_Ex		62.91	-191.6381	-39.6997	-1.2676
499	499	371	SLV_Ex		67.1	-349.8117	-71.05	-1.1095
499	499	378	SLV_Ex		71.14	-349.589	-70.8934	-0.902
499	499	377	SLV_Ex		68.21	-191.3945	-39.5604	-1.0601
500	500	371	SLU_ENV	Max	0.	-116.032	-23.1783	7.3799
500	500	372	SLU_ENV	Max	0.	-81.2383	-16.2295	13.4211
500	500	379	SLU_ENV	Max	0.	-81.231	-15.9504	13.0259
500	500	378	SLU_ENV	Max	0.	-116.0291	-22.8956	6.9846
500	500	371	SLU_ENV	Min	0.	-328.173	-66.4971	-0.287
500	500	372	SLU_ENV	Min	0.	-240.6208	-49.4339	-0.5591
500	500	379	SLU_ENV	Min	0.	-231.5453	-41.6104	-0.5632
500	500	378	SLU_ENV	Min	0.	-319.1493	-58.6117	-0.2912
500	500	371	SLV_Ex		75.99	-348.3334	-70.7815	-1.2776
500	500	372	SLV_Ex		86.36	-450.8253	-90.6414	-1.2855
500	500	379	SLV_Ex		83.61	-450.8092	-90.4515	-0.7421
500	500	378	SLV_Ex		72.11	-348.2973	-70.6079	-0.7342
501	501	372	SLU_ENV	Max	0.	-81.4337	-16.2475	13.5291
501	501	373	SLU_ENV	Max	0.	-18.6715	-3.712	17.0794
501	501	386	SLU_ENV	Max	0.	-18.6667	-3.4794	16.4586
501	501	379	SLU_ENV	Max	0.	-81.4322	-16.0117	12.9083
501	501	372	SLU_ENV	Min	0.	-238.1297	-47.2973	-0.5551
501	501	373	SLU_ENV	Min	0.	-78.9332	-16.1743	-0.7421
501	501	386	SLU_ENV	Min	0.	-73.7776	-12.5349	-0.7545
501	501	379	SLU_ENV	Min	0.	-233.0598	-43.5517	-0.5675
501	501	372	SLV_Ex		92.24	-450.1821	-90.4548	-1.2258
501	501	373	SLV_Ex		106.48	-473.9321	-94.7247	-0.9324
501	501	386	SLV_Ex		107.51	-473.5241	-94.5729	-0.5119

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
501	501	379	SLV_Ex		93.1	-449.7736	-90.3023	-0.8053
502	502	373	SLU_ENV	Max	0.	-18.7935	-3.689	17.2189
502	502	421	SLU_ENV	Max	0.	173.9893	36.0052	16.4311
502	502	439	SLU_ENV	Max	0.	172.2692	32.6544	15.523
502	502	386	SLU_ENV	Max	0.	-18.9005	-3.5736	16.3108
502	502	373	SLU_ENV	Min	0.	-74.4239	-12.5529	-0.6848
502	502	421	SLU_ENV	Min	0.	78.1758	15.6239	-0.8702
502	502	439	SLU_ENV	Min	0.	78.0707	15.7366	-0.9967
502	502	386	SLU_ENV	Min	0.	-76.2607	-15.7511	-0.8112
502	502	373	SLV_Ex		118.03	-473.3286	-94.5181	-0.9433
502	502	421	SLV_Ex		138.34	-384.2209	-76.2412	-0.7901
502	502	439	SLV_Ex		136.79	-384.0424	-76.2943	-0.3454
502	502	386	SLV_Ex		116.07	-473.1355	-94.5811	-0.4986
503	503	169	SLU_ENV	Max	0.	168.6453	34.8022	1.1592
503	503	374	SLU_ENV	Max	0.	-18.7798	-2.6765	0.8051
503	503	387	SLU_ENV	Max	0.	-18.9183	-3.1536	1.4717
503	503	196	SLU_ENV	Max	0.	166.5036	32.5564	1.8257
503	503	169	SLU_ENV	Min	0.	77.9209	15.5223	-15.3287
503	503	374	SLU_ENV	Min	0.	-71.2383	-11.6903	-16.4153
503	503	387	SLU_ENV	Min	0.	-73.482	-13.5092	-14.7781
503	503	196	SLU_ENV	Min	0.	77.7872	15.3228	-13.6915
503	503	169	SLV_Ex		49.17	730.7525	145.0046	-0.8439
503	503	374	SLV_Ex		43.12	475.7739	93.0249	0.3086
503	503	387	SLV_Ex		41.48	477.7073	95.5268	-0.6269
503	503	196	SLV_Ex		47.21	732.7745	147.445	-1.7794
504	504	374	SLU_ENV	Max	0.	-18.7194	-3.5797	0.8816
504	504	375	SLU_ENV	Max	0.	-81.3715	-15.863	0.5395
504	504	388	SLU_ENV	Max	0.	-81.3907	-15.294	1.0538
504	504	387	SLU_ENV	Max	0.	-18.7282	-2.8697	1.3959
504	504	374	SLU_ENV	Min	0.	-76.7481	-14.796	-16.246
504	504	375	SLU_ENV	Min	0.	-230.5925	-43.7713	-13.0637
504	504	388	SLU_ENV	Min	0.	-225.9595	-39.2689	-11.7724
504	504	387	SLU_ENV	Min	0.	-72.0343	-10.5465	-14.9547
504	504	374	SLV_Ex		47.08	480.0748	94.3852	-0.3949
504	504	375	SLV_Ex		45.18	229.4252	44.8293	-0.2487
504	504	388	SLV_Ex		57.85	229.8031	46.1396	0.2286
504	504	387	SLV_Ex		60.29	480.5777	95.6008	0.0823
505	505	375	SLU_ENV	Max	0.	-81.2139	-15.8543	0.625
505	505	376	SLU_ENV	Max	0.	-115.9793	-22.6503	0.2834
505	505	389	SLU_ENV	Max	0.	-115.9365	-21.7119	0.6253
505	505	388	SLU_ENV	Max	0.	-81.1628	-14.4557	0.9669
505	505	375	SLU_ENV	Min	0.	-233.7838	-46.0538	-12.827
505	505	376	SLU_ENV	Min	0.	-318.453	-61.8512	-7.152
505	505	389	SLU_ENV	Min	0.	-309.8074	-53.4864	-6.343
505	505	388	SLU_ENV	Min	0.	-225.0843	-38.2195	-12.018
505	505	375	SLV_Ex		56.18	232.9343	45.8107	0.0301
505	505	376	SLV_Ex		63.59	2.8093	-0.2621	-0.6315
505	505	389	SLV_Ex		65.56	2.0273	0.3423	-0.7184
505	505	388	SLV_Ex		57.5	232.2396	46.3474	-0.0567
506	506	376	SLU_ENV	Max	0.	-115.8408	-22.6264	0.3695
506	506	377	SLU_ENV	Max	0.	-126.9293	-24.7626	-0.035
506	506	390	SLU_ENV	Max	0.	-126.9275	-23.1452	0.2076
506	506	389	SLU_ENV	Max	0.	-115.8342	-20.903	0.5365
506	506	376	SLU_ENV	Min	0.	-319.8482	-62.8861	-6.909

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
506	506	377	SLU_ENV	Min	0.	-346.7296	-67.807	-0.2016
506	506	390	SLU_ENV	Min	0.	-336.3959	-58.2415	0.036
506	506	389	SLU_ENV	Min	0.	-309.4947	-53.4526	-6.5958
506	506	376	SLV_Ex		62.84	5.3018	0.4086	-0.7733
506	506	377	SLV_Ex		60.06	-193.8072	-39.1602	-0.8428
506	506	390	SLV_Ex		71.21	-193.8513	-38.6572	-0.6451
506	506	389	SLV_Ex		75.33	5.3523	0.8352	-0.5755
507	507	377	SLU_ENV	Max	0.	-126.9294	-24.7626	0.2013
507	507	378	SLU_ENV	Max	0.	-115.8403	-22.6263	6.909
507	507	391	SLU_ENV	Max	0.	-115.8337	-20.9028	6.5958
507	507	390	SLU_ENV	Max	0.	-126.9275	-23.1452	-0.036
507	507	377	SLU_ENV	Min	0.	-346.7298	-67.8071	0.035
507	507	378	SLU_ENV	Min	0.	-319.8463	-62.8856	-0.3695
507	507	391	SLU_ENV	Min	0.	-309.4925	-53.4523	-0.5365
507	507	390	SLU_ENV	Min	0.	-336.3958	-58.2415	-0.2079
507	507	377	SLV_Ex		66.76	-191.2902	-38.679	-0.7632
507	507	378	SLV_Ex		73.94	-349.3848	-70.232	-1.0939
507	507	391	SLV_Ex		75.73	-349.7399	-69.6763	-1.0599
507	507	390	SLV_Ex		66.64	-191.5764	-38.1799	-0.7292
508	508	378	SLU_ENV	Max	0.	-115.9788	-22.6501	7.152
508	508	379	SLU_ENV	Max	0.	-81.213	-15.8541	12.8269
508	508	392	SLU_ENV	Max	0.	-81.162	-14.4554	12.0179
508	508	391	SLU_ENV	Max	0.	-115.936	-21.7117	6.3429
508	508	378	SLU_ENV	Min	0.	-318.4508	-61.8507	-0.2834
508	508	379	SLU_ENV	Min	0.	-233.7801	-46.0531	-0.6251
508	508	392	SLU_ENV	Min	0.	-225.0809	-38.219	-0.9671
508	508	391	SLU_ENV	Min	0.	-309.8055	-53.4861	-0.6254
508	508	378	SLV_Ex		74.9	-348.2132	-69.9217	-1.0394
508	508	379	SLV_Ex		77.86	-450.766	-90.5005	-0.3665
508	508	392	SLV_Ex		80.11	-449.7796	-89.7901	-0.447
508	508	391	SLV_Ex		77.36	-347.1886	-69.2419	-1.12
509	509	379	SLU_ENV	Max	0.	-81.3707	-15.8628	13.0635
509	509	386	SLU_ENV	Max	0.	-18.7185	-3.5795	16.246
509	509	393	SLU_ENV	Max	0.	-18.7272	-2.8692	14.9548
509	509	392	SLU_ENV	Max	0.	-81.3899	-15.2938	11.7723
509	509	379	SLU_ENV	Min	0.	-230.5892	-43.7707	-0.5397
509	509	386	SLU_ENV	Min	0.	-76.7441	-14.7951	-0.8816
509	509	393	SLU_ENV	Min	0.	-72.0299	-10.5458	-1.3959
509	509	392	SLU_ENV	Min	0.	-225.9558	-39.2682	-1.0539
509	509	379	SLV_Ex		88.48	-449.57	-90.1609	-0.7235
509	509	386	SLV_Ex		105.41	-473.6405	-94.2782	-0.5841
509	509	393	SLV_Ex		100.93	-473.4079	-93.8745	0.0505
509	509	392	SLV_Ex		83.08	-449.2891	-89.7925	-0.089
510	510	386	SLU_ENV	Max	0.	-18.7788	-2.6761	16.4155
510	510	439	SLU_ENV	Max	0.	168.6487	34.8028	15.3288
510	510	457	SLU_ENV	Max	0.	166.5068	32.5569	13.6915
510	510	393	SLU_ENV	Max	0.	-18.9173	-3.1534	14.7782
510	510	386	SLU_ENV	Min	0.	-71.2341	-11.6896	-0.8051
510	510	439	SLU_ENV	Min	0.	77.9217	15.5224	-1.1593
510	510	457	SLU_ENV	Min	0.	77.7879	15.3231	-1.8259
510	510	393	SLU_ENV	Min	0.	-73.4779	-13.5082	-1.4717
510	510	386	SLV_Ex		114.19	-472.5948	-93.6643	-0.1981
510	510	439	SLV_Ex		134.08	-384.3851	-76.2213	-0.709
510	510	457	SLV_Ex		135.11	-385.172	-76.8246	-0.8525

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
510	510	393	SLV_Ex		115.35	-473.3654	-94.2708	-0.3416
511	511	196	SLU_ENV	Max	0.	162.7003	33.4084	1.99
511	511	387	SLU_ENV	Max	0.	-18.7781	-1.1629	1.4624
511	511	394	SLU_ENV	Max	0.	-18.8761	-2.199	3.0866
511	511	223	SLU_ENV	Max	0.	160.2108	33.6469	3.6142
511	511	196	SLU_ENV	Min	0.	77.5547	15.3882	-13.4718
511	511	387	SLU_ENV	Min	0.	-68.4698	-10.8345	-14.9129
511	511	394	SLU_ENV	Min	0.	-71.0431	-10.1619	-12.3737
511	511	223	SLU_ENV	Min	0.	77.4706	14.6446	-10.9326
511	511	196	SLV_Ex		49.37	733.4951	145.1846	-2.3714
511	511	387	SLV_Ex		42.23	476.1639	93.6732	0.1263
511	511	394	SLV_Ex		56.39	480.0386	97.6098	0.0848
511	511	223	SLV_Ex		66.92	737.5945	148.9629	-2.4129
512	512	387	SLU_ENV	Max	0.	-18.7615	-3.1997	1.5037
512	512	388	SLU_ENV	Max	0.	-81.3374	-15.0139	1.0426
512	512	395	SLU_ENV	Max	0.	-81.2986	-12.5569	2.5861
512	512	394	SLU_ENV	Max	0.	-18.6997	-1.1556	3.0471
512	512	387	SLU_ENV	Min	0.	-74.9346	-12.872	-14.7042
512	512	388	SLU_ENV	Min	0.	-223.5384	-39.1894	-11.9687
512	512	395	SLU_ENV	Min	0.	-219.3725	-34.9196	-9.8524
512	512	394	SLU_ENV	Min	0.	-70.6815	-8.3131	-12.5879
512	512	387	SLV_Ex		56.24	481.0995	95.6552	0.0407
512	512	388	SLV_Ex		68.27	229.149	45.4236	0.4441
512	512	395	SLV_Ex		65.41	229.869	46.8916	0.5638
512	512	394	SLV_Ex		56.99	481.9806	97.0033	0.1605
513	513	388	SLU_ENV	Max	0.	-81.0728	-14.9432	1.2574
513	513	389	SLU_ENV	Max	0.	-115.8443	-21.3861	0.3866
513	513	396	SLU_ENV	Max	0.	-116.0064	-16.9959	1.4975
513	513	395	SLU_ENV	Max	0.	-81.2138	-11.0212	2.3683
513	513	388	SLU_ENV	Min	0.	-227.1184	-41.4343	-11.6395
513	513	389	SLU_ENV	Min	0.	-309.0272	-55.4684	-6.6921
513	513	396	SLU_ENV	Min	0.	-301.5762	-49.3889	-5.2419
513	513	395	SLU_ENV	Min	0.	-219.6027	-34.9732	-10.1893
513	513	388	SLV_Ex		67.42	232.4516	46.4536	-0.1516
513	513	389	SLV_Ex		63.88	2.1393	1.8566	-0.4778
513	513	396	SLV_Ex		83.2	1.7436	2.5648	0.8407
513	513	395	SLV_Ex		87.75	232.2575	46.9998	1.1669
514	514	389	SLU_ENV	Max	0.	-115.6914	-21.3265	0.7874
514	514	390	SLU_ENV	Max	0.	-126.7964	-23.417	-0.0569
514	514	397	SLU_ENV	Max	0.	-126.9723	-18.2178	0.3256
514	514	396	SLU_ENV	Max	0.	-115.8614	-16.3119	1.0898
514	514	389	SLU_ENV	Min	0.	-310.7056	-56.4689	-6.2006
514	514	390	SLU_ENV	Min	0.	-336.7447	-60.959	-0.3188
514	514	397	SLU_ENV	Min	0.	-327.6831	-54.0653	0.0582
514	514	396	SLU_ENV	Min	0.	-301.6227	-49.4176	-5.7433
514	514	389	SLV_Ex		73.1	5.5963	2.5139	0.0847
514	514	390	SLV_Ex		85.04	-193.445	-37.0843	-1.172
514	514	397	SLV_Ex		92.45	-195.0116	-36.3906	-0.9876
514	514	396	SLV_Ex		78.11	4.1782	3.0858	0.2691
515	515	390	SLU_ENV	Max	0.	-126.7964	-23.417	0.3188
515	515	391	SLU_ENV	Max	0.	-115.6909	-21.3264	6.2005
515	515	404	SLU_ENV	Max	0.	-115.861	-16.3117	5.7432
515	515	397	SLU_ENV	Max	0.	-126.9723	-18.2178	-0.0582
515	515	390	SLU_ENV	Min	0.	-336.7446	-60.959	0.0569

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
515	515	391	SLU_ENV	Min	0.	-310.7035	-56.4685	-0.7875
515	515	404	SLU_ENV	Min	0.	-301.6208	-49.4173	-1.0899
515	515	397	SLU_ENV	Min	0.	-327.6832	-54.0653	-0.3256
515	515	390	SLV_Ex		81.6	-191.4522	-36.6644	-1.0639
515	515	391	SLV_Ex		68.9	-349.2799	-68.2707	-0.6211
515	515	404	SLV_Ex		78.68	-348.5329	-67.0317	-0.6579
515	515	397	SLV_Ex		91.66	-190.5842	-35.5265	-1.1007
516	516	391	SLU_ENV	Max	0.	-115.8438	-21.3861	6.6919
516	516	392	SLU_ENV	Max	0.	-81.072	-14.943	11.6395
516	516	405	SLU_ENV	Max	0.	-81.2129	-11.0209	10.1893
516	516	404	SLU_ENV	Max	0.	-116.0059	-16.9957	5.2418
516	516	391	SLU_ENV	Min	0.	-309.0253	-55.468	-0.3868
516	516	392	SLU_ENV	Min	0.	-227.115	-41.4335	-1.2575
516	516	405	SLU_ENV	Min	0.	-219.599	-34.9726	-2.3684
516	516	404	SLU_ENV	Min	0.	-301.5741	-49.3886	-1.4976
516	516	391	SLV_Ex		71.7	-347.0874	-68.0742	-0.7157
516	516	392	SLV_Ex		80.14	-449.3637	-88.3724	-0.787
516	516	405	SLV_Ex		81.95	-449.1677	-86.6638	-0.6403
516	516	404	SLV_Ex		72.22	-346.8004	-66.4432	-0.569
517	517	392	SLU_ENV	Max	0.	-81.3365	-15.0137	11.9687
517	517	393	SLU_ENV	Max	0.	-18.7605	-3.1995	14.7042
517	517	406	SLU_ENV	Max	0.	-18.6988	-1.1552	12.5878
517	517	405	SLU_ENV	Max	0.	-81.2978	-12.5565	9.8524
517	517	392	SLU_ENV	Min	0.	-223.5348	-39.1886	-1.0426
517	517	393	SLU_ENV	Min	0.	-74.9302	-12.8712	-1.5038
517	517	406	SLU_ENV	Min	0.	-70.6773	-8.3124	-3.0473
517	517	405	SLU_ENV	Min	0.	-219.3689	-34.919	-2.5861
517	517	392	SLV_Ex		83.13	-448.873	-88.2442	-0.2634
517	517	393	SLV_Ex		90.65	-473.5807	-94.2062	0.2472
517	517	406	SLV_Ex		93.38	-472.5685	-92.3798	-0.6675
517	517	405	SLV_Ex		83.65	-447.8432	-86.429	-1.1781
518	518	393	SLU_ENV	Max	0.	-18.7771	-1.1626	14.9128
518	518	457	SLU_ENV	Max	0.	162.7035	33.4091	13.4719
518	518	475	SLU_ENV	Max	0.	160.2145	33.6475	10.9328
518	518	406	SLU_ENV	Max	0.	-18.8751	-2.1988	12.3737
518	518	393	SLU_ENV	Min	0.	-68.4658	-10.8339	-1.4626
518	518	457	SLU_ENV	Min	0.	77.5554	15.3884	-1.99
518	518	475	SLU_ENV	Min	0.	77.4714	14.645	-3.6141
518	518	406	SLU_ENV	Min	0.	-71.0386	-10.1611	-3.0867
518	518	393	SLV_Ex		107.98	-472.1845	-93.315	-0.0665
518	518	457	SLV_Ex		134.89	-386.0911	-76.4718	-1.1986
518	518	475	SLV_Ex		128.41	-387.5572	-76.3118	-1.4798
518	518	406	SLV_Ex		98.67	-473.5786	-93.1938	-0.3478
519	519	223	SLU_ENV	Max	0.	158.5301	31.764	3.4109
519	519	394	SLU_ENV	Max	0.	-18.9742	0.3986	3.4384
519	519	407	SLU_ENV	Max	0.	-18.4533	-0.2829	6.9302
519	519	250	SLU_ENV	Max	0.	159.7203	36.3022	6.9027
519	519	223	SLU_ENV	Min	0.	75.2641	15.1635	-10.8542
519	519	394	SLU_ENV	Min	0.	-66.6335	-9.2739	-12.373
519	519	407	SLU_ENV	Min	0.	-68.4211	-4.8986	-8.6739
519	519	250	SLU_ENV	Min	0.	72.9423	14.1621	-7.1551
519	519	223	SLV_Ex		71.57	739.0427	145.9806	-4.0078
519	519	394	SLV_Ex		60.19	477.0208	92.7442	1.861
519	519	407	SLV_Ex		56.36	485.0171	95.6576	1.1209

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
519	519	250	SLV_Ex		51.2	747.2943	148.7272	-4.7479
520	520	394	SLU_ENV	Max	0.	-18.5666	-2.278	3.4815
520	520	395	SLU_ENV	Max	0.	-81.3401	-12.6502	2.2435
520	520	408	SLU_ENV	Max	0.	-81.5993	-8.4204	5.6507
520	520	407	SLU_ENV	Max	0.	-18.7732	0.7095	6.8888
520	520	394	SLU_ENV	Min	0.	-73.1253	-9.8624	-12.1667
520	520	395	SLU_ENV	Min	0.	-217.2705	-33.4055	-10.2233
520	520	408	SLU_ENV	Min	0.	-214.4573	-28.8878	-6.9402
520	520	407	SLU_ENV	Min	0.	-70.1954	-4.2616	-8.8836
520	520	394	SLV_Ex		61.44	482.0113	94.722	0.1008
520	520	395	SLV_Ex		67.35	229.4607	47.2847	0.7802
520	520	408	SLV_Ex		98.74	230.1183	47.0766	3.5742
520	520	407	SLV_Ex		96.63	482.9721	94.269	2.8948
521	521	395	SLU_ENV	Max	0.	-80.9308	-13.0147	2.8553
521	521	396	SLU_ENV	Max	0.	-115.8537	-19.0371	1.0597
521	521	409	SLU_ENV	Max	0.	-116.4396	-11.9671	3.2364
521	521	408	SLU_ENV	Max	0.	-81.4777	-7.2708	5.032
521	521	395	SLU_ENV	Min	0.	-221.0961	-34.6382	-9.6541
521	521	396	SLU_ENV	Min	0.	-300.7257	-46.7258	-5.7491
521	521	409	SLU_ENV	Min	0.	-295.2669	-42.6163	-3.6115
521	521	408	SLU_ENV	Min	0.	-215.5481	-29.3172	-7.5166
521	521	395	SLV_Ex		85.33	232.1859	47.6468	1.5976
521	521	396	SLV_Ex		104.4	2.0052	2.868	0.5699
521	521	409	SLV_Ex		108.83	0.5416	2.8382	1.7178
521	521	408	SLV_Ex		83.51	230.9523	47.4264	2.7454
522	522	396	SLU_ENV	Max	0.	-115.5306	-18.8889	1.6975
522	522	397	SLU_ENV	Max	0.	-126.6765	-20.7208	-0.1779
522	522	410	SLU_ENV	Max	0.	-127.4233	-12.8264	0.6815
522	522	409	SLU_ENV	Max	0.	-116.2592	-11.491	2.5876
522	522	396	SLU_ENV	Min	0.	-302.3307	-47.5307	-5.0956
522	522	397	SLU_ENV	Min	0.	-327.6457	-51.0917	-0.6718
522	522	410	SLU_ENV	Min	0.	-321.2142	-46.7824	0.1813
522	522	409	SLU_ENV	Min	0.	-295.8603	-42.7746	-4.2732
522	522	396	SLV_Ex		102.43	4.1006	3.1567	-0.5016
522	522	397	SLV_Ex		84.87	-194.2192	-32.8871	-0.0986
522	522	410	SLV_Ex		89.26	-193.6854	-31.9541	3.2028
522	522	409	SLV_Ex		105.96	4.9288	3.846	2.7998
523	523	397	SLU_ENV	Max	0.	-126.6765	-20.7208	0.6717
523	523	404	SLU_ENV	Max	0.	-115.5301	-18.8888	5.0956
523	523	411	SLU_ENV	Max	0.	-116.2587	-11.4908	4.2732
523	523	410	SLU_ENV	Max	0.	-127.4233	-12.8264	-0.1813
523	523	397	SLU_ENV	Min	0.	-327.6458	-51.0917	0.1779
523	523	404	SLU_ENV	Min	0.	-302.3288	-47.5303	-1.6976
523	523	411	SLU_ENV	Min	0.	-295.8582	-42.7743	-2.5876
523	523	410	SLU_ENV	Min	0.	-321.2141	-46.7824	-0.6816
523	523	397	SLV_Ex		84.58	-190.3033	-32.6995	0.3995
523	523	404	SLV_Ex		96.27	-347.1536	-61.558	-2.0617
523	523	411	SLV_Ex		106.61	-350.1216	-59.9055	0.2303
523	523	410	SLV_Ex		94.5	-193.0527	-31.232	2.6915
524	524	404	SLU_ENV	Max	0.	-115.8532	-19.037	5.7491
524	524	405	SLU_ENV	Max	0.	-80.9299	-13.0145	9.6541
524	524	412	SLU_ENV	Max	0.	-81.4769	-7.2705	7.5166
524	524	411	SLU_ENV	Max	0.	-116.4391	-11.9669	3.6115
524	524	404	SLU_ENV	Min	0.	-300.7236	-46.7253	-1.0597

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
524	524	405	SLU_ENV	Min	0.	-221.0924	-34.6376	-2.8554
524	524	412	SLU_ENV	Min	0.	-215.5445	-29.3167	-5.0322
524	524	411	SLU_ENV	Min	0.	-295.265	-42.6159	-3.2365
524	524	404	SLV_Ex		90.51	-346.5965	-61.928	-0.3673
524	524	405	SLV_Ex		68.73	-447.8215	-83.4285	-0.7657
524	524	412	SLV_Ex		88.47	-447.7134	-80.1191	-1.8893
524	524	411	SLV_Ex		108.58	-346.4231	-58.6843	-1.4908
525	525	405	SLU_ENV	Max	0.	-81.3392	-12.65	10.2232
525	525	406	SLU_ENV	Max	0.	-18.5656	-2.2778	12.1667
525	525	413	SLU_ENV	Max	0.	-18.7722	0.71	8.8837
525	525	412	SLU_ENV	Max	0.	-81.5984	-8.4201	6.9402
525	525	405	SLU_ENV	Min	0.	-217.267	-33.4049	-2.2436
525	525	406	SLU_ENV	Min	0.	-73.1211	-9.8615	-3.4816
525	525	413	SLU_ENV	Min	0.	-70.1909	-4.2609	-6.8888
525	525	412	SLU_ENV	Min	0.	-214.4536	-28.8872	-5.6508
525	525	405	SLV_Ex		74.01	-447.8874	-84.346	-0.7838
525	525	406	SLV_Ex		87.2	-471.7015	-90.3493	-1.0487
525	525	413	SLV_Ex		86.01	-471.0096	-85.0632	-2.1434
525	525	412	SLV_Ex		72.94	-447.1603	-79.1041	-1.8786
526	526	406	SLU_ENV	Max	0.	-18.9732	0.399	12.3731
526	526	475	SLU_ENV	Max	0.	158.5328	31.7647	10.8543
526	526	493	SLU_ENV	Max	0.	159.723	36.3027	7.1552
526	526	413	SLU_ENV	Max	0.	-18.4523	-0.2827	8.6739
526	526	406	SLU_ENV	Min	0.	-66.629	-9.2732	-3.4384
526	526	475	SLU_ENV	Min	0.	75.2659	15.1637	-3.4109
526	526	493	SLU_ENV	Min	0.	72.944	14.1624	-6.9028
526	526	413	SLU_ENV	Min	0.	-68.4167	-4.8976	-6.9303
526	526	406	SLV_Ex		92.39	-471.8989	-90.3931	-0.0811
526	526	475	SLV_Ex		121.07	-388.8548	-77.2016	-1.7901
526	526	493	SLV_Ex		133.38	-390.0644	-72.3399	-4.8397
526	526	413	SLV_Ex		108.56	-473.1419	-85.4853	-3.1306
527	527	250	SLU_ENV	Max	0.	160.8259	31.3398	6.5124
527	527	407	SLU_ENV	Max	0.	-19.5568	1.7533	7.4625
527	527	414	SLU_ENV	Max	0.	-18.1916	3.4218	12.9007
527	527	277	SLU_ENV	Max	0.	164.299	42.0137	11.9506
527	527	250	SLU_ENV	Min	0.	69.999	14.9746	-7.0449
527	527	407	SLU_ENV	Min	0.	-66.3974	-7.3721	-8.7101
527	527	414	SLU_ENV	Min	0.	-66.8011	1.0846	-3.9454
527	527	277	SLU_ENV	Min	0.	67.7282	14.2448	-2.2802
527	527	250	SLV_Ex		53.28	746.9928	144.7808	-4.2008
527	527	407	SLV_Ex		99.13	484.1389	93.7054	0.7516
527	527	414	SLV_Ex		134.81	488.7467	85.6979	2.139
527	527	277	SLV_Ex		148.99	751.8931	136.5091	-2.8134
528	528	407	SLU_ENV	Max	0.	-18.3599	-0.5751	7.0816
528	528	408	SLU_ENV	Max	0.	-81.8442	-8.5617	5.5415
528	528	415	SLU_ENV	Max	0.	-82.1948	-4.661	11.7468
528	528	414	SLU_ENV	Max	0.	-18.6091	2.3754	13.2869
528	528	407	SLU_ENV	Min	0.	-71.7188	-5.3684	-8.5523
528	528	408	SLU_ENV	Min	0.	-213.1342	-26.5141	-7.2245
528	528	415	SLU_ENV	Min	0.	-211.3271	-20.8925	-2.7758
528	528	414	SLU_ENV	Min	0.	-69.7195	0.9636	-4.1037
528	528	407	SLV_Ex		102.8	480.8672	91.0041	2.17
528	528	408	SLV_Ex		134.09	229.994	39.1957	4.5019
528	528	415	SLV_Ex		132.93	232.0595	34.961	3.0352

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
528	528	414	SLV_Ex		66.03	483.0872	86.613	0.7033
529	529	408	SLU_ENV	Max	0.	-80.9401	-10.0559	5.9018
529	529	409	SLU_ENV	Max	0.	-116.0612	-13.166	2.4053
529	529	422	SLU_ENV	Max	0.	-117.4885	-6.7451	7.882
529	529	415	SLU_ENV	Max	0.	-82.2776	-4.1149	11.3785
529	529	408	SLU_ENV	Min	0.	-216.1844	-25.6678	-6.8043
529	529	409	SLU_ENV	Min	0.	-294.1102	-35.0995	-4.3006
529	529	422	SLU_ENV	Min	0.	-292.1075	-31.4678	-0.6954
529	529	415	SLU_ENV	Min	0.	-214.0099	-21.773	-3.1992
529	529	408	SLV_Ex		127.95	228.9258	37.953	-0.728
529	529	409	SLV_Ex		90.32	0.5519	2.2305	5.3104
529	529	422	SLV_Ex		57.64	7.9151	1.6383	14.3623
529	529	415	SLV_Ex		95.44	236.7967	36.9376	8.324
530	530	409	SLU_ENV	Max	0.	-115.5478	-14.089	4.0869
530	530	410	SLU_ENV	Max	0.	-126.7249	-14.7188	-0.4465
530	530	423	SLU_ENV	Max	0.	-129.1135	-7.2486	1.2764
530	530	422	SLU_ENV	Max	0.	-117.9061	-6.6351	6.1748
530	530	409	SLU_ENV	Min	0.	-295.5776	-34.69	-3.1783
530	530	410	SLU_ENV	Min	0.	-320.3173	-37.4301	-1.2634
530	530	423	SLU_ENV	Min	0.	-319.2764	-34.4945	0.4521
530	530	422	SLU_ENV	Min	0.	-294.4778	-31.8128	-1.8278
530	530	409	SLV_Ex		89.35	4.3731	1.7217	3.9489
530	530	410	SLV_Ex		102.77	-192.077	-24.5667	2.1699
530	530	423	SLV_Ex		99.82	-194.5434	-24.1039	13.9374
530	530	422	SLV_Ex		85.8	2.3649	1.8014	15.7165
531	531	410	SLU_ENV	Max	0.	-126.7249	-14.7188	1.2633
531	531	411	SLU_ENV	Max	0.	-115.5473	-14.0888	3.1783
531	531	424	SLU_ENV	Max	0.	-117.9056	-6.635	1.8277
531	531	423	SLU_ENV	Max	0.	-129.1135	-7.2486	-0.4522
531	531	410	SLU_ENV	Min	0.	-320.3173	-37.4301	0.4465
531	531	411	SLU_ENV	Min	0.	-295.5755	-34.6897	-4.087
531	531	424	SLU_ENV	Min	0.	-294.4758	-31.8125	-6.175
531	531	423	SLU_ENV	Min	0.	-319.2764	-34.4945	-1.2765
531	531	410	SLV_Ex		108.3	-192.2857	-25.5224	3.6541
531	531	411	SLV_Ex		96.15	-347.1242	-46.7928	-0.6412
531	531	424	SLV_Ex		107.17	-352.4448	-44.7058	8.1385
531	531	423	SLV_Ex		116.32	-197.256	-23.7324	12.4338
532	532	411	SLU_ENV	Max	0.	-116.0607	-13.1659	4.3005
532	532	412	SLU_ENV	Max	0.	-80.9393	-10.0558	6.8044
532	532	425	SLU_ENV	Max	0.	-82.2767	-4.1146	3.1992
532	532	424	SLU_ENV	Max	0.	-117.488	-6.745	0.6954
532	532	411	SLU_ENV	Min	0.	-294.1082	-35.0993	-2.4054
532	532	412	SLU_ENV	Min	0.	-216.1808	-25.6671	-5.9019
532	532	425	SLU_ENV	Min	0.	-214.0062	-21.7725	-11.3786
532	532	424	SLU_ENV	Min	0.	-292.1054	-31.4676	-7.8822
532	532	411	SLV_Ex		98.94	-345.1931	-47.7741	2.7945
532	532	412	SLV_Ex		116.19	-443.8299	-65.4619	-6.1216
532	532	425	SLV_Ex		138.67	-454.6347	-61.5407	-4.2455
532	532	424	SLV_Ex		126.89	-355.8233	-44.014	4.6706
533	533	412	SLU_ENV	Max	0.	-81.8433	-8.5614	7.2245
533	533	413	SLU_ENV	Max	0.	-18.3589	-0.5749	8.5524
533	533	426	SLU_ENV	Max	0.	-18.6081	2.3757	4.1037
533	533	425	SLU_ENV	Max	0.	-82.1939	-4.6607	2.7758
533	533	412	SLU_ENV	Min	0.	-213.1304	-26.5136	-5.5415

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
533	533	413	SLU_ENV	Min	0.	-71.7144	-5.3676	-7.0817
533	533	426	SLU_ENV	Min	0.	-69.7151	0.9641	-13.287
533	533	425	SLU_ENV	Min	0.	-211.3234	-20.892	-11.7468
533	533	412	SLV_Ex		102.56	-447.8257	-68.0922	-1.0922
533	533	413	SLV_Ex		65.08	-467.3545	-81.1267	-2.8732
533	533	426	SLV_Ex		131.63	-467.6194	-71.6192	-11.125
533	533	425	SLV_Ex		160.43	-448.326	-58.4478	-9.344
534	534	413	SLU_ENV	Max	0.	-19.5558	1.7536	8.7101
534	534	493	SLU_ENV	Max	0.	160.8286	31.3403	7.0449
534	534	511	SLU_ENV	Max	0.	164.3017	42.0142	2.2803
534	534	426	SLU_ENV	Max	0.	-18.1906	3.4223	3.9454
534	534	413	SLU_ENV	Min	0.	-66.3929	-7.3715	-7.4626
534	534	493	SLU_ENV	Min	0.	70.0007	14.9749	-6.5125
534	534	511	SLU_ENV	Min	0.	67.73	14.2451	-11.9506
534	534	426	SLU_ENV	Min	0.	-66.7966	1.0849	-12.9008
534	534	413	SLV_Ex		102.15	-476.0679	-87.3751	-5.0017
534	534	493	SLV_Ex		129.8	-387.8854	-74.1855	-3.0101
534	534	511	SLV_Ex		112.26	-381.2652	-54.3957	-7.0023
534	534	426	SLV_Ex		64.86	-469.6443	-67.5184	-8.9939
535	535	277	SLU_ENV	Max	0.	165.3058	25.6736	9.1457
535	535	414	SLU_ENV	Max	0.	-20.387	1.2658	15.8287
535	535	427	SLU_ENV	Max	0.	-16.1949	2.9881	29.5399
535	535	304	SLU_ENV	Max	0.	175.7853	33.6981	22.8568
535	535	277	SLU_ENV	Min	0.	64.9185	11.5131	-3.0081
535	535	414	SLU_ENV	Min	0.	-68.3379	-5.3632	-3.149
535	535	427	SLU_ENV	Min	0.	-62.8442	0.6418	3.3594
535	535	304	SLU_ENV	Min	0.	64.6167	10.8448	3.5004
535	535	277	SLV_Ex		188.87	737.3652	122.0625	-3.9155
535	535	414	SLV_Ex		179.69	494.8138	57.8402	3.5751
535	535	427	SLV_Ex		445.	499.4645	30.8114	-10.7659
535	535	304	SLV_Ex		287.05	741.2832	95.3467	-18.2565
536	536	414	SLU_ENV	Max	0.	-18.3524	-0.4535	13.855
536	536	415	SLU_ENV	Max	0.	-82.1601	-3.6805	11.2337
536	536	428	SLU_ENV	Max	0.	-82.9656	-1.3661	28.9112
536	536	427	SLU_ENV	Max	0.	-18.9217	1.0118	31.5325
536	536	414	SLU_ENV	Min	0.	-70.5967	-3.3207	-3.9501
536	536	415	SLU_ENV	Min	0.	-210.2262	-12.1845	-2.8942
536	536	428	SLU_ENV	Min	0.	-210.7338	-9.0316	5.2276
536	536	427	SLU_ENV	Min	0.	-70.6723	0.1392	4.1716
536	536	414	SLV_Ex		164.21	473.563	44.8606	-12.0887
536	536	415	SLV_Ex		67.26	229.2392	14.9912	15.9306
536	536	428	SLV_Ex		63.3	264.4076	12.1826	33.1222
536	536	427	SLV_Ex		95.26	509.3455	41.5171	5.1029
537	537	415	SLU_ENV	Max	0.	-81.2667	-4.8126	14.1948
537	537	422	SLU_ENV	Max	0.	-116.3435	-5.186	5.0976
537	537	429	SLU_ENV	Max	0.	-121.0686	-1.9562	16.8201
537	537	428	SLU_ENV	Max	0.	-85.8325	-1.9449	25.9173
537	537	415	SLU_ENV	Min	0.	-213.0695	-12.0956	-1.6884
537	537	422	SLU_ENV	Min	0.	-289.7567	-14.7715	-2.1839
537	537	429	SLU_ENV	Min	0.	-296.6146	-12.825	3.5182
537	537	428	SLU_ENV	Min	0.	-219.6387	-10.1539	4.0136
537	537	415	SLV_Ex		43.82	232.1755	12.1436	8.8742
537	537	422	SLV_Ex		55.91	7.6446	1.9739	13.9376
537	537	429	SLV_Ex		58.95	13.5186	0.9686	45.2716

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
537	537	428	SLV_Ex		41.41	238.8164	10.4993	40.2081
538	538	422	SLU_ENV	Max	0.	-116.4583	-5.9377	9.0792
538	538	423	SLU_ENV	Max	0.	-127.6037	-5.9777	-0.7994
538	538	430	SLU_ENV	Max	0.	-133.3386	-2.3108	1.9667
538	538	429	SLU_ENV	Max	0.	-122.1356	-2.2928	12.7937
538	538	422	SLU_ENV	Min	0.	-292.4226	-14.8342	-0.2421
538	538	423	SLU_ENV	Min	0.	-316.7571	-15.7812	-1.9471
538	538	430	SLU_ENV	Min	0.	-324.961	-14.0625	0.8098
538	538	429	SLU_ENV	Min	0.	-300.5229	-13.2253	1.5665
538	538	422	SLV_Ex		83.74	1.9303	-0.5328	16.3387
538	538	423	SLV_Ex		77.79	-191.7387	-9.9195	13.4051
538	538	430	SLV_Ex		72.95	-195.8744	-9.3826	39.9418
538	538	429	SLV_Ex		75.8	-1.4079	-0.6529	42.8754
539	539	423	SLU_ENV	Max	0.	-127.6038	-5.9777	1.9469
539	539	424	SLU_ENV	Max	0.	-116.4578	-5.9376	0.242
539	539	431	SLU_ENV	Max	0.	-122.1351	-2.2927	-1.5667
539	539	430	SLU_ENV	Max	0.	-133.3386	-2.3108	-0.8099
539	539	423	SLU_ENV	Min	0.	-316.7571	-15.7812	0.7993
539	539	424	SLU_ENV	Min	0.	-292.4206	-14.8341	-9.0794
539	539	431	SLU_ENV	Min	0.	-300.5208	-13.2252	-12.794
539	539	430	SLU_ENV	Min	0.	-324.9609	-14.0625	-1.9672
539	539	423	SLV_Ex		100.95	-194.9961	-11.791	16.2709
539	539	424	SLV_Ex		105.78	-347.2264	-19.2559	4.3753
539	539	431	SLV_Ex		119.01	-362.6296	-17.9181	25.1443
539	539	430	SLV_Ex		115.22	-209.8012	-10.9479	37.04
540	540	424	SLU_ENV	Max	0.	-116.343	-5.186	2.1838
540	540	425	SLU_ENV	Max	0.	-81.2659	-4.8126	1.6884
540	540	432	SLU_ENV	Max	0.	-85.8316	-1.9448	-4.0137
540	540	431	SLU_ENV	Max	0.	-121.0681	-1.9561	-3.5183
540	540	424	SLU_ENV	Min	0.	-289.7546	-14.7713	-5.0977
540	540	425	SLU_ENV	Min	0.	-213.0658	-12.0954	-14.1948
540	540	432	SLU_ENV	Min	0.	-219.6348	-10.1538	-25.9175
540	540	431	SLU_ENV	Min	0.	-296.6123	-12.8249	-16.8204
540	540	424	SLV_Ex		125.9	-351.799	-21.2654	8.3873
540	540	425	SLV_Ex		127.65	-447.045	-26.2191	-7.8985
540	540	432	SLV_Ex		173.64	-467.6066	-23.4804	4.7796
540	540	431	SLV_Ex		171.97	-372.1362	-18.7244	21.0653
541	541	425	SLU_ENV	Max	0.	-82.1593	-3.6804	2.8941
541	541	426	SLU_ENV	Max	0.	-18.3514	-0.4534	3.9502
541	541	433	SLU_ENV	Max	0.	-18.9206	1.012	-4.1715
541	541	432	SLU_ENV	Max	0.	-82.9647	-1.3661	-5.2276
541	541	425	SLU_ENV	Min	0.	-210.2226	-12.1843	-11.2339
541	541	426	SLU_ENV	Min	0.	-70.5924	-3.3202	-13.8549
541	541	433	SLU_ENV	Min	0.	-70.6676	0.1395	-31.5323
541	541	432	SLU_ENV	Min	0.	-210.7298	-9.0314	-28.9113
541	541	425	SLV_Ex		145.2	-445.4935	-28.4754	2.9287
541	541	426	SLV_Ex		171.24	-458.3518	-41.0911	-23.3973
541	541	433	SLV_Ex		243.72	-491.1032	-35.8006	-32.4469
541	541	432	SLV_Ex		239.8	-478.4253	-23.0775	-6.121
542	542	426	SLU_ENV	Max	0.	-20.386	1.2661	3.1491
542	542	511	SLU_ENV	Max	0.	165.3084	25.6739	3.0081
542	542	529	SLU_ENV	Max	0.	175.7877	33.6983	-3.5003
542	542	433	SLU_ENV	Max	0.	-16.194	2.9884	-3.3593
542	542	426	SLU_ENV	Min	0.	-68.3333	-5.3628	-15.8287

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
542	542	511	SLU_ENV	Min	0.	64.9202	11.5134	-9.1458
542	542	529	SLU_ENV	Min	0.	64.6183	10.845	-22.8569
542	542	433	SLU_ENV	Min	0.	-62.8399	0.642	-29.5398
542	542	426	SLV_Ex		117.86	-481.1564	-53.2552	-14.2003
542	542	511	SLV_Ex		142.24	-368.2376	-61.0816	-1.7025
542	542	529	SLV_Ex		414.29	-345.3077	-30.4699	-29.3101
542	542	433	SLV_Ex		462.61	-459.5188	-21.8805	-41.808
543	543	440	SLU_ENV	Max	0.	27.1114	8.919	-0.0221
543	543	583	SLU_ENV	Max	0.	114.7571	21.9071	-5.516
543	543	565	SLU_ENV	Max	0.	84.8566	5.9702	-6.5766
543	543	441	SLU_ENV	Max	0.	-0.5528	-2.1295	-1.0827
543	543	440	SLU_ENV	Min	0.	5.5963	0.3592	-4.5755
543	543	583	SLU_ENV	Min	0.	30.4951	4.0079	-27.3284
543	543	565	SLU_ENV	Min	0.	23.5499	1.5447	-30.9616
543	543	441	SLU_ENV	Min	0.	-3.4029	-7.0617	-8.2087
543	543	440	SLV_Ex		340.67	-5.6151	-26.5544	25.5049
543	543	583	SLV_Ex		139.95	-46.0624	-65.3802	26.2234
543	543	565	SLV_Ex		182.93	-39.6227	-36.7536	1.4129
543	543	441	SLV_Ex		221.64	0.9692	1.6399	0.6945
544	544	441	SLU_ENV	Max	0.	8.3817	17.7219	-3.3513
544	544	565	SLU_ENV	Max	0.	84.4485	34.2684	-4.322
544	544	547	SLU_ENV	Max	0.	72.7013	10.87	-2.8852
544	544	442	SLU_ENV	Max	0.	-1.0559	-2.3729	-1.9144
544	544	441	SLU_ENV	Min	0.	0.5877	1.9624	-16.6559
544	544	565	SLU_ENV	Min	0.	23.8307	8.3594	-22.5861
544	544	547	SLU_ENV	Min	0.	21.797	3.9435	-21.3894
544	544	442	SLU_ENV	Min	0.	-3.4956	-5.9424	-15.4591
544	544	441	SLV_Ex		206.91	-10.7066	-28.1158	-0.6159
544	544	565	SLV_Ex		157.04	-31.455	-24.5377	2.8187
544	544	547	SLV_Ex		31.56	-24.6429	-11.1331	8.9944
544	544	442	SLV_Ex		208.26	-4.083	-14.5047	5.5599
545	545	442	SLU_ENV	Max	0.	3.2482	9.8375	-2.413
545	545	547	SLU_ENV	Max	0.	72.9919	24.6194	-2.3993
545	545	120	SLU_ENV	Max	0.	68.6739	10.1392	-1.5849
545	545	443	SLU_ENV	Max	0.	-0.305	-1.6134	-1.5986
545	545	442	SLU_ENV	Min	0.	-1.1491	0.7412	-17.8338
545	545	547	SLU_ENV	Min	0.	21.8507	6.2747	-19.065
545	545	120	SLU_ENV	Min	0.	21.39	3.9443	-18.4288
545	545	443	SLU_ENV	Min	0.	-2.1566	-4.933	-17.1977
545	545	442	SLV_Ex		114.91	-0.774	-3.2039	6.9437
545	545	547	SLV_Ex		33.49	-24.8278	-6.8136	7.635
545	545	120	SLV_Ex		50.24	-24.2841	-8.3815	8.3713
545	545	443	SLV_Ex		88.89	-0.4202	-4.4396	7.6799
546	546	443	SLU_ENV	Max	0.	1.8034	6.1506	-1.7601
546	546	120	SLU_ENV	Max	0.	70.6969	20.6949	-1.436
546	546	7	SLU_ENV	Max	0.	68.7211	10.1606	-0.5829
546	546	444	SLU_ENV	Max	0.	-0.3633	-1.1255	-0.907
546	546	443	SLU_ENV	Min	0.	-1.9498	-0.6356	-17.9482
546	546	120	SLU_ENV	Min	0.	21.8702	5.4193	-17.7245
546	546	7	SLU_ENV	Min	0.	22.065	4.3339	-16.5734
546	546	444	SLU_ENV	Min	0.	-1.2772	-5.2176	-16.7971
546	546	443	SLV_Ex		70.99	3.2213	4.7898	8.469
546	546	120	SLV_Ex		43.94	-24.9156	-2.5608	7.5907
546	546	7	SLV_Ex		51.14	-27.1592	-8.7795	5.9331

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
546	546	444	SLV_Ex		66.45	0.7587	-1.2341	6.8115
547	547	444	SLU_ENV	Max	0.	1.57	4.6246	-0.8843
547	547	7	SLU_ENV	Max	0.	70.3221	18.1736	-0.6204
547	547	35	SLU_ENV	Max	0.	68.5115	10.7722	0.1041
547	547	445	SLU_ENV	Max	0.	-0.2339	-0.5629	-0.3684
547	547	444	SLU_ENV	Min	0.	-1.4446	-1.0661	-16.6614
547	547	7	SLU_ENV	Min	0.	22.3946	4.9019	-16.7604
547	547	35	SLU_ENV	Min	0.	22.6699	4.3975	-16.4288
547	547	445	SLU_ENV	Min	0.	-0.8829	-4.0168	-16.1211
547	547	444	SLV_Ex		60.69	2.8308	5.1033	6.436
547	547	7	SLV_Ex		34.	-26.7414	-2.6674	6.3199
547	547	35	SLV_Ex		37.89	-27.9106	-8.2747	4.5706
547	547	445	SLV_Ex		58.69	1.4907	-0.3616	4.6868
548	548	445	SLU_ENV	Max	0.	1.5075	3.8799	-0.3112
548	548	35	SLU_ENV	Max	0.	69.3408	16.8735	-0.084
548	548	62	SLU_ENV	Max	0.	67.0772	11.0307	0.5553
548	548	446	SLU_ENV	Max	0.	-0.0986	-0.1903	0.1782
548	548	445	SLU_ENV	Min	0.	-0.7736	-0.7936	-15.8928
548	548	35	SLU_ENV	Min	0.	22.7992	4.6767	-16.5928
548	548	62	SLU_ENV	Min	0.	22.972	3.969	-16.9039
548	548	446	SLU_ENV	Min	0.	-0.9566	-3.5092	-16.054
548	548	445	SLV_Ex		56.48	2.4474	3.5068	4.7838
548	548	35	SLV_Ex		36.29	-27.2682	-4.1473	4.4843
548	548	62	SLV_Ex		37.78	-28.3223	-7.8237	2.8931
548	548	446	SLV_Ex		55.97	1.2805	-0.0787	3.1926
549	549	446	SLU_ENV	Max	0.	1.2254	3.2319	0.2495
549	549	62	SLU_ENV	Max	0.	67.6009	16.2147	0.4459
549	549	89	SLU_ENV	Max	0.	65.0481	11.1096	0.7278
549	549	447	SLU_ENV	Max	0.	-0.0398	-0.0361	0.5314
549	549	446	SLU_ENV	Min	0.	-0.3976	-0.5035	-15.9984
549	549	62	SLU_ENV	Min	0.	23.0206	4.6331	-16.9864
549	549	89	SLU_ENV	Min	0.	23.1225	3.4484	-16.9603
549	549	447	SLU_ENV	Min	0.	-1.2785	-3.7603	-15.9723
549	549	446	SLV_Ex		56.65	1.7054	2.0091	3.0408
549	549	62	SLV_Ex		36.21	-27.824	-5.2953	3.0585
549	549	89	SLV_Ex		36.8	-28.1438	-7.2167	1.766
549	549	447	SLV_Ex		56.77	1.315	0.144	1.7483
550	550	447	SLU_ENV	Max	0.	0.8272	2.5061	0.6242
550	550	89	SLU_ENV	Max	0.	65.4202	15.6623	0.5961
550	550	142	SLU_ENV	Max	0.	62.5309	11.0813	0.8125
550	550	448	SLU_ENV	Max	0.	-0.0815	-0.0289	0.8405
550	550	447	SLU_ENV	Min	0.	-0.1984	-0.4354	-15.9219
550	550	89	SLU_ENV	Min	0.	23.1249	4.6357	-17.0343
550	550	142	SLU_ENV	Min	0.	23.1113	2.9004	-16.5137
550	550	448	SLU_ENV	Min	0.	-1.8923	-4.4468	-15.4013
550	550	447	SLV_Ex		57.05	1.5015	1.0713	1.8342
550	550	89	SLV_Ex		36.43	-27.9186	-6.0851	1.6939
550	550	142	SLV_Ex		36.3	-28.1771	-6.5598	0.5325
550	550	448	SLV_Ex		56.81	1.2138	0.6203	0.6728
551	551	448	SLU_ENV	Max	0.	0.2896	1.6657	0.9074
551	551	142	SLU_ENV	Max	0.	62.8009	15.1037	0.707
551	551	169	SLU_ENV	Max	0.	59.7442	11.0657	1.1574
551	551	449	SLU_ENV	Max	0.	-0.187	-0.1225	1.3579
551	551	448	SLU_ENV	Min	0.	-0.2644	-0.7322	-15.3893

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
551	551	142	SLU_ENV	Min	0.	23.0737	4.6252	-16.5454
551	551	169	SLU_ENV	Min	0.	22.9802	2.4442	-15.3915
551	551	449	SLU_ENV	Min	0.	-2.657	-5.3757	-14.2355
551	551	448	SLV_Ex		55.02	1.2256	0.5611	0.5099
551	551	142	SLV_Ex		36.13	-28.2327	-6.719	0.7103
551	551	169	SLV_Ex		36.08	-27.7612	-5.6349	-0.5396
551	551	449	SLV_Ex		55.1	1.7024	1.6415	-0.7399
552	552	449	SLU_ENV	Max	0.	-0.178	0.6731	1.4959
552	552	169	SLU_ENV	Max	0.	59.8347	14.4131	0.9816
552	552	196	SLU_ENV	Max	0.	56.5245	11.3143	1.9981
552	552	450	SLU_ENV	Max	0.	-0.3939	-0.2215	2.5124
552	552	449	SLU_ENV	Min	0.	-0.6253	-1.5329	-14.192
552	552	169	SLU_ENV	Min	0.	22.8647	4.5372	-15.4509
552	552	196	SLU_ENV	Min	0.	22.6534	2.143	-13.5539
552	552	450	SLU_ENV	Min	0.	-3.6848	-6.3129	-12.295
552	552	449	SLV_Ex		54.35	1.3917	0.3273	-0.6582
552	552	169	SLV_Ex		33.88	-28.0154	-7.1452	-0.6084
552	552	196	SLV_Ex		31.81	-27.3918	-4.192	-2.018
552	552	450	SLV_Ex		53.97	2.0665	3.2378	-2.0677
553	553	450	SLU_ENV	Max	0.	-0.3915	-0.5561	2.6434
553	553	196	SLU_ENV	Max	0.	56.2558	13.4194	1.8312
553	553	223	SLU_ENV	Max	0.	52.9812	12.4027	3.7631
553	553	451	SLU_ENV	Max	0.	-0.6072	-0.0938	4.5752
553	553	450	SLU_ENV	Min	0.	-1.6978	-2.9763	-12.2789
553	553	196	SLU_ENV	Min	0.	22.3934	4.3399	-13.5817
553	553	223	SLU_ENV	Min	0.	22.1871	2.1023	-10.8098
553	553	451	SLU_ENV	Min	0.	-4.7747	-6.8239	-9.5069
553	553	450	SLV_Ex		60.76	1.0109	0.4862	-2.6995
553	553	196	SLV_Ex		36.56	-27.5611	-7.5649	-1.373
553	553	223	SLV_Ex		36.12	-24.9982	-3.0174	-3.4269
553	553	451	SLV_Ex		64.64	3.6639	4.9496	-4.7535
554	554	451	SLU_ENV	Max	0.	-0.7254	-1.5957	4.3344
554	554	223	SLU_ENV	Max	0.	52.172	11.8555	3.9711
554	554	250	SLU_ENV	Max	0.	52.0467	15.1834	6.3211
554	554	458	SLU_ENV	Max	0.	-0.4215	1.9694	6.6845
554	554	451	SLU_ENV	Min	0.	-3.028	-4.7666	-9.5245
554	554	223	SLU_ENV	Min	0.	21.7278	3.8942	-10.7995
554	554	250	SLU_ENV	Min	0.	20.0467	2.366	-7.2017
554	554	458	SLU_ENV	Min	0.	-5.039	-6.5909	-5.9268
554	554	451	SLV_Ex		86.59	0.8296	-1.2236	-4.2227
554	554	223	SLV_Ex		36.72	-24.2525	-7.2871	-3.9509
554	554	250	SLV_Ex		34.87	-23.5035	-4.8237	-4.8105
554	554	458	SLV_Ex		103.59	1.7322	1.0789	-5.0823
555	555	458	SLU_ENV	Max	0.	-1.4046	-2.4832	5.4816
555	555	250	SLU_ENV	Max	0.	51.4738	10.8162	7.4902
555	555	277	SLU_ENV	Max	0.	56.5828	21.1521	10.9394
555	555	459	SLU_ENV	Max	0.	1.5339	6.3413	8.9308
555	555	458	SLU_ENV	Min	0.	-4.9302	-7.4984	-6.0795
555	555	250	SLU_ENV	Min	0.	19.8562	3.9052	-7.0524
555	555	277	SLU_ENV	Min	0.	18.0309	3.3177	-2.2699
555	555	459	SLU_ENV	Min	0.	-4.5953	-6.5866	-1.297
555	555	458	SLV_Ex		210.62	-2.1198	-10.567	-3.4689
555	555	250	SLV_Ex		30.22	-22.6775	-8.3075	-6.4085
555	555	277	SLV_Ex		145.73	-29.0007	-20.5154	-0.6338

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
555	555	459	SLV_Ex		207.24	-8.2739	-22.9318	2.3058
556	556	459	SLU_ENV	Max	0.	-1.615	-2.4271	3.1695
556	556	277	SLU_ENV	Max	0.	56.2619	5.2354	16.6608
556	556	304	SLU_ENV	Max	0.	75.5469	13.3875	15.2615
556	556	460	SLU_ENV	Max	0.	15.0781	2.9138	1.7702
556	556	459	SLU_ENV	Min	0.	-5.7235	-6.8353	-3.1549
556	556	277	SLU_ENV	Min	0.	17.2949	1.5815	-0.4086
556	556	304	SLU_ENV	Min	0.	20.5737	1.3355	0.8878
556	556	460	SLU_ENV	Min	0.	0.0182	-4.2006	-1.8585
556	556	459	SLV_Ex		222.71	2.0991	2.5001	0.8893
556	556	277	SLV_Ex		180.91	-36.5338	-31.7477	0.8687
556	556	304	SLV_Ex		121.29	-42.5628	-62.392	-23.0352
556	556	460	SLV_Ex		336.03	-4.0859	-27.7819	-23.0146
613	613	750	SLU_ENV	Max	0.	114.7548	21.9061	27.3278
613	613	550	SLU_ENV	Max	0.	27.1108	8.9185	4.575
613	613	551	SLU_ENV	Max	0.	-0.5531	-2.1295	8.2083
613	613	734	SLU_ENV	Max	0.	84.8544	5.9695	30.9611
613	613	750	SLU_ENV	Min	0.	30.4946	4.0076	5.5158
613	613	550	SLU_ENV	Min	0.	5.5962	0.3591	0.0219
613	613	551	SLU_ENV	Min	0.	-3.4031	-7.0618	1.0826
613	613	734	SLU_ENV	Min	0.	23.5494	1.5445	6.5765
613	613	750	SLV_Ex		156.42	120.2895	64.6913	23.8751
613	613	550	SLV_Ex		317.54	5.1029	19.505	18.2544
613	613	551	SLV_Ex		220.02	-7.3559	-9.3967	0.3862
613	613	734	SLV_Ex		161.74	107.9682	35.3903	6.0069
614	614	734	SLU_ENV	Max	0.	84.4464	34.2679	22.5854
614	614	551	SLU_ENV	Max	0.	8.3811	17.7214	16.6557
614	614	552	SLU_ENV	Max	0.	-1.0558	-2.373	15.4587
614	614	718	SLU_ENV	Max	0.	72.7	10.8697	21.3884
614	614	734	SLU_ENV	Min	0.	23.8302	8.3593	4.3219
614	614	551	SLU_ENV	Min	0.	0.5876	1.9623	3.3512
614	614	552	SLU_ENV	Min	0.	-3.4956	-5.9426	1.9144
614	614	718	SLU_ENV	Min	0.	21.7966	3.9434	2.885
614	614	734	SLV_Ex		154.4	102.5791	45.6592	4.3737
614	614	551	SLV_Ex		217.11	7.2077	26.2066	2.1246
614	614	552	SLV_Ex		176.56	-0.0169	3.1893	1.7971
614	614	718	SLV_Ex		78.24	95.3422	22.6125	4.0462
615	615	718	SLU_ENV	Max	0.	72.9906	24.619	19.0645
615	615	552	SLU_ENV	Max	0.	3.2484	9.8374	17.8329
615	615	553	SLU_ENV	Max	0.	-0.3052	-1.6134	17.1967
615	615	331	SLU_ENV	Max	0.	68.6721	10.1388	18.4284
615	615	718	SLU_ENV	Min	0.	21.8504	6.2746	2.3992
615	615	552	SLU_ENV	Min	0.	-1.1491	0.7411	2.4129
615	615	553	SLU_ENV	Min	0.	-2.1568	-4.9331	1.5985
615	615	331	SLU_ENV	Min	0.	21.3895	3.9442	1.5848
615	615	718	SLV_Ex		78.61	95.8759	25.904	2.9378
615	615	552	SLV_Ex		142.28	0.6971	6.1364	2.9747
615	615	553	SLV_Ex		143.19	-0.3367	0.6228	2.3724
615	615	331	SLV_Ex		84.73	94.8063	20.4901	2.3355
616	616	331	SLU_ENV	Max	0.	70.6951	20.6948	17.7235
616	616	553	SLU_ENV	Max	0.	1.8032	6.1508	17.9478
616	616	554	SLU_ENV	Max	0.	-0.3629	-1.1255	16.7968
616	616	349	SLU_ENV	Max	0.	68.7201	10.1604	16.5725
616	616	331	SLU_ENV	Min	0.	21.8698	5.4193	1.4358

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
616	616	553	SLU_ENV	Min	0.	-1.95	-0.6354	1.76
616	616	554	SLU_ENV	Min	0.	-1.277	-5.2174	0.9069
616	616	349	SLU_ENV	Min	0.	22.0647	4.3338	0.5827
616	616	331	SLV_Ex		93.69	96.7687	20.3886	1.5215
616	616	553	SLV_Ex		134.86	-2.784	-1.7004	3.2444
616	616	554	SLV_Ex		135.29	-0.2046	0.0159	1.2377
616	616	349	SLV_Ex		95.16	99.3219	22.1517	-0.4852
617	617	349	SLU_ENV	Max	0.	70.3212	18.1736	16.76
617	617	554	SLU_ENV	Max	0.	1.5704	4.6249	16.6605
617	617	555	SLU_ENV	Max	0.	-0.234	-0.5628	16.1205
617	617	367	SLU_ENV	Max	0.	68.5099	10.7719	16.4288
617	617	349	SLU_ENV	Min	0.	22.3944	4.9019	0.6203
617	617	554	SLU_ENV	Min	0.	-1.4443	-1.0658	0.8841
617	617	555	SLU_ENV	Min	0.	-0.8831	-4.0165	0.3683
617	617	367	SLU_ENV	Min	0.	22.6695	4.3974	-0.1043
617	617	349	SLV_Ex		95.17	99.9653	19.1535	-0.015
617	617	554	SLV_Ex		135.42	-1.9268	-2.3798	0.8361
617	617	555	SLV_Ex		134.89	-0.1212	1.1271	-0.2432
617	617	367	SLV_Ex		94.61	101.7563	22.6806	-1.0944
618	618	367	SLU_ENV	Max	0.	69.3392	16.8734	16.5925
618	618	555	SLU_ENV	Max	0.	1.5074	3.8801	15.8927
618	618	556	SLU_ENV	Max	0.	-0.0985	-0.1902	16.0542
618	618	385	SLU_ENV	Max	0.	67.0762	11.0305	16.9038
618	618	367	SLU_ENV	Min	0.	22.7988	4.6767	0.0835
618	618	555	SLU_ENV	Min	0.	-0.7736	-0.7933	0.3111
618	618	556	SLU_ENV	Min	0.	-0.9561	-3.5089	-0.1783
618	618	385	SLU_ENV	Min	0.	22.9717	3.969	-0.5557
618	618	367	SLV_Ex		98.69	101.5912	19.56	-0.8606
618	618	555	SLV_Ex		130.41	-1.0611	-1.2769	-0.4064
618	618	556	SLV_Ex		130.39	0.1367	1.785	-0.7197
618	618	385	SLV_Ex		98.73	102.7867	22.6272	-1.1739
619	619	385	SLU_ENV	Max	0.	67.5999	16.2145	16.9865
619	619	556	SLU_ENV	Max	0.	1.2257	3.232	15.9982
619	619	557	SLU_ENV	Max	0.	-0.0398	-0.036	15.9723
619	619	403	SLU_ENV	Max	0.	65.0465	11.1094	16.9605
619	619	385	SLU_ENV	Min	0.	23.0203	4.6331	-0.446
619	619	556	SLU_ENV	Min	0.	-0.3972	-0.5032	-0.2499
619	619	557	SLU_ENV	Min	0.	-1.2786	-3.76	-0.5317
619	619	403	SLU_ENV	Min	0.	23.1221	3.4483	-0.7278
619	619	385	SLV_Ex		99.51	102.4974	20.2581	-0.9961
619	619	556	SLV_Ex		128.19	-0.4471	-0.2112	-0.8251
619	619	557	SLV_Ex		128.24	0.1721	1.7957	-0.7542
619	619	403	SLV_Ex		99.59	103.1195	22.2639	-0.9251
620	620	403	SLU_ENV	Max	0.	65.4185	15.662	17.0342
620	620	557	SLU_ENV	Max	0.	0.827	2.5061	15.9221
620	620	558	SLU_ENV	Max	0.	-0.0814	-0.0289	15.4015
620	620	421	SLU_ENV	Max	0.	62.5297	11.081	16.5137
620	620	403	SLU_ENV	Min	0.	23.1245	4.6357	-0.5964
620	620	557	SLU_ENV	Min	0.	-0.1985	-0.4353	-0.6243
620	620	558	SLU_ENV	Min	0.	-1.8919	-4.4466	-0.8405
620	620	421	SLU_ENV	Min	0.	23.111	2.9003	-0.8126
620	620	403	SLV_Ex		99.41	102.9108	20.8158	-0.8204
620	620	557	SLV_Ex		126.79	-0.1896	0.3916	-0.7858
620	620	558	SLV_Ex		126.62	0.0364	1.3181	-0.6452

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
620	620	421	SLV_Ex		99.24	103.143	21.7383	-0.6797
621	621	421	SLU_ENV	Max	0.	62.7997	15.1035	16.5456
621	621	558	SLU_ENV	Max	0.	0.2898	1.6658	15.3893
621	621	559	SLU_ENV	Max	0.	-0.1871	-0.1225	14.2355
621	621	439	SLU_ENV	Max	0.	59.7425	11.0655	15.3917
621	621	421	SLU_ENV	Min	0.	23.0734	4.6251	-0.707
621	621	558	SLU_ENV	Min	0.	-0.2642	-0.7321	-0.9076
621	621	559	SLU_ENV	Min	0.	-2.6571	-5.3756	-1.358
621	621	439	SLU_ENV	Min	0.	22.9798	2.4442	-1.1574
621	621	421	SLV_Ex		98.86	103.0438	21.2318	-0.5186
621	621	558	SLV_Ex		125.39	-0.1246	0.524	-0.7332
621	621	559	SLV_Ex		125.41	-0.4429	0.3413	-0.8319
621	621	439	SLV_Ex		98.89	102.7349	21.0411	-0.6173
622	622	439	SLU_ENV	Max	0.	59.8331	14.4127	15.4509
622	622	559	SLU_ENV	Max	0.	-0.178	0.6731	14.1922
622	622	560	SLU_ENV	Max	0.	-0.3939	-0.2215	12.2952
622	622	457	SLU_ENV	Max	0.	56.5232	11.314	13.554
622	622	439	SLU_ENV	Min	0.	22.8643	4.5372	-0.9817
622	622	559	SLU_ENV	Min	0.	-0.6255	-1.5329	-1.4959
622	622	560	SLU_ENV	Min	0.	-3.6847	-6.3128	-2.5123
622	622	457	SLU_ENV	Min	0.	22.6531	2.143	-1.9981
622	622	439	SLV_Ex		95.48	102.5905	21.3643	-0.4697
622	622	559	SLV_Ex		127.18	-0.2766	0.1278	-0.9078
622	622	560	SLV_Ex		126.65	-1.0429	-0.8296	-1.5272
622	622	457	SLV_Ex		94.81	101.8424	20.3877	-1.0892
623	623	457	SLU_ENV	Max	0.	56.2545	13.4191	13.5819
623	623	560	SLU_ENV	Max	0.	-0.3914	-0.5562	12.279
623	623	566	SLU_ENV	Max	0.	-0.6072	-0.0938	9.507
623	623	475	SLU_ENV	Max	0.	52.9797	12.4026	10.8099
623	623	457	SLU_ENV	Min	0.	22.393	4.3398	-1.8312
623	623	560	SLU_ENV	Min	0.	-1.6976	-2.9763	-2.6434
623	623	566	SLU_ENV	Min	0.	-4.7748	-6.8238	-4.5753
623	623	475	SLU_ENV	Min	0.	22.1868	2.1023	-3.763
623	623	457	SLV_Ex		95.03	101.1917	21.0783	-0.4534
623	623	560	SLV_Ex		132.27	-0.3261	-1.1896	-2.0917
623	623	566	SLV_Ex		134.07	-2.4761	-1.3147	-3.8671
623	623	475	SLV_Ex		96.8	99.0646	20.919	-2.2288
624	624	475	SLU_ENV	Max	0.	52.1705	11.8552	10.7995
624	624	566	SLU_ENV	Max	0.	-0.7254	-1.5958	9.5247
624	624	567	SLU_ENV	Max	0.	-0.4215	1.9694	5.9269
624	624	493	SLU_ENV	Max	0.	52.0455	15.1831	7.2018
624	624	475	SLU_ENV	Min	0.	21.7274	3.8941	-3.9712
624	624	566	SLU_ENV	Min	0.	-3.0282	-4.7667	-4.3344
624	624	567	SLU_ENV	Min	0.	-5.039	-6.591	-6.6845
624	624	493	SLU_ENV	Min	0.	20.0461	2.3659	-6.3212
624	624	475	SLV_Ex		87.45	97.0475	19.5314	-2.7557
624	624	566	SLV_Ex		152.32	-0.7252	-1.2581	-3.2749
624	624	567	SLV_Ex		150.35	-0.1904	4.9326	-4.3759
624	624	493	SLV_Ex		82.54	97.6314	25.6466	-3.8567
625	625	493	SLU_ENV	Max	0.	51.4726	10.816	7.0525
625	625	567	SLU_ENV	Max	0.	-1.4046	-2.4832	6.0795
625	625	568	SLU_ENV	Max	0.	1.5339	6.3411	1.2969
625	625	511	SLU_ENV	Max	0.	56.5815	21.1518	2.2699
625	625	493	SLU_ENV	Min	0.	19.8557	3.9051	-7.4902

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
625	625	567	SLU_ENV	Min	0.	-4.9302	-7.4985	-5.4816
625	625	568	SLU_ENV	Min	0.	-4.5953	-6.5867	-8.9308
625	625	511	SLU_ENV	Min	0.	18.0302	3.3175	-10.9394
625	625	493	SLV_Ex		77.38	96.2242	20.3737	-5.1534
625	625	567	SLV_Ex		191.35	-0.5456	1.3937	-3.0034
625	625	568	SLV_Ex		221.45	7.1045	25.9221	-2.7004
625	625	511	SLV_Ex		150.44	103.9042	44.9009	-4.8504
626	626	511	SLU_ENV	Max	0.	56.2606	5.2349	0.4086
626	626	568	SLU_ENV	Max	0.	-1.615	-2.4271	3.1549
626	626	569	SLU_ENV	Max	0.	15.0783	2.9137	1.8586
626	626	529	SLU_ENV	Max	0.	75.5458	13.3869	-0.8877
626	626	511	SLU_ENV	Min	0.	17.2942	1.5814	-16.661
626	626	568	SLU_ENV	Min	0.	-5.7235	-6.8353	-3.1695
626	626	569	SLU_ENV	Min	0.	0.0182	-4.2007	-1.7701
626	626	529	SLU_ENV	Min	0.	20.573	1.3351	-15.2615
626	626	511	SLV_Ex		155.18	108.8131	31.9386	-6.8068
626	626	568	SLV_Ex		218.18	-7.6754	-10.4703	-0.6316
626	626	569	SLV_Ex		308.91	7.0435	22.91	-17.9267
626	626	529	SLV_Ex		141.67	123.3956	65.6607	-24.1019

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
18	18	583	SLU_ENV	Max	0.	0.	0.	-7.06
18	18	582	SLU_ENV	Max	0.	0.	0.	-7.06
18	18	564	SLU_ENV	Max	0.	0.	0.	-7.06
18	18	565	SLU_ENV	Max	0.	0.	0.	-7.06
18	18	583	SLU_ENV	Min	0.	0.	0.	-26.02
18	18	582	SLU_ENV	Min	0.	0.	0.	-26.02
18	18	564	SLU_ENV	Min	0.	0.	0.	-26.02
18	18	565	SLU_ENV	Min	0.	0.	0.	-26.02
18	18	583	SLV_Ex		-86.2	-808.8109	-1.123	-33.07
18	18	582	SLV_Ex		-21.1194	-428.2444	-2.855	-33.07
18	18	564	SLV_Ex		-54.9881	-426.6928	-1.603	-33.07
18	18	565	SLV_Ex		-119.4955	-807.9712	-0.357	-33.07
19	19	565	SLU_ENV	Max	0.	0.	0.	-3.18
19	19	564	SLU_ENV	Max	0.	0.	0.	-3.18
19	19	546	SLU_ENV	Max	0.	0.	0.	-3.18
19	19	547	SLU_ENV	Max	0.	0.	0.	-3.18
19	19	565	SLU_ENV	Min	0.	0.	0.	-16.29
19	19	564	SLU_ENV	Min	0.	0.	0.	-16.29
19	19	546	SLU_ENV	Min	0.	0.	0.	-16.29
19	19	547	SLU_ENV	Min	0.	0.	0.	-16.29
19	19	565	SLV_Ex		-167.3599	-815.0851	-0.193	5.97
19	19	564	SLV_Ex		-86.9173	-435.6746	-1.999	5.97
19	19	546	SLV_Ex		-80.5625	-422.9884	-2.64	5.97
19	19	547	SLV_Ex		-161.412	-801.8014	-0.518	5.97
20	20	547	SLU_ENV	Max	0.	0.	0.	-1.37
20	20	546	SLU_ENV	Max	0.	0.	0.	-1.37
20	20	119	SLU_ENV	Max	0.	0.	0.	-1.37
20	20	120	SLU_ENV	Max	0.	0.	0.	-1.37

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
20	20	547	SLU_ENV	Min	0.	0.	0.	-9.21
20	20	546	SLU_ENV	Min	0.	0.	0.	-9.21
20	20	119	SLU_ENV	Min	0.	0.	0.	-9.21
20	20	120	SLU_ENV	Min	0.	0.	0.	-9.21
20	20	547	SLV_Ex		-159.8945	-793.0036	-0.626	10.06
20	20	546	SLV_Ex		-91.6777	-433.5915	-2.417	10.06
20	20	119	SLV_Ex		-82.7617	-423.5738	-1.911	10.06
20	20	120	SLV_Ex		-150.9592	-782.9383	-0.351	10.06
21	21	120	SLU_ENV	Max	0.	0.	0.	-0.5
21	21	119	SLU_ENV	Max	0.	0.	0.	-0.5
21	21	6	SLU_ENV	Max	0.	0.	0.	-0.5
21	21	7	SLU_ENV	Max	0.	0.	0.	-0.5
21	21	120	SLU_ENV	Min	0.	0.	0.	-5.4
21	21	119	SLU_ENV	Min	0.	0.	0.	-5.4
21	21	6	SLU_ENV	Min	0.	0.	0.	-5.4
21	21	7	SLU_ENV	Min	0.	0.	0.	-5.4
21	21	120	SLV_Ex		-159.6914	-777.6914	-0.485	7.66
21	21	119	SLV_Ex		-92.0111	-432.3239	-1.647	7.66
21	21	6	SLV_Ex		-83.6334	-424.6774	-1.413	7.66
21	21	7	SLV_Ex		-151.3097	-769.8976	-0.358	7.66
22	22	7	SLU_ENV	Max	0.	0.	0.	-0.15
22	22	6	SLU_ENV	Max	0.	0.	0.	-0.15
22	22	34	SLU_ENV	Max	0.	0.	0.	-0.15
22	22	35	SLU_ENV	Max	0.	0.	0.	-0.15
22	22	7	SLU_ENV	Min	0.	0.	0.	-3.96
22	22	6	SLU_ENV	Min	0.	0.	0.	-3.96
22	22	34	SLU_ENV	Min	0.	0.	0.	-3.96
22	22	35	SLU_ENV	Min	0.	0.	0.	-3.96
22	22	7	SLV_Ex		-154.9601	-766.164	-0.448	5.18
22	22	6	SLV_Ex		-90.2632	-430.4202	-1.223	5.18
22	22	34	SLV_Ex		-84.6297	-425.9669	-0.843	5.18
22	22	35	SLV_Ex		-149.2921	-761.6875	-0.238	5.18
23	23	35	SLU_ENV	Max	0.	0.	0.	-4.318E-02
23	23	34	SLU_ENV	Max	0.	0.	0.	-4.318E-02
23	23	61	SLU_ENV	Max	0.	0.	0.	-4.318E-02
23	23	62	SLU_ENV	Max	0.	0.	0.	-4.318E-02
23	23	35	SLU_ENV	Min	0.	0.	0.	-3.56
23	23	34	SLU_ENV	Min	0.	0.	0.	-3.56
23	23	61	SLU_ENV	Min	0.	0.	0.	-3.56
23	23	62	SLU_ENV	Min	0.	0.	0.	-3.56
23	23	35	SLV_Ex		-153.7195	-760.5956	-0.284	3.54
23	23	34	SLV_Ex		-88.5963	-428.7199	-0.727	3.54
23	23	61	SLV_Ex		-84.7199	-426.2156	-0.545	3.54
23	23	62	SLV_Ex		-149.8337	-758.0717	-0.183	3.54
24	24	62	SLU_ENV	Max	0.	0.	0.	-2.686E-02
24	24	61	SLU_ENV	Max	0.	0.	0.	-2.686E-02
24	24	88	SLU_ENV	Max	0.	0.	0.	-2.686E-02
24	24	89	SLU_ENV	Max	0.	0.	0.	-2.686E-02
24	24	62	SLU_ENV	Min	0.	0.	0.	-3.4
24	24	61	SLU_ENV	Min	0.	0.	0.	-3.4
24	24	88	SLU_ENV	Min	0.	0.	0.	-3.4
24	24	89	SLU_ENV	Min	0.	0.	0.	-3.4
24	24	62	SLV_Ex		-151.8112	-757.5734	-0.2	1.87
24	24	61	SLV_Ex		-86.9945	-427.5571	-0.479	1.87

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
24	24	88	SLV_Ex		-84.9516	-426.1676	-0.312	1.87
24	24	89	SLV_Ex		-149.7553	-756.1892	-0.106	1.87
25	25	89	SLU_ENV	Max	0.	0.	0.	-1.470E-02
25	25	88	SLU_ENV	Max	0.	0.	0.	-1.470E-02
25	25	141	SLU_ENV	Max	0.	0.	0.	-1.470E-02
25	25	142	SLU_ENV	Max	0.	0.	0.	-1.470E-02
25	25	89	SLU_ENV	Min	0.	0.	0.	-3.16
25	25	88	SLU_ENV	Min	0.	0.	0.	-3.16
25	25	141	SLU_ENV	Min	0.	0.	0.	-3.16
25	25	142	SLU_ENV	Min	0.	0.	0.	-3.16
25	25	89	SLV_Ex		-150.8962	-756.0399	-0.11	0.8
25	25	88	SLV_Ex		-86.0737	-426.7664	-0.266	0.8
25	25	141	SLV_Ex		-85.2043	-426.0361	-0.126	0.8
25	25	142	SLV_Ex		-150.0191	-755.3132	-0.031	0.8
26	26	142	SLU_ENV	Max	0.	0.	0.	2.657E-02
26	26	141	SLU_ENV	Max	0.	0.	0.	2.657E-02
26	26	168	SLU_ENV	Max	0.	0.	0.	2.657E-02
26	26	169	SLU_ENV	Max	0.	0.	0.	2.657E-02
26	26	142	SLU_ENV	Min	0.	0.	0.	-2.77
26	26	141	SLU_ENV	Min	0.	0.	0.	-2.77
26	26	168	SLU_ENV	Min	0.	0.	0.	-2.77
26	26	169	SLU_ENV	Min	0.	0.	0.	-2.77
26	26	142	SLV_Ex		-150.5569	-755.3621	-0.031	-0.56
26	26	141	SLV_Ex		-85.4214	-426.1371	-0.086	-0.56
26	26	168	SLV_Ex		-86.048	-425.9995	3.916E-03	-0.56
26	26	169	SLV_Ex		-151.1711	-755.2447	0.02	-0.56
27	27	169	SLU_ENV	Max	0.	0.	0.	0.28
27	27	168	SLU_ENV	Max	0.	0.	0.	0.28
27	27	195	SLU_ENV	Max	0.	0.	0.	0.28
27	27	196	SLU_ENV	Max	0.	0.	0.	0.28
27	27	169	SLU_ENV	Min	0.	0.	0.	-2.19
27	27	168	SLU_ENV	Min	0.	0.	0.	-2.19
27	27	195	SLU_ENV	Min	0.	0.	0.	-2.19
27	27	196	SLU_ENV	Min	0.	0.	0.	-2.19
27	27	169	SLV_Ex		-149.3192	-755.2874	0.01	-1.81
27	27	168	SLV_Ex		-85.158	-425.4089	0.062	-1.81
27	27	195	SLV_Ex		-87.1516	-426.1445	0.325	-1.81
27	27	196	SLV_Ex		-151.3014	-756.0505	0.157	-1.81
28	28	196	SLU_ENV	Max	0.	0.	0.	1.02
28	28	195	SLU_ENV	Max	0.	0.	0.	1.02
28	28	222	SLU_ENV	Max	0.	0.	0.	1.02
28	28	223	SLU_ENV	Max	0.	0.	0.	1.02
28	28	196	SLU_ENV	Min	0.	0.	0.	-1.45
28	28	195	SLU_ENV	Min	0.	0.	0.	-1.45
28	28	222	SLU_ENV	Min	0.	0.	0.	-1.45
28	28	223	SLU_ENV	Min	0.	0.	0.	-1.45
28	28	196	SLV_Ex		-150.7004	-757.1196	0.119	-3.96
28	28	195	SLV_Ex		-85.0471	-424.5419	0.431	-3.96
28	28	222	SLV_Ex		-89.4152	-427.083	0.556	-3.96
28	28	223	SLV_Ex		-155.0301	-759.7559	0.187	-3.96
29	29	223	SLU_ENV	Max	0.	0.	0.	3.13
29	29	222	SLU_ENV	Max	0.	0.	0.	3.13
29	29	249	SLU_ENV	Max	0.	0.	0.	3.13
29	29	250	SLU_ENV	Max	0.	0.	0.	3.13

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
29	29	223	SLU_ENV	Min	0.	0.	0.	-0.29
29	29	222	SLU_ENV	Min	0.	0.	0.	-0.29
29	29	249	SLU_ENV	Min	0.	0.	0.	-0.29
29	29	250	SLU_ENV	Min	0.	0.	0.	-0.29
29	29	223	SLV_Ex		-147.2612	-761.6022	0.056	-5.49
29	29	222	SLV_Ex		-84.6129	-422.7618	0.827	-5.49
29	29	249	SLV_Ex		-90.4973	-429.7135	1.619	-5.49
29	29	250	SLV_Ex		-153.2176	-768.5981	0.494	-5.49
30	30	250	SLU_ENV	Max	0.	0.	0.	7.88
30	30	249	SLU_ENV	Max	0.	0.	0.	7.88
30	30	276	SLU_ENV	Max	0.	0.	0.	7.88
30	30	277	SLU_ENV	Max	0.	0.	0.	7.88
30	30	250	SLU_ENV	Min	0.	0.	0.	1.5
30	30	249	SLU_ENV	Min	0.	0.	0.	1.5
30	30	276	SLU_ENV	Min	0.	0.	0.	1.5
30	30	277	SLU_ENV	Min	0.	0.	0.	1.5
30	30	250	SLV_Ex		-157.5567	-777.1012	0.333	-5.
30	30	249	SLV_Ex		-83.2472	-420.7461	1.958	-5.
30	30	276	SLV_Ex		-88.9479	-431.969	1.52	-5.
30	30	277	SLV_Ex		-163.0268	-788.8321	0.107	-5.
31	31	277	SLU_ENV	Max	0.	0.	0.	16.78
31	31	276	SLU_ENV	Max	0.	0.	0.	16.78
31	31	303	SLU_ENV	Max	0.	0.	0.	16.78
31	31	304	SLU_ENV	Max	0.	0.	0.	16.78
31	31	277	SLU_ENV	Min	0.	0.	0.	5.7
31	31	276	SLU_ENV	Min	0.	0.	0.	5.7
31	31	303	SLU_ENV	Min	0.	0.	0.	5.7
31	31	304	SLU_ENV	Min	0.	0.	0.	5.7
31	31	277	SLV_Ex		-121.5752	-783.2628	0.269	32.54
31	31	276	SLV_Ex		-58.9795	-423.166	1.184	32.54
31	31	303	SLV_Ex		-22.6072	-422.5088	2.309	32.54
31	31	304	SLV_Ex		-85.6332	-781.9723	0.961	32.54
32	32	582	SLU_ENV	Max	0.	0.	0.	-1.1
32	32	581	SLU_ENV	Max	0.	0.	0.	-1.1
32	32	563	SLU_ENV	Max	0.	0.	0.	-1.1
32	32	564	SLU_ENV	Max	0.	0.	0.	-1.1
32	32	582	SLU_ENV	Min	0.	0.	0.	-4.8
32	32	581	SLU_ENV	Min	0.	0.	0.	-4.8
32	32	563	SLU_ENV	Min	0.	0.	0.	-4.8
32	32	564	SLU_ENV	Min	0.	0.	0.	-4.8
32	32	582	SLV_Ex		-25.3153	-438.2849	-3.691	-23.93
32	32	581	SLV_Ex		15.1873	-156.355	-14.795	-23.93
32	32	563	SLV_Ex		-16.0478	-134.8604	-9.904	-23.93
32	32	564	SLV_Ex		-51.3134	-422.0223	-0.666	-23.93
33	33	564	SLU_ENV	Max	0.	0.	0.	-1.88
33	33	563	SLU_ENV	Max	0.	0.	0.	-1.88
33	33	545	SLU_ENV	Max	0.	0.	0.	-1.88
33	33	546	SLU_ENV	Max	0.	0.	0.	-1.88
33	33	564	SLU_ENV	Min	0.	0.	0.	-8.72
33	33	563	SLU_ENV	Min	0.	0.	0.	-8.72
33	33	545	SLU_ENV	Min	0.	0.	0.	-8.72
33	33	546	SLU_ENV	Min	0.	0.	0.	-8.72
33	33	564	SLV_Ex		-78.5684	-425.012	-2.294	-9.75
33	33	563	SLV_Ex		-20.2015	-135.6936	-5.232	-9.75

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
33	33	545	SLV_Ex		-29.8018	-141.8612	-5.499	-9.75
33	33	546	SLV_Ex		-88.3851	-430.9114	-2.354	-9.75
34	34	546	SLU_ENV	Max	0.	0.	0.	-1.31
34	34	545	SLU_ENV	Max	0.	0.	0.	-1.31
34	34	118	SLU_ENV	Max	0.	0.	0.	-1.31
34	34	119	SLU_ENV	Max	0.	0.	0.	-1.31
34	34	546	SLU_ENV	Min	0.	0.	0.	-6.89
34	34	545	SLU_ENV	Min	0.	0.	0.	-6.89
34	34	118	SLU_ENV	Min	0.	0.	0.	-6.89
34	34	119	SLU_ENV	Min	0.	0.	0.	-6.89
34	34	546	SLV_Ex		-85.4562	-427.5038	-2.405	-4.15
34	34	545	SLV_Ex		-32.7144	-145.1835	-5.234	-4.15
34	34	118	SLV_Ex		-36.8019	-150.0281	-3.71	-4.15
34	34	119	SLV_Ex		-89.5295	-432.3738	-1.912	-4.15
35	35	119	SLU_ENV	Max	0.	0.	0.	-0.72
35	35	118	SLU_ENV	Max	0.	0.	0.	-0.72
35	35	5	SLU_ENV	Max	0.	0.	0.	-0.72
35	35	6	SLU_ENV	Max	0.	0.	0.	-0.72
35	35	119	SLU_ENV	Min	0.	0.	0.	-4.46
35	35	118	SLU_ENV	Min	0.	0.	0.	-4.46
35	35	5	SLU_ENV	Min	0.	0.	0.	-4.46
35	35	6	SLU_ENV	Min	0.	0.	0.	-4.46
35	35	119	SLV_Ex		-86.7892	-428.1799	-1.732	-2.14
35	35	118	SLV_Ex		-34.3183	-153.2168	-3.994	-2.14
35	35	5	SLV_Ex		-36.9358	-156.1921	-2.795	-2.14
35	35	6	SLV_Ex		-89.3146	-431.1469	-1.318	-2.14
36	36	6	SLU_ENV	Max	0.	0.	0.	-0.34
36	36	5	SLU_ENV	Max	0.	0.	0.	-0.34
36	36	33	SLU_ENV	Max	0.	0.	0.	-0.34
36	36	34	SLU_ENV	Max	0.	0.	0.	-0.34
36	36	6	SLU_ENV	Min	0.	0.	0.	-2.71
36	36	5	SLU_ENV	Min	0.	0.	0.	-2.71
36	36	33	SLU_ENV	Min	0.	0.	0.	-2.71
36	36	34	SLU_ENV	Min	0.	0.	0.	-2.71
36	36	6	SLV_Ex		-87.8324	-427.864	-1.229	0.71
36	36	5	SLV_Ex		-36.5498	-159.1073	-2.897	0.71
36	36	33	SLV_Ex		-35.9345	-160.2789	-1.791	0.71
36	36	34	SLV_Ex		-87.1612	-429.03	-0.837	0.71
37	37	34	SLU_ENV	Max	0.	0.	0.	-0.15
37	37	33	SLU_ENV	Max	0.	0.	0.	-0.15
37	37	60	SLU_ENV	Max	0.	0.	0.	-0.15
37	37	61	SLU_ENV	Max	0.	0.	0.	-0.15
37	37	34	SLU_ENV	Min	0.	0.	0.	-1.78
37	37	33	SLU_ENV	Min	0.	0.	0.	-1.78
37	37	60	SLU_ENV	Min	0.	0.	0.	-1.78
37	37	61	SLU_ENV	Min	0.	0.	0.	-1.78
37	37	34	SLV_Ex		-87.2921	-427.3504	-0.76	1.21
37	37	33	SLV_Ex		-35.8372	-161.97	-1.898	1.21
37	37	60	SLV_Ex		-34.5751	-162.0937	-1.219	1.21
37	37	61	SLV_Ex		-86.0002	-427.4747	-0.512	1.21
38	38	780	SLU_ENV	Max	0.	0.	0.	361.
38	38	779	SLU_ENV	Max	0.	0.	0.	361.
38	38	781	SLU_ENV	Max	0.	0.	0.	361.
38	38	782	SLU_ENV	Max	0.	0.	0.	361.

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
38	38	780	SLU_ENV	Min	0.	0.	0.	61.2
38	38	779	SLU_ENV	Min	0.	0.	0.	61.2
38	38	781	SLU_ENV	Min	0.	0.	0.	61.2
38	38	782	SLU_ENV	Min	0.	0.	0.	61.2
38	38	780	SLV_Ex		-120.4871	-607.283	-89.847	270.28
38	38	779	SLV_Ex		-118.6076	-605.1629	89.941	270.28
38	38	781	SLV_Ex		-61.8116	-307.7385	-89.718	270.28
38	38	782	SLV_Ex		-63.7626	-309.8027	-89.3	270.28
39	39	782	SLU_ENV	Max	0.	0.	0.	288.28
39	39	781	SLU_ENV	Max	0.	0.	0.	288.28
39	39	783	SLU_ENV	Max	0.	0.	0.	288.28
39	39	784	SLU_ENV	Max	0.	0.	0.	288.28
39	39	782	SLU_ENV	Min	0.	0.	0.	43.72
39	39	781	SLU_ENV	Min	0.	0.	0.	43.72
39	39	783	SLU_ENV	Min	0.	0.	0.	43.72
39	39	784	SLU_ENV	Min	0.	0.	0.	43.72
39	39	782	SLV_Ex		-62.4654	-307.213	-89.404	216.85
39	39	781	SLV_Ex		-62.8475	-308.9932	-89.611	216.85
39	39	783	SLV_Ex		-20.6468	-92.0297	-89.984	216.85
39	39	784	SLV_Ex		-20.3908	-90.1626	-89.269	216.85
40	40	784	SLU_ENV	Max	0.	0.	0.	216.56
40	40	783	SLU_ENV	Max	0.	0.	0.	216.56
40	40	785	SLU_ENV	Max	0.	0.	0.	216.56
40	40	786	SLU_ENV	Max	0.	0.	0.	216.56
40	40	784	SLU_ENV	Min	0.	0.	0.	26.38
40	40	783	SLU_ENV	Min	0.	0.	0.	26.38
40	40	785	SLU_ENV	Min	0.	0.	0.	26.38
40	40	786	SLU_ENV	Min	0.	0.	0.	26.38
40	40	784	SLV_Ex		-21.3098	-93.6577	-89.228	168.65
40	40	783	SLV_Ex		-20.5929	-92.8709	89.956	168.65
40	40	785	SLV_Ex		75.8318	11.8107	-0.394	168.65
40	40	786	SLV_Ex		75.2207	10.8612	-1.309	168.65
41	41	786	SLU_ENV	Max	0.	0.	0.	36.58
41	41	785	SLU_ENV	Max	0.	0.	0.	36.58
41	41	787	SLU_ENV	Max	0.	0.	0.	36.58
41	41	788	SLU_ENV	Max	0.	0.	0.	36.58
41	41	786	SLU_ENV	Min	0.	0.	0.	8.8
41	41	785	SLU_ENV	Min	0.	0.	0.	8.8
41	41	787	SLU_ENV	Min	0.	0.	0.	8.8
41	41	788	SLU_ENV	Min	0.	0.	0.	8.8
41	41	786	SLV_Ex		72.8881	9.9819	-2.112	121.27
41	41	785	SLV_Ex		73.5526	11.7059	0.375	121.27
41	41	787	SLV_Ex		194.8345	32.4008	0.037	121.27
41	41	788	SLV_Ex		194.2673	30.5206	-0.916	121.27
42	42	788	SLU_ENV	Max	0.	0.	0.	-8.8
42	42	787	SLU_ENV	Max	0.	0.	0.	-8.8
42	42	789	SLU_ENV	Max	0.	0.	0.	-8.8
42	42	790	SLU_ENV	Max	0.	0.	0.	-8.8
42	42	788	SLU_ENV	Min	0.	0.	0.	-36.59
42	42	787	SLU_ENV	Min	0.	0.	0.	-36.59
42	42	789	SLU_ENV	Min	0.	0.	0.	-36.59
42	42	790	SLU_ENV	Min	0.	0.	0.	-36.59
42	42	788	SLV_Ex		193.6159	29.9238	-0.71	74.37
42	42	787	SLV_Ex		192.9818	32.5152	-0.169	74.37

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
42	42	789	SLV_Ex		267.3589	45.3608	0.161	74.37
42	42	790	SLV_Ex		268.0594	42.6606	-0.237	74.37
43	43	790	SLU_ENV	Max	0.	0.	0.	-26.38
43	43	789	SLU_ENV	Max	0.	0.	0.	-26.38
43	43	791	SLU_ENV	Max	0.	0.	0.	-26.38
43	43	792	SLU_ENV	Max	0.	0.	0.	-26.38
43	43	790	SLU_ENV	Min	0.	0.	0.	-216.57
43	43	789	SLU_ENV	Min	0.	0.	0.	-216.57
43	43	791	SLU_ENV	Min	0.	0.	0.	-216.57
43	43	792	SLU_ENV	Min	0.	0.	0.	-216.57
43	43	790	SLV_Ex		266.0203	41.6824	0.083	27.95
43	43	789	SLV_Ex		266.4127	45.7461	-0.16	27.95
43	43	791	SLV_Ex		294.3773	52.5924	-0.053	27.95
43	43	792	SLV_Ex		293.987	48.5118	0.167	27.95
44	44	792	SLU_ENV	Max	0.	0.	0.	-43.72
44	44	791	SLU_ENV	Max	0.	0.	0.	-43.72
44	44	793	SLU_ENV	Max	0.	0.	0.	-43.72
44	44	794	SLU_ENV	Max	0.	0.	0.	-43.72
44	44	792	SLU_ENV	Min	0.	0.	0.	-288.28
44	44	791	SLU_ENV	Min	0.	0.	0.	-288.28
44	44	793	SLU_ENV	Min	0.	0.	0.	-288.28
44	44	794	SLU_ENV	Min	0.	0.	0.	-288.28
44	44	792	SLV_Ex		290.9991	47.0761	0.335	-17.18
44	44	791	SLV_Ex		294.662	53.4762	-0.217	-17.18
44	44	793	SLV_Ex		277.5478	53.0827	-0.81	-17.18
44	44	794	SLV_Ex		273.7578	46.8166	-0.21	-17.18
45	45	794	SLU_ENV	Max	0.	0.	0.	-61.2
45	45	793	SLU_ENV	Max	0.	0.	0.	-61.2
45	45	795	SLU_ENV	Max	0.	0.	0.	-61.2
45	45	796	SLU_ENV	Max	0.	0.	0.	-61.2
45	45	794	SLU_ENV	Min	0.	0.	0.	-361.01
45	45	793	SLU_ENV	Min	0.	0.	0.	-361.01
45	45	795	SLU_ENV	Min	0.	0.	0.	-361.01
45	45	796	SLU_ENV	Min	0.	0.	0.	-361.01
45	45	794	SLV_Ex		273.2509	46.508	-0.322	-60.12
45	45	793	SLV_Ex		278.6287	53.5157	-0.691	-60.12
45	45	795	SLV_Ex		212.7521	42.0863	-2.289	-60.12
45	45	796	SLV_Ex		207.1968	35.3548	-1.791	-60.12
46	46	61	SLU_ENV	Max	0.	0.	0.	-5.757E-02
46	46	60	SLU_ENV	Max	0.	0.	0.	-5.757E-02
46	46	87	SLU_ENV	Max	0.	0.	0.	-5.757E-02
46	46	88	SLU_ENV	Max	0.	0.	0.	-5.757E-02
46	46	61	SLU_ENV	Min	0.	0.	0.	-1.29
46	46	60	SLU_ENV	Min	0.	0.	0.	-1.29
46	46	87	SLU_ENV	Min	0.	0.	0.	-1.29
46	46	88	SLU_ENV	Min	0.	0.	0.	-1.29
46	46	61	SLV_Ex		-86.4236	-426.6983	-0.485	0.89
46	46	60	SLV_Ex		-34.9153	-163.0179	-1.204	0.89
46	46	87	SLV_Ex		-33.9628	-163.0511	-0.726	0.89
46	46	88	SLV_Ex		-85.4621	-426.7254	-0.306	0.89
47	47	88	SLU_ENV	Max	0.	0.	0.	3.110E-02
47	47	87	SLU_ENV	Max	0.	0.	0.	3.110E-02
47	47	114	SLU_ENV	Max	0.	0.	0.	3.110E-02
47	47	141	SLU_ENV	Max	0.	0.	0.	3.110E-02

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
47	47	88	SLU_ENV	Min	0.	0.	0.	-0.98
47	47	87	SLU_ENV	Min	0.	0.	0.	-0.98
47	47	114	SLU_ENV	Min	0.	0.	0.	-0.98
47	47	141	SLU_ENV	Min	0.	0.	0.	-0.98
47	47	88	SLV_Ex		-85.8127	-426.4138	-0.266	0.35
47	47	87	SLV_Ex		-34.2288	-163.4848	-0.748	0.35
47	47	114	SLV_Ex		-33.8611	-163.2508	-0.374	0.35
47	47	141	SLV_Ex		-85.4269	-426.1964	-0.125	0.35
48	48	141	SLU_ENV	Max	0.	0.	0.	0.28
48	48	114	SLU_ENV	Max	0.	0.	0.	0.28
48	48	167	SLU_ENV	Max	0.	0.	0.	0.28
48	48	168	SLU_ENV	Max	0.	0.	0.	0.28
48	48	141	SLU_ENV	Min	0.	0.	0.	-0.75
48	48	114	SLU_ENV	Min	0.	0.	0.	-0.75
48	48	167	SLU_ENV	Min	0.	0.	0.	-0.75
48	48	168	SLU_ENV	Min	0.	0.	0.	-0.75
48	48	141	SLV_Ex		-85.5997	-426.1981	-0.106	-0.27
48	48	114	SLV_Ex		-33.9477	-163.2993	-0.34	-0.27
48	48	167	SLV_Ex		-34.2587	-163.162	-1.889E-03	-0.27
48	48	168	SLV_Ex		-85.8975	-426.08	0.023	-0.27
49	49	168	SLU_ENV	Max	0.	0.	0.	0.75
49	49	167	SLU_ENV	Max	0.	0.	0.	0.75
49	49	194	SLU_ENV	Max	0.	0.	0.	0.75
49	49	195	SLU_ENV	Max	0.	0.	0.	0.75
49	49	168	SLU_ENV	Min	0.	0.	0.	-0.43
49	49	167	SLU_ENV	Min	0.	0.	0.	-0.43
49	49	194	SLU_ENV	Min	0.	0.	0.	-0.43
49	49	195	SLU_ENV	Min	0.	0.	0.	-0.43
49	49	168	SLV_Ex		-85.8227	-426.4612	0.08	-0.76
49	49	167	SLV_Ex		-34.6389	-162.8428	-0.072	-0.76
49	49	194	SLV_Ex		-35.4904	-162.1463	0.533	-0.76
49	49	195	SLV_Ex		-86.6354	-425.829	0.307	-0.76
50	50	195	SLU_ENV	Max	0.	0.	0.	1.66
50	50	194	SLU_ENV	Max	0.	0.	0.	1.66
50	50	221	SLU_ENV	Max	0.	0.	0.	1.66
50	50	222	SLU_ENV	Max	0.	0.	0.	1.66
50	50	195	SLU_ENV	Min	0.	0.	0.	2.543E-03
50	50	194	SLU_ENV	Min	0.	0.	0.	2.543E-03
50	50	221	SLU_ENV	Min	0.	0.	0.	2.543E-03
50	50	222	SLU_ENV	Min	0.	0.	0.	2.543E-03
50	50	195	SLV_Ex		-86.9915	-426.9265	0.341	-0.73
50	50	194	SLV_Ex		-35.8673	-161.198	0.532	-0.73
50	50	221	SLV_Ex		-36.632	-160.2363	1.368	-0.73
50	50	222	SLV_Ex		-87.7333	-426.034	0.645	-0.73
51	51	222	SLU_ENV	Max	0.	0.	0.	3.26
51	51	221	SLU_ENV	Max	0.	0.	0.	3.26
51	51	248	SLU_ENV	Max	0.	0.	0.	3.26
51	51	249	SLU_ENV	Max	0.	0.	0.	3.26
51	51	222	SLU_ENV	Min	0.	0.	0.	0.63
51	51	221	SLU_ENV	Min	0.	0.	0.	0.63
51	51	248	SLU_ENV	Min	0.	0.	0.	0.63
51	51	249	SLU_ENV	Min	0.	0.	0.	0.63
51	51	222	SLV_Ex		-88.4699	-428.3817	0.834	1.35
51	51	221	SLV_Ex		-39.5697	-158.6137	0.956	1.35

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
51	51	248	SLV_Ex		-37.8103	-154.6266	3.223	1.35
51	51	249	SLV_Ex		-86.719	-424.483	1.616	1.35
52	52	249	SLU_ENV	Max	0.	0.	0.	5.1
52	52	248	SLU_ENV	Max	0.	0.	0.	5.1
52	52	275	SLU_ENV	Max	0.	0.	0.	5.1
52	52	276	SLU_ENV	Max	0.	0.	0.	5.1
52	52	249	SLU_ENV	Min	0.	0.	0.	1.37
52	52	248	SLU_ENV	Min	0.	0.	0.	1.37
52	52	275	SLU_ENV	Min	0.	0.	0.	1.37
52	52	276	SLU_ENV	Min	0.	0.	0.	1.37
52	52	249	SLV_Ex		-90.7967	-427.7662	1.747	9.36
52	52	248	SLV_Ex		-35.7272	-151.7289	2.98	9.36
52	52	275	SLV_Ex		-25.4621	-143.9884	2.953	9.36
52	52	276	SLV_Ex		-80.4546	-420.1868	1.745	9.36
53	53	276	SLU_ENV	Max	0.	0.	0.	3.54
53	53	275	SLU_ENV	Max	0.	0.	0.	3.54
53	53	302	SLU_ENV	Max	0.	0.	0.	3.54
53	53	303	SLU_ENV	Max	0.	0.	0.	3.54
53	53	276	SLU_ENV	Min	0.	0.	0.	1.05
53	53	275	SLU_ENV	Min	0.	0.	0.	1.05
53	53	302	SLU_ENV	Min	0.	0.	0.	1.05
53	53	303	SLU_ENV	Min	0.	0.	0.	1.05
53	53	276	SLV_Ex		-54.9515	-417.293	0.171	24.04
53	53	275	SLV_Ex		-20.9605	-142.5298	7.37	24.04
53	53	302	SLV_Ex		11.5357	-162.1781	12.647	24.04
53	53	303	SLV_Ex		-26.9214	-432.6646	3.216	24.04
54	54	779	SLU_ENV	Max	0.	0.	0.	346.75
54	54	806	SLU_ENV	Max	0.	0.	0.	346.75
54	54	807	SLU_ENV	Max	0.	0.	0.	346.75
54	54	781	SLU_ENV	Max	0.	0.	0.	346.75
54	54	779	SLU_ENV	Min	0.	0.	0.	61.
54	54	806	SLU_ENV	Min	0.	0.	0.	61.
54	54	807	SLU_ENV	Min	0.	0.	0.	61.
54	54	781	SLU_ENV	Min	0.	0.	0.	61.
54	54	779	SLV_Ex		-122.604	-604.2091	89.964	267.17
54	54	806	SLV_Ex		-119.3952	-602.1521	89.896	267.17
54	54	807	SLV_Ex		-61.3546	-308.0552	-89.937	267.17
54	54	781	SLV_Ex		-64.6041	-310.0461	-89.803	267.17
55	55	781	SLU_ENV	Max	0.	0.	0.	273.34
55	55	807	SLU_ENV	Max	0.	0.	0.	273.34
55	55	808	SLU_ENV	Max	0.	0.	0.	273.34
55	55	783	SLU_ENV	Max	0.	0.	0.	273.34
55	55	781	SLU_ENV	Min	0.	0.	0.	43.3
55	55	807	SLU_ENV	Min	0.	0.	0.	43.3
55	55	808	SLU_ENV	Min	0.	0.	0.	43.3
55	55	783	SLU_ENV	Min	0.	0.	0.	43.3
55	55	781	SLV_Ex		-63.7364	-309.2557	-89.779	216.91
55	55	807	SLV_Ex		-62.3257	-309.3659	-89.96	216.91
55	55	808	SLV_Ex		-19.7945	-92.2878	89.86	216.91
55	55	783	SLV_Ex		-21.2825	-92.069	-89.514	216.91
56	56	783	SLU_ENV	Max	0.	0.	0.	195.55
56	56	808	SLU_ENV	Max	0.	0.	0.	195.55
56	56	809	SLU_ENV	Max	0.	0.	0.	195.55
56	56	785	SLU_ENV	Max	0.	0.	0.	195.55

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
56	56	783	SLU_ENV	Min	0.	0.	0.	26.1
56	56	808	SLU_ENV	Min	0.	0.	0.	26.1
56	56	809	SLU_ENV	Min	0.	0.	0.	26.1
56	56	785	SLU_ENV	Min	0.	0.	0.	26.1
56	56	783	SLV_Ex		-21.4907	-93.3338	-89.633	169.2
56	56	808	SLV_Ex		-20.1535	-93.8433	89.971	169.2
56	56	809	SLV_Ex		75.4844	13.1424	0.619	169.2
56	56	785	SLV_Ex		76.0923	11.7295	0.156	169.2
57	57	785	SLU_ENV	Max	0.	0.	0.	43.19
57	57	809	SLU_ENV	Max	0.	0.	0.	43.19
57	57	810	SLU_ENV	Max	0.	0.	0.	43.19
57	57	787	SLU_ENV	Max	0.	0.	0.	43.19
57	57	785	SLU_ENV	Min	0.	0.	0.	8.72
57	57	809	SLU_ENV	Min	0.	0.	0.	8.72
57	57	810	SLU_ENV	Min	0.	0.	0.	8.72
57	57	787	SLU_ENV	Min	0.	0.	0.	8.72
57	57	785	SLV_Ex		73.2724	11.0487	0.321	122.11
57	57	809	SLV_Ex		73.8702	12.9384	0.471	122.11
57	57	810	SLV_Ex		196.0439	37.2126	0.137	122.11
57	57	787	SLV_Ex		195.5507	35.2401	0.082	122.11
58	58	787	SLU_ENV	Max	0.	0.	0.	-8.72
58	58	810	SLU_ENV	Max	0.	0.	0.	-8.72
58	58	811	SLU_ENV	Max	0.	0.	0.	-8.72
58	58	789	SLU_ENV	Max	0.	0.	0.	-8.72
58	58	787	SLU_ENV	Min	0.	0.	0.	-43.2
58	58	810	SLU_ENV	Min	0.	0.	0.	-43.2
58	58	811	SLU_ENV	Min	0.	0.	0.	-43.2
58	58	789	SLU_ENV	Min	0.	0.	0.	-43.2
58	58	787	SLV_Ex		193.0788	34.5207	0.124	75.33
58	58	810	SLV_Ex		194.28	37.0849	0.1	75.33
58	58	811	SLV_Ex		269.6562	52.2361	-0.059	75.33
58	58	789	SLV_Ex		268.5128	49.6234	-0.04	75.33
59	59	789	SLU_ENV	Max	0.	0.	0.	-26.1
59	59	811	SLU_ENV	Max	0.	0.	0.	-26.1
59	59	812	SLU_ENV	Max	0.	0.	0.	-26.1
59	59	791	SLU_ENV	Max	0.	0.	0.	-26.1
59	59	789	SLU_ENV	Min	0.	0.	0.	-195.56
59	59	811	SLU_ENV	Min	0.	0.	0.	-195.56
59	59	812	SLU_ENV	Min	0.	0.	0.	-195.56
59	59	791	SLU_ENV	Min	0.	0.	0.	-195.56
59	59	789	SLV_Ex		266.4616	48.938	0.055	29.08
59	59	811	SLV_Ex		268.7777	52.3338	-0.152	29.08
59	59	812	SLV_Ex		297.8972	58.9887	-0.435	29.08
59	59	791	SLV_Ex		295.5709	55.5966	-0.246	29.08
60	60	791	SLU_ENV	Max	0.	0.	0.	-43.3
60	60	812	SLU_ENV	Max	0.	0.	0.	-43.3
60	60	813	SLU_ENV	Max	0.	0.	0.	-43.3
60	60	793	SLU_ENV	Max	0.	0.	0.	-43.3
60	60	791	SLU_ENV	Min	0.	0.	0.	-273.34
60	60	812	SLU_ENV	Min	0.	0.	0.	-273.34
60	60	813	SLU_ENV	Min	0.	0.	0.	-273.34
60	60	793	SLU_ENV	Min	0.	0.	0.	-273.34
60	60	791	SLV_Ex		294.3407	55.2213	-0.224	-16.12
60	60	812	SLV_Ex		298.0427	59.1463	-0.456	-16.12

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
60	60	813	SLV_Ex		281.9973	56.8939	-1.051	-16.12
60	60	793	SLV_Ex		278.2089	53.0383	-0.805	-16.12
61	61	793	SLU_ENV	Max	0.	0.	0.	-61.
61	61	813	SLU_ENV	Max	0.	0.	0.	-61.
61	61	814	SLU_ENV	Max	0.	0.	0.	-61.
61	61	795	SLU_ENV	Max	0.	0.	0.	-61.
61	61	793	SLU_ENV	Min	0.	0.	0.	-346.75
61	61	813	SLU_ENV	Min	0.	0.	0.	-346.75
61	61	814	SLU_ENV	Min	0.	0.	0.	-346.75
61	61	795	SLU_ENV	Min	0.	0.	0.	-346.75
61	61	793	SLV_Ex		279.6848	53.9796	-0.944	-62.18
61	61	813	SLV_Ex		282.6594	56.3835	-0.903	-62.18
61	61	814	SLV_Ex		214.3744	42.355	-1.897	-62.18
61	61	795	SLV_Ex		211.3283	40.05	-1.955	-62.18
62	62	581	SLU_ENV	Max	0.	0.	0.	-0.54
62	62	580	SLU_ENV	Max	0.	0.	0.	-0.54
62	62	562	SLU_ENV	Max	0.	0.	0.	-0.54
62	62	563	SLU_ENV	Max	0.	0.	0.	-0.54
62	62	581	SLU_ENV	Min	0.	0.	0.	-2.3
62	62	580	SLU_ENV	Min	0.	0.	0.	-2.3
62	62	562	SLU_ENV	Min	0.	0.	0.	-2.3
62	62	563	SLU_ENV	Min	0.	0.	0.	-2.3
62	62	581	SLV_Ex		20.5868	-136.493	-17.251	-26.11
62	62	580	SLV_Ex		95.8188	1.2553	-67.262	-26.11
62	62	562	SLV_Ex		63.9283	-11.1284	-84.462	-26.11
62	62	563	SLV_Ex		-17.05	-143.1374	-8.289	-26.11
63	63	563	SLU_ENV	Max	0.	0.	0.	-1.07
63	63	562	SLU_ENV	Max	0.	0.	0.	-1.07
63	63	544	SLU_ENV	Max	0.	0.	0.	-1.07
63	63	545	SLU_ENV	Max	0.	0.	0.	-1.07
63	63	563	SLU_ENV	Min	0.	0.	0.	-4.72
63	63	562	SLU_ENV	Min	0.	0.	0.	-4.72
63	63	544	SLU_ENV	Min	0.	0.	0.	-4.72
63	63	545	SLU_ENV	Min	0.	0.	0.	-4.72
63	63	563	SLV_Ex		-18.5	-141.0089	-6.752	-13.35
63	63	562	SLV_Ex		68.4193	9.7068	-79.211	-13.35
63	63	544	SLV_Ex		59.4793	-1.5984	-86.794	-13.35
63	63	545	SLV_Ex		-33.3238	-146.4194	-3.513	-13.35
64	64	545	SLU_ENV	Max	0.	0.	0.	-1.02
64	64	544	SLU_ENV	Max	0.	0.	0.	-1.02
64	64	117	SLU_ENV	Max	0.	0.	0.	-1.02
64	64	118	SLU_ENV	Max	0.	0.	0.	-1.02
64	64	545	SLU_ENV	Min	0.	0.	0.	-4.3
64	64	544	SLU_ENV	Min	0.	0.	0.	-4.3
64	64	117	SLU_ENV	Min	0.	0.	0.	-4.3
64	64	118	SLU_ENV	Min	0.	0.	0.	-4.3
64	64	545	SLV_Ex		-30.8314	-145.0235	-4.44	-9.67
64	64	544	SLV_Ex		60.214	9.0271	-88.403	-9.67
64	64	117	SLV_Ex		50.4208	0.403	-88.485	-9.67
64	64	118	SLV_Ex		-39.6529	-154.6518	-4.356	-9.67
65	65	118	SLU_ENV	Max	0.	0.	0.	-0.72
65	65	117	SLU_ENV	Max	0.	0.	0.	-0.72
65	65	4	SLU_ENV	Max	0.	0.	0.	-0.72
65	65	5	SLU_ENV	Max	0.	0.	0.	-0.72

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
65	65	118	SLU_ENV	Min	0.	0.	0.	-2.64
65	65	117	SLU_ENV	Min	0.	0.	0.	-2.64
65	65	4	SLU_ENV	Min	0.	0.	0.	-2.64
65	65	5	SLU_ENV	Min	0.	0.	0.	-2.64
65	65	118	SLV_Ex		-32.018	-151.9111	-3.629	-6.91
65	65	117	SLV_Ex		50.7454	6.4718	-86.985	-6.91
65	65	4	SLV_Ex		42.1314	-0.9942	-88.335	-6.91
65	65	5	SLV_Ex		-39.7997	-160.1493	-3.101	-6.91
66	66	5	SLU_ENV	Max	0.	0.	0.	-9.327E-02
66	66	4	SLU_ENV	Max	0.	0.	0.	-9.327E-02
66	66	32	SLU_ENV	Max	0.	0.	0.	-9.327E-02
66	66	33	SLU_ENV	Max	0.	0.	0.	-9.327E-02
66	66	5	SLU_ENV	Min	0.	0.	0.	-1.21
66	66	4	SLU_ENV	Min	0.	0.	0.	-1.21
66	66	32	SLU_ENV	Min	0.	0.	0.	-1.21
66	66	33	SLU_ENV	Min	0.	0.	0.	-1.21
66	66	5	SLV_Ex		-35.0513	-157.9048	-2.523	-2.3
66	66	4	SLV_Ex		41.9971	3.5722	-86.687	-2.3
66	66	32	SLV_Ex		37.1778	1.1366	-87.648	-2.3
66	66	33	SLV_Ex		-37.6649	-162.5096	-2.142	-2.3
67	67	33	SLU_ENV	Max	0.	0.	0.	0.62
67	67	32	SLU_ENV	Max	0.	0.	0.	0.62
67	67	59	SLU_ENV	Max	0.	0.	0.	0.62
67	67	60	SLU_ENV	Max	0.	0.	0.	0.62
67	67	33	SLU_ENV	Min	0.	0.	0.	-0.59
67	67	32	SLU_ENV	Min	0.	0.	0.	-0.59
67	67	59	SLU_ENV	Min	0.	0.	0.	-0.59
67	67	60	SLU_ENV	Min	0.	0.	0.	-0.59
67	67	33	SLV_Ex		-34.9516	-161.0899	-1.766	-0.49
67	67	32	SLV_Ex		36.8809	3.2728	-86.388	-0.49
67	67	59	SLV_Ex		34.3155	2.832	-87.756	-0.49
67	67	60	SLV_Ex		-35.5643	-163.4578	-1.346	-0.49
68	68	60	SLU_ENV	Max	0.	0.	0.	0.97
68	68	59	SLU_ENV	Max	0.	0.	0.	0.97
68	68	86	SLU_ENV	Max	0.	0.	0.	0.97
68	68	87	SLU_ENV	Max	0.	0.	0.	0.97
68	68	60	SLU_ENV	Min	0.	0.	0.	-0.22
68	68	59	SLU_ENV	Min	0.	0.	0.	-0.22
68	68	86	SLU_ENV	Min	0.	0.	0.	-0.22
68	68	87	SLU_ENV	Min	0.	0.	0.	-0.22
68	68	60	SLV_Ex		-34.4819	-162.6968	-1.107	2.309E-02
68	68	59	SLV_Ex		34.0667	3.9382	-86.909	2.309E-02
68	68	86	SLV_Ex		32.8815	4.0216	-88.024	2.309E-02
68	68	87	SLV_Ex		-34.4827	-163.787	-0.819	2.309E-02
69	69	87	SLU_ENV	Max	0.	0.	0.	1.14
69	69	86	SLU_ENV	Max	0.	0.	0.	1.14
69	69	113	SLU_ENV	Max	0.	0.	0.	1.14
69	69	114	SLU_ENV	Max	0.	0.	0.	1.14
69	69	87	SLU_ENV	Min	0.	0.	0.	1.882E-02
69	69	86	SLU_ENV	Min	0.	0.	0.	1.882E-02
69	69	113	SLU_ENV	Min	0.	0.	0.	1.882E-02
69	69	114	SLU_ENV	Min	0.	0.	0.	1.882E-02
69	69	87	SLV_Ex		-34.1018	-163.4371	-0.67	1.278E-02
69	69	86	SLV_Ex		32.7199	4.435	-87.589	1.278E-02

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
69	69	113	SLV_Ex		32.2599	4.4839	-88.552	1.278E-02
69	69	114	SLV_Ex		-34.0998	-163.8458	-0.452	1.278E-02
70	70	806	SLU_ENV	Max	0.	0.	0.	329.07
70	70	821	SLU_ENV	Max	0.	0.	0.	329.07
70	70	822	SLU_ENV	Max	0.	0.	0.	329.07
70	70	807	SLU_ENV	Max	0.	0.	0.	329.07
70	70	806	SLU_ENV	Min	0.	0.	0.	61.15
70	70	821	SLU_ENV	Min	0.	0.	0.	61.15
70	70	822	SLU_ENV	Min	0.	0.	0.	61.15
70	70	807	SLU_ENV	Min	0.	0.	0.	61.15
70	70	806	SLV_Ex		-120.8749	-601.6018	89.894	265.52
70	70	821	SLV_Ex		-118.6437	-599.9414	89.838	265.52
70	70	822	SLV_Ex		-60.8328	-307.6626	89.912	265.52
70	70	807	SLV_Ex		-63.1244	-309.2552	-89.98	265.52
71	71	807	SLU_ENV	Max	0.	0.	0.	258.84
71	71	822	SLU_ENV	Max	0.	0.	0.	258.84
71	71	823	SLU_ENV	Max	0.	0.	0.	258.84
71	71	808	SLU_ENV	Max	0.	0.	0.	258.84
71	71	807	SLU_ENV	Min	0.	0.	0.	43.19
71	71	822	SLU_ENV	Min	0.	0.	0.	43.19
71	71	823	SLU_ENV	Min	0.	0.	0.	43.19
71	71	808	SLU_ENV	Min	0.	0.	0.	43.19
71	71	807	SLV_Ex		-62.8902	-309.2356	-89.999	216.42
71	71	822	SLV_Ex		-61.353	-309.1104	89.93	216.42
71	71	823	SLV_Ex		-18.421	-92.5077	89.642	216.42
71	71	808	SLV_Ex		-20.0012	-92.5722	89.874	216.42
72	72	808	SLU_ENV	Max	0.	0.	0.	199.48
72	72	823	SLU_ENV	Max	0.	0.	0.	199.48
72	72	824	SLU_ENV	Max	0.	0.	0.	199.48
72	72	809	SLU_ENV	Max	0.	0.	0.	199.48
72	72	808	SLU_ENV	Min	0.	0.	0.	25.97
72	72	823	SLU_ENV	Min	0.	0.	0.	25.97
72	72	824	SLU_ENV	Min	0.	0.	0.	25.97
72	72	809	SLU_ENV	Min	0.	0.	0.	25.97
72	72	808	SLV_Ex		-20.1359	-93.9046	89.695	169.38
72	72	823	SLV_Ex		-18.7816	-93.6488	89.825	169.38
72	72	824	SLV_Ex		75.864	15.2651	0.257	169.38
72	72	809	SLV_Ex		75.6839	13.8534	0.405	169.38
73	73	809	SLU_ENV	Max	0.	0.	0.	31.43
73	73	824	SLU_ENV	Max	0.	0.	0.	31.43
73	73	825	SLU_ENV	Max	0.	0.	0.	31.43
73	73	810	SLU_ENV	Max	0.	0.	0.	31.43
73	73	809	SLU_ENV	Min	0.	0.	0.	2.63
73	73	824	SLU_ENV	Min	0.	0.	0.	2.63
73	73	825	SLU_ENV	Min	0.	0.	0.	2.63
73	73	810	SLU_ENV	Min	0.	0.	0.	2.63
73	73	809	SLV_Ex		73.8286	13.4817	0.527	122.45
73	73	824	SLV_Ex		74.341	14.9595	0.153	122.45
73	73	825	SLV_Ex		196.8952	39.8781	3.661E-03	122.45
73	73	810	SLV_Ex		196.4265	38.3672	0.148	122.45
74	74	810	SLU_ENV	Max	0.	0.	0.	-2.63
74	74	825	SLU_ENV	Max	0.	0.	0.	-2.63
74	74	826	SLU_ENV	Max	0.	0.	0.	-2.63
74	74	811	SLU_ENV	Max	0.	0.	0.	-2.63

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
74	74	810	SLU_ENV	Min	0.	0.	0.	-31.43
74	74	825	SLU_ENV	Min	0.	0.	0.	-31.43
74	74	826	SLU_ENV	Min	0.	0.	0.	-31.43
74	74	811	SLU_ENV	Min	0.	0.	0.	-31.43
74	74	810	SLV_Ex		194.2573	37.9241	0.182	75.79
74	74	825	SLV_Ex		195.8004	39.6677	-0.028	75.79
74	74	826	SLV_Ex		271.6569	55.4456	-0.257	75.79
74	74	811	SLV_Ex		270.1383	53.6836	-0.105	75.79
75	75	811	SLU_ENV	Max	0.	0.	0.	-25.97
75	75	826	SLU_ENV	Max	0.	0.	0.	-25.97
75	75	827	SLU_ENV	Max	0.	0.	0.	-25.97
75	75	812	SLU_ENV	Max	0.	0.	0.	-25.97
75	75	811	SLU_ENV	Min	0.	0.	0.	-199.49
75	75	826	SLU_ENV	Min	0.	0.	0.	-199.49
75	75	827	SLU_ENV	Min	0.	0.	0.	-199.49
75	75	812	SLU_ENV	Min	0.	0.	0.	-199.49
75	75	811	SLV_Ex		268.7827	53.421	-0.131	29.43
75	75	826	SLV_Ex		270.9868	55.3037	-0.231	29.43
75	75	827	SLV_Ex		300.4692	61.5741	-0.541	29.43
75	75	812	SLV_Ex		298.253	59.7019	-0.451	29.43
76	76	812	SLU_ENV	Max	0.	0.	0.	-43.19
76	76	827	SLU_ENV	Max	0.	0.	0.	-43.19
76	76	828	SLU_ENV	Max	0.	0.	0.	-43.19
76	76	813	SLU_ENV	Max	0.	0.	0.	-43.19
76	76	812	SLU_ENV	Min	0.	0.	0.	-258.84
76	76	827	SLU_ENV	Min	0.	0.	0.	-258.84
76	76	828	SLU_ENV	Min	0.	0.	0.	-258.84
76	76	813	SLU_ENV	Min	0.	0.	0.	-258.84
76	76	812	SLV_Ex		298.2922	59.8845	-0.527	-16.54
76	76	827	SLV_Ex		300.7534	61.4564	-0.463	-16.54
76	76	828	SLV_Ex		284.2568	57.808	-0.906	-16.54
76	76	813	SLV_Ex		281.7634	56.2646	-0.976	-16.54
77	77	813	SLU_ENV	Max	0.	0.	0.	-61.15
77	77	828	SLU_ENV	Max	0.	0.	0.	-61.15
77	77	829	SLU_ENV	Max	0.	0.	0.	-61.15
77	77	814	SLU_ENV	Max	0.	0.	0.	-61.15
77	77	813	SLU_ENV	Min	0.	0.	0.	-329.07
77	77	828	SLU_ENV	Min	0.	0.	0.	-329.07
77	77	829	SLU_ENV	Min	0.	0.	0.	-329.07
77	77	814	SLU_ENV	Min	0.	0.	0.	-329.07
77	77	813	SLV_Ex		284.1038	57.3361	-1.075	-64.64
77	77	828	SLV_Ex		284.9804	57.3472	-0.796	-64.64
77	77	829	SLV_Ex		213.8907	41.7512	-1.316	-64.64
77	77	814	SLV_Ex		212.9876	41.7871	-1.689	-64.64
78	78	114	SLU_ENV	Max	0.	0.	0.	1.39
78	78	113	SLU_ENV	Max	0.	0.	0.	1.39
78	78	166	SLU_ENV	Max	0.	0.	0.	1.39
78	78	167	SLU_ENV	Max	0.	0.	0.	1.39
78	78	114	SLU_ENV	Min	0.	0.	0.	0.12
78	78	113	SLU_ENV	Min	0.	0.	0.	0.12
78	78	166	SLU_ENV	Min	0.	0.	0.	0.12
78	78	167	SLU_ENV	Min	0.	0.	0.	0.12
78	78	114	SLV_Ex		-34.1349	-163.8018	-0.296	-0.1
78	78	113	SLV_Ex		32.2003	4.3381	-88.111	-0.1

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
78	78	166	SLV_Ex		32.4934	4.2381	-89.295	-0.1
78	78	167	SLV_Ex		-34.2426	-163.509	-0.044	-0.1
79	79	167	SLU_ENV	Max	0.	0.	0.	1.77
79	79	166	SLU_ENV	Max	0.	0.	0.	1.77
79	79	193	SLU_ENV	Max	0.	0.	0.	1.77
79	79	194	SLU_ENV	Max	0.	0.	0.	1.77
79	79	167	SLU_ENV	Min	0.	0.	0.	0.3
79	79	166	SLU_ENV	Min	0.	0.	0.	0.3
79	79	193	SLU_ENV	Min	0.	0.	0.	0.3
79	79	194	SLU_ENV	Min	0.	0.	0.	0.3
79	79	167	SLV_Ex		-35.2221	-163.838	0.156	1.434E-02
79	79	166	SLV_Ex		32.5157	3.6261	-88.7	1.434E-02
79	79	193	SLV_Ex		33.8554	3.64	-89.352	1.434E-02
79	79	194	SLV_Ex		-35.191	-162.5296	0.299	1.434E-02
80	80	194	SLU_ENV	Max	0.	0.	0.	2.42
80	80	193	SLU_ENV	Max	0.	0.	0.	2.42
80	80	220	SLU_ENV	Max	0.	0.	0.	2.42
80	80	221	SLU_ENV	Max	0.	0.	0.	2.42
80	80	194	SLU_ENV	Min	0.	0.	0.	0.58
80	80	193	SLU_ENV	Min	0.	0.	0.	0.58
80	80	220	SLU_ENV	Min	0.	0.	0.	0.58
80	80	221	SLU_ENV	Min	0.	0.	0.	0.58
80	80	194	SLV_Ex		-37.0389	-163.2936	0.674	1.05
80	80	193	SLV_Ex		33.7443	1.0253	-88.196	1.05
80	80	220	SLV_Ex		37.3169	2.1707	89.804	1.05
80	80	221	SLV_Ex		-35.8096	-159.8392	1.217	1.05
81	81	221	SLU_ENV	Max	0.	0.	0.	3.25
81	81	220	SLU_ENV	Max	0.	0.	0.	3.25
81	81	247	SLU_ENV	Max	0.	0.	0.	3.25
81	81	248	SLU_ENV	Max	0.	0.	0.	3.25
81	81	221	SLU_ENV	Min	0.	0.	0.	0.96
81	81	220	SLU_ENV	Min	0.	0.	0.	0.96
81	81	247	SLU_ENV	Min	0.	0.	0.	0.96
81	81	248	SLU_ENV	Min	0.	0.	0.	0.96
81	81	221	SLV_Ex		-41.3357	-161.4569	2.004	4.38
81	81	220	SLV_Ex		36.9256	-2.0606	-88.088	4.38
81	81	247	SLV_Ex		45.1957	2.7291	-88.425	4.38
81	81	248	SLV_Ex		-36.4628	-153.3087	2.126	4.38
82	82	248	SLU_ENV	Max	0.	0.	0.	3.51
82	82	247	SLU_ENV	Max	0.	0.	0.	3.51
82	82	274	SLU_ENV	Max	0.	0.	0.	3.51
82	82	275	SLU_ENV	Max	0.	0.	0.	3.51
82	82	248	SLU_ENV	Min	0.	0.	0.	1.14
82	82	247	SLU_ENV	Min	0.	0.	0.	1.14
82	82	274	SLU_ENV	Min	0.	0.	0.	1.14
82	82	275	SLU_ENV	Min	0.	0.	0.	1.14
82	82	248	SLV_Ex		-38.2213	-154.3394	1.386	11.84
82	82	247	SLV_Ex		44.2805	-5.6333	89.468	11.84
82	82	274	SLV_Ex		51.2761	6.1542	80.948	11.84
82	82	275	SLV_Ex		-24.4121	-149.4623	4.303	11.84
83	83	275	SLU_ENV	Max	0.	0.	0.	1.83
83	83	274	SLU_ENV	Max	0.	0.	0.	1.83
83	83	301	SLU_ENV	Max	0.	0.	0.	1.83
83	83	302	SLU_ENV	Max	0.	0.	0.	1.83

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
83	83	275	SLU_ENV	Min	0.	0.	0.	0.64
83	83	274	SLU_ENV	Min	0.	0.	0.	0.64
83	83	301	SLU_ENV	Min	0.	0.	0.	0.64
83	83	302	SLU_ENV	Min	0.	0.	0.	0.64
83	83	275	SLV_Ex		-21.475	-150.5171	5.679	25.5
83	83	274	SLV_Ex		47.3369	-13.1052	86.421	25.5
83	83	301	SLV_Ex		79.6169	0.1704	64.44	25.5
83	83	302	SLV_Ex		16.2845	-142.8677	15.032	25.5
84	84	580	SLU_ENV	Max	0.	0.	0.	-0.55
84	84	579	SLU_ENV	Max	0.	0.	0.	-0.55
84	84	561	SLU_ENV	Max	0.	0.	0.	-0.55
84	84	562	SLU_ENV	Max	0.	0.	0.	-0.55
84	84	580	SLU_ENV	Min	0.	0.	0.	-2.5
84	84	579	SLU_ENV	Min	0.	0.	0.	-2.5
84	84	561	SLU_ENV	Min	0.	0.	0.	-2.5
84	84	562	SLU_ENV	Min	0.	0.	0.	-2.5
84	84	580	SLV_Ex		101.8246	7.1509	-71.76	-24.58
84	84	579	SLV_Ex		211.487	20.6124	-86.517	-24.58
84	84	561	SLV_Ex		185.8907	-3.1761	88.84	-24.58
84	84	562	SLV_Ex		69.9994	-10.4325	-80.766	-24.58
85	85	562	SLU_ENV	Max	0.	0.	0.	-1.13
85	85	561	SLU_ENV	Max	0.	0.	0.	-1.13
85	85	543	SLU_ENV	Max	0.	0.	0.	-1.13
85	85	544	SLU_ENV	Max	0.	0.	0.	-1.13
85	85	562	SLU_ENV	Min	0.	0.	0.	-4.55
85	85	561	SLU_ENV	Min	0.	0.	0.	-4.55
85	85	543	SLU_ENV	Min	0.	0.	0.	-4.55
85	85	544	SLU_ENV	Min	0.	0.	0.	-4.55
85	85	562	SLV_Ex		72.3463	9.7508	-80.651	-12.33
85	85	561	SLV_Ex		193.3643	28.6742	89.589	-12.33
85	85	543	SLV_Ex		177.6402	16.1535	87.491	-12.33
85	85	544	SLV_Ex		55.1823	-1.3682	-85.779	-12.33
86	86	821	SLU_ENV	Max	0.	0.	0.	310.62
86	86	836	SLU_ENV	Max	0.	0.	0.	310.62
86	86	837	SLU_ENV	Max	0.	0.	0.	310.62
86	86	822	SLU_ENV	Max	0.	0.	0.	310.62
86	86	821	SLU_ENV	Min	0.	0.	0.	61.37
86	86	836	SLU_ENV	Min	0.	0.	0.	61.37
86	86	837	SLU_ENV	Min	0.	0.	0.	61.37
86	86	822	SLU_ENV	Min	0.	0.	0.	61.37
86	86	821	SLV_Ex		-120.1654	-599.9734	89.855	265.11
86	86	836	SLV_Ex		-118.8857	-599.1025	89.883	265.11
86	86	837	SLV_Ex		-60.3371	-307.254	89.888	265.11
86	86	822	SLV_Ex		-61.6423	-308.0977	89.834	265.11
87	87	822	SLU_ENV	Max	0.	0.	0.	239.73
87	87	837	SLU_ENV	Max	0.	0.	0.	239.73
87	87	838	SLU_ENV	Max	0.	0.	0.	239.73
87	87	823	SLU_ENV	Max	0.	0.	0.	239.73
87	87	822	SLU_ENV	Min	0.	0.	0.	43.23
87	87	837	SLU_ENV	Min	0.	0.	0.	43.23
87	87	838	SLU_ENV	Min	0.	0.	0.	43.23
87	87	823	SLU_ENV	Min	0.	0.	0.	43.23
87	87	822	SLV_Ex		-61.7327	-309.0263	89.847	216.11
87	87	837	SLV_Ex		-60.6307	-308.2449	89.877	216.11

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
87	87	838	SLV_Ex		-17.2914	-91.9443	89.899	216.11
87	87	823	SLV_Ex		-18.4342	-92.6696	89.799	216.11
88	88	823	SLU_ENV	Max	0.	0.	0.	169.79
88	88	838	SLU_ENV	Max	0.	0.	0.	169.79
88	88	839	SLU_ENV	Max	0.	0.	0.	169.79
88	88	824	SLU_ENV	Max	0.	0.	0.	169.79
88	88	823	SLU_ENV	Min	0.	0.	0.	25.96
88	88	838	SLU_ENV	Min	0.	0.	0.	25.96
88	88	839	SLU_ENV	Min	0.	0.	0.	25.96
88	88	824	SLU_ENV	Min	0.	0.	0.	25.96
88	88	823	SLV_Ex		-18.5683	-93.5851	89.738	169.3
88	88	838	SLV_Ex		-17.6081	-93.2855	89.958	169.3
88	88	839	SLV_Ex		76.1664	16.542	-0.011	169.3
88	88	824	SLV_Ex		75.9003	15.5566	0.261	169.3
89	89	824	SLU_ENV	Max	0.	0.	0.	36.25
89	89	839	SLU_ENV	Max	0.	0.	0.	36.25
89	89	840	SLU_ENV	Max	0.	0.	0.	36.25
89	89	825	SLU_ENV	Max	0.	0.	0.	36.25
89	89	824	SLU_ENV	Min	0.	0.	0.	8.65
89	89	839	SLU_ENV	Min	0.	0.	0.	8.65
89	89	840	SLU_ENV	Min	0.	0.	0.	8.65
89	89	825	SLU_ENV	Min	0.	0.	0.	8.65
89	89	824	SLV_Ex		74.374	15.3128	0.351	122.5
89	89	839	SLV_Ex		75.2028	16.2866	-0.095	122.5
89	89	840	SLV_Ex		197.8157	41.2753	-0.207	122.5
89	89	825	SLV_Ex		197.0158	40.2811	-0.039	122.5
90	90	825	SLU_ENV	Max	0.	0.	0.	-8.66
90	90	840	SLU_ENV	Max	0.	0.	0.	-8.66
90	90	841	SLU_ENV	Max	0.	0.	0.	-8.66
90	90	826	SLU_ENV	Max	0.	0.	0.	-8.66
90	90	825	SLU_ENV	Min	0.	0.	0.	-36.25
90	90	840	SLU_ENV	Min	0.	0.	0.	-36.25
90	90	841	SLU_ENV	Min	0.	0.	0.	-36.25
90	90	826	SLU_ENV	Min	0.	0.	0.	-36.25
90	90	825	SLV_Ex		195.8373	40.0846	-0.062	75.81
90	90	840	SLV_Ex		196.9089	41.0551	-0.184	75.81
90	90	841	SLV_Ex		272.7952	56.5627	-0.307	75.81
90	90	826	SLV_Ex		271.7306	55.5878	-0.219	75.81
91	91	826	SLU_ENV	Max	0.	0.	0.	-25.96
91	91	841	SLU_ENV	Max	0.	0.	0.	-25.96
91	91	842	SLU_ENV	Max	0.	0.	0.	-25.96
91	91	827	SLU_ENV	Max	0.	0.	0.	-25.96
91	91	826	SLU_ENV	Min	0.	0.	0.	-169.79
91	91	841	SLU_ENV	Min	0.	0.	0.	-169.79
91	91	842	SLU_ENV	Min	0.	0.	0.	-169.79
91	91	827	SLU_ENV	Min	0.	0.	0.	-169.79
91	91	826	SLV_Ex		271.0842	55.5576	-0.272	29.25
91	91	841	SLV_Ex		272.6472	56.4343	-0.255	29.25
91	91	842	SLV_Ex		301.9371	62.1956	-0.482	29.25
91	91	827	SLV_Ex		300.3702	61.3236	-0.498	29.25
92	92	827	SLU_ENV	Max	0.	0.	0.	-43.24
92	92	842	SLU_ENV	Max	0.	0.	0.	-43.24
92	92	843	SLU_ENV	Max	0.	0.	0.	-43.24
92	92	828	SLU_ENV	Max	0.	0.	0.	-43.24

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
92	92	827	SLU_ENV	Min	0.	0.	0.	-239.74
92	92	842	SLU_ENV	Min	0.	0.	0.	-239.74
92	92	843	SLU_ENV	Min	0.	0.	0.	-239.74
92	92	828	SLU_ENV	Min	0.	0.	0.	-239.74
92	92	827	SLV_Ex		301.1261	61.6553	-0.564	-17.26
92	92	842	SLV_Ex		302.2515	62.0772	-0.414	-17.26
92	92	843	SLV_Ex		285.0023	57.9234	-0.641	-17.26
92	92	828	SLV_Ex		283.8602	57.5177	-0.801	-17.26
93	93	828	SLU_ENV	Max	0.	0.	0.	-61.38
93	93	843	SLU_ENV	Max	0.	0.	0.	-61.38
93	93	844	SLU_ENV	Max	0.	0.	0.	-61.38
93	93	829	SLU_ENV	Max	0.	0.	0.	-61.38
93	93	828	SLU_ENV	Min	0.	0.	0.	-310.63
93	93	843	SLU_ENV	Min	0.	0.	0.	-310.63
93	93	844	SLU_ENV	Min	0.	0.	0.	-310.63
93	93	829	SLU_ENV	Min	0.	0.	0.	-310.63
93	93	828	SLV_Ex		286.0839	58.3876	-0.873	-66.29
93	93	843	SLV_Ex		286.1634	57.728	-0.561	-66.29
93	93	844	SLV_Ex		213.2087	41.6477	-0.822	-66.29
93	93	829	SLV_Ex		213.1103	42.339	-1.239	-66.29
94	94	544	SLU_ENV	Max	0.	0.	0.	-1.01
94	94	543	SLU_ENV	Max	0.	0.	0.	-1.01
94	94	116	SLU_ENV	Max	0.	0.	0.	-1.01
94	94	117	SLU_ENV	Max	0.	0.	0.	-1.01
94	94	544	SLU_ENV	Min	0.	0.	0.	-3.13
94	94	543	SLU_ENV	Min	0.	0.	0.	-3.13
94	94	116	SLU_ENV	Min	0.	0.	0.	-3.13
94	94	117	SLU_ENV	Min	0.	0.	0.	-3.13
94	94	544	SLV_Ex		55.428	8.1025	-88.404	-9.06
94	94	543	SLV_Ex		182.181	33.3451	88.345	-9.06
94	94	116	SLV_Ex		174.4185	25.2897	88.393	-9.06
94	94	117	SLV_Ex		47.8013	-0.1595	-88.284	-9.06
95	95	117	SLU_ENV	Max	0.	0.	0.	0.68
95	95	116	SLU_ENV	Max	0.	0.	0.	0.68
95	95	3	SLU_ENV	Max	0.	0.	0.	0.68
95	95	4	SLU_ENV	Max	0.	0.	0.	0.68
95	95	117	SLU_ENV	Min	0.	0.	0.	-2.08
95	95	116	SLU_ENV	Min	0.	0.	0.	-2.08
95	95	3	SLU_ENV	Min	0.	0.	0.	-2.08
95	95	4	SLU_ENV	Min	0.	0.	0.	-2.08
95	95	117	SLV_Ex		48.163	6.3863	-88.486	-7.35
95	95	116	SLV_Ex		176.9685	33.4462	88.434	-7.35
95	95	3	SLV_Ex		168.6175	25.4583	88.978	-7.35
95	95	4	SLV_Ex		40.0766	-1.8557	-86.618	-7.35
96	96	4	SLU_ENV	Max	0.	0.	0.	2.17
96	96	3	SLU_ENV	Max	0.	0.	0.	2.17
96	96	31	SLU_ENV	Max	0.	0.	0.	2.17
96	96	32	SLU_ENV	Max	0.	0.	0.	2.17
96	96	4	SLU_ENV	Min	0.	0.	0.	-1.12
96	96	3	SLU_ENV	Min	0.	0.	0.	-1.12
96	96	31	SLU_ENV	Min	0.	0.	0.	-1.12
96	96	32	SLU_ENV	Min	0.	0.	0.	-1.12
96	96	4	SLV_Ex		40.6091	3.795	-87.559	-3.07
96	96	3	SLV_Ex		170.0523	30.262	89.285	-3.07

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
96	96	31	SLV_Ex		164.9552	26.9306	89.51	-3.07
96	96	32	SLV_Ex		35.6681	0.3261	-86.537	-3.07
97	97	32	SLU_ENV	Max	0.	0.	0.	2.96
97	97	31	SLU_ENV	Max	0.	0.	0.	2.96
97	97	58	SLU_ENV	Max	0.	0.	0.	2.96
97	97	59	SLU_ENV	Max	0.	0.	0.	2.96
97	97	32	SLU_ENV	Min	0.	0.	0.	-0.53
97	97	31	SLU_ENV	Min	0.	0.	0.	-0.53
97	97	58	SLU_ENV	Min	0.	0.	0.	-0.53
97	97	59	SLU_ENV	Min	0.	0.	0.	-0.53
97	97	32	SLV_Ex		36.1956	3.5441	-87.334	-1.18
97	97	31	SLV_Ex		165.5597	29.764	89.724	-1.18
97	97	58	SLV_Ex		162.4112	28.4797	89.853	-1.18
97	97	59	SLV_Ex		33.1293	2.1899	-86.611	-1.18
98	98	59	SLU_ENV	Max	0.	0.	0.	3.24
98	98	58	SLU_ENV	Max	0.	0.	0.	3.24
98	98	85	SLU_ENV	Max	0.	0.	0.	3.24
98	98	86	SLU_ENV	Max	0.	0.	0.	3.24
98	98	59	SLU_ENV	Min	0.	0.	0.	-0.19
98	98	58	SLU_ENV	Min	0.	0.	0.	-0.19
98	98	85	SLU_ENV	Min	0.	0.	0.	-0.19
98	98	86	SLU_ENV	Min	0.	0.	0.	-0.19
98	98	59	SLV_Ex		33.5375	4.0855	-87.499	-0.45
98	98	58	SLV_Ex		162.6143	29.9577	-89.955	-0.45
98	98	85	SLV_Ex		160.9427	29.479	-89.932	-0.45
98	98	86	SLV_Ex		31.9063	3.5768	-87.295	-0.45
99	99	86	SLU_ENV	Max	0.	0.	0.	3.21
99	99	85	SLU_ENV	Max	0.	0.	0.	3.21
99	99	112	SLU_ENV	Max	0.	0.	0.	3.21
99	99	113	SLU_ENV	Max	0.	0.	0.	3.21
99	99	86	SLU_ENV	Min	0.	0.	0.	2.330E-02
99	99	85	SLU_ENV	Min	0.	0.	0.	2.330E-02
99	99	112	SLU_ENV	Min	0.	0.	0.	2.330E-02
99	99	113	SLU_ENV	Min	0.	0.	0.	2.330E-02
99	99	86	SLV_Ex		32.142	4.4325	-88.012	-0.21
99	99	85	SLV_Ex		160.9787	30.1528	-89.806	-0.21
99	99	112	SLV_Ex		160.2483	29.9195	-89.82	-0.21
99	99	113	SLV_Ex		31.4079	4.2037	-88.044	-0.21
100	100	113	SLU_ENV	Max	0.	0.	0.	3.17
100	100	112	SLU_ENV	Max	0.	0.	0.	3.17
100	100	165	SLU_ENV	Max	0.	0.	0.	3.17
100	100	166	SLU_ENV	Max	0.	0.	0.	3.17
100	100	113	SLU_ENV	Min	0.	0.	0.	0.12
100	100	112	SLU_ENV	Min	0.	0.	0.	0.12
100	100	165	SLU_ENV	Min	0.	0.	0.	0.12
100	100	166	SLU_ENV	Min	0.	0.	0.	0.12
100	100	113	SLV_Ex		31.4557	4.191	-88.817	-0.12
100	100	112	SLV_Ex		160.2046	30.0595	-89.7	-0.12
100	100	165	SLV_Ex		160.3412	29.9273	-89.638	-0.12
100	100	166	SLV_Ex		31.5884	4.0611	-88.53	-0.12
101	101	166	SLU_ENV	Max	0.	0.	0.	3.19
101	101	165	SLU_ENV	Max	0.	0.	0.	3.19
101	101	192	SLU_ENV	Max	0.	0.	0.	3.19
101	101	193	SLU_ENV	Max	0.	0.	0.	3.19

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
101	101	166	SLU_ENV	Min	0.	0.	0.	0.27
101	101	165	SLU_ENV	Min	0.	0.	0.	0.27
101	101	192	SLU_ENV	Min	0.	0.	0.	0.27
101	101	193	SLU_ENV	Min	0.	0.	0.	0.27
101	101	166	SLV_Ex		31.509	3.3254	-89.234	0.11
101	101	165	SLV_Ex		160.1329	29.2825	-89.533	0.11
101	101	192	SLV_Ex		161.0949	29.3774	-89.431	0.11
101	101	193	SLV_Ex		32.4266	3.4542	-88.776	0.11
102	102	836	SLU_ENV	Max	0.	0.	0.	293.57
102	102	851	SLU_ENV	Max	0.	0.	0.	293.57
102	102	852	SLU_ENV	Max	0.	0.	0.	293.57
102	102	837	SLU_ENV	Max	0.	0.	0.	293.57
102	102	836	SLU_ENV	Min	0.	0.	0.	61.51
102	102	851	SLU_ENV	Min	0.	0.	0.	61.51
102	102	852	SLU_ENV	Min	0.	0.	0.	61.51
102	102	837	SLU_ENV	Min	0.	0.	0.	61.51
102	102	836	SLV_Ex		-119.3649	-599.1709	89.865	265.04
102	102	851	SLV_Ex		-118.8161	-598.3222	89.905	265.04
102	102	852	SLV_Ex		-60.1545	-306.5525	89.955	265.04
102	102	837	SLV_Ex		-60.7417	-307.3633	89.877	265.04
103	103	837	SLU_ENV	Max	0.	0.	0.	222.43
103	103	852	SLU_ENV	Max	0.	0.	0.	222.43
103	103	853	SLU_ENV	Max	0.	0.	0.	222.43
103	103	838	SLU_ENV	Max	0.	0.	0.	222.43
103	103	837	SLU_ENV	Min	0.	0.	0.	43.29
103	103	852	SLU_ENV	Min	0.	0.	0.	43.29
103	103	853	SLU_ENV	Min	0.	0.	0.	43.29
103	103	838	SLU_ENV	Min	0.	0.	0.	43.29
103	103	837	SLV_Ex		-60.927	-308.2361	89.877	215.97
103	103	852	SLV_Ex		-60.3919	-307.7934	89.954	215.97
103	103	853	SLV_Ex		-16.8723	-91.6106	-89.963	215.97
103	103	838	SLV_Ex		-17.4178	-92.0386	89.781	215.97
104	104	838	SLU_ENV	Max	0.	0.	0.	149.16
104	104	853	SLU_ENV	Max	0.	0.	0.	149.16
104	104	854	SLU_ENV	Max	0.	0.	0.	149.16
104	104	839	SLU_ENV	Max	0.	0.	0.	149.16
104	104	838	SLU_ENV	Min	0.	0.	0.	25.97
104	104	853	SLU_ENV	Min	0.	0.	0.	25.97
104	104	854	SLU_ENV	Min	0.	0.	0.	25.97
104	104	839	SLU_ENV	Min	0.	0.	0.	25.97
104	104	838	SLV_Ex		-17.6048	-93.2495	89.772	169.2
104	104	853	SLV_Ex		-17.117	-92.5588	-89.949	169.2
104	104	854	SLV_Ex		76.8047	17.0983	-0.482	169.2
104	104	839	SLV_Ex		76.14	16.5924	-0.129	169.2
105	105	839	SLU_ENV	Max	0.	0.	0.	39.68
105	105	854	SLU_ENV	Max	0.	0.	0.	39.68
105	105	855	SLU_ENV	Max	0.	0.	0.	39.68
105	105	840	SLU_ENV	Max	0.	0.	0.	39.68
105	105	839	SLU_ENV	Min	0.	0.	0.	8.66
105	105	854	SLU_ENV	Min	0.	0.	0.	8.66
105	105	855	SLU_ENV	Min	0.	0.	0.	8.66
105	105	840	SLU_ENV	Min	0.	0.	0.	8.66
105	105	839	SLV_Ex		75.2449	16.4413	-0.145	122.43
105	105	854	SLV_Ex		75.7072	16.8511	-0.472	122.43

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
105	105	855	SLV_Ex		198.256	41.6825	-0.281	122.43
105	105	840	SLV_Ex		197.8021	41.2667	-0.158	122.43
106	106	840	SLU_ENV	Max	0.	0.	0.	-8.66
106	106	855	SLU_ENV	Max	0.	0.	0.	-8.66
106	106	856	SLU_ENV	Max	0.	0.	0.	-8.66
106	106	841	SLU_ENV	Max	0.	0.	0.	-8.66
106	106	840	SLU_ENV	Min	0.	0.	0.	-39.69
106	106	855	SLU_ENV	Min	0.	0.	0.	-39.69
106	106	856	SLU_ENV	Min	0.	0.	0.	-39.69
106	106	841	SLU_ENV	Min	0.	0.	0.	-39.69
106	106	840	SLV_Ex		196.9591	41.1613	-0.196	75.69
106	106	855	SLV_Ex		197.7487	41.5183	-0.244	75.69
106	106	856	SLV_Ex		273.5195	56.7848	-0.318	75.69
106	106	841	SLV_Ex		272.7374	56.4232	-0.284	75.69
107	107	841	SLU_ENV	Max	0.	0.	0.	-25.97
107	107	856	SLU_ENV	Max	0.	0.	0.	-25.97
107	107	857	SLU_ENV	Max	0.	0.	0.	-25.97
107	107	842	SLU_ENV	Max	0.	0.	0.	-25.97
107	107	841	SLU_ENV	Min	0.	0.	0.	-149.16
107	107	856	SLU_ENV	Min	0.	0.	0.	-149.16
107	107	857	SLU_ENV	Min	0.	0.	0.	-149.16
107	107	842	SLU_ENV	Min	0.	0.	0.	-149.16
107	107	841	SLV_Ex		272.7673	56.4928	-0.338	28.99
107	107	856	SLV_Ex		273.3321	56.6835	-0.264	28.99
107	107	857	SLV_Ex		302.3527	62.1646	-0.334	28.99
107	107	842	SLV_Ex		301.7831	61.9789	-0.402	28.99
108	108	842	SLU_ENV	Max	0.	0.	0.	-43.29
108	108	857	SLU_ENV	Max	0.	0.	0.	-43.29
108	108	858	SLU_ENV	Max	0.	0.	0.	-43.29
108	108	843	SLU_ENV	Max	0.	0.	0.	-43.29
108	108	842	SLU_ENV	Min	0.	0.	0.	-222.43
108	108	857	SLU_ENV	Min	0.	0.	0.	-222.43
108	108	858	SLU_ENV	Min	0.	0.	0.	-222.43
108	108	843	SLU_ENV	Min	0.	0.	0.	-222.43
108	108	842	SLV_Ex		302.5419	62.2586	-0.463	-17.8
108	108	857	SLV_Ex		303.036	62.172	-0.271	-17.8
108	108	858	SLV_Ex		285.2307	57.7281	-0.388	-17.8
108	108	843	SLV_Ex		284.727	57.8238	-0.592	-17.8
109	109	843	SLU_ENV	Max	0.	0.	0.	-61.51
109	109	858	SLU_ENV	Max	0.	0.	0.	-61.51
109	109	859	SLU_ENV	Max	0.	0.	0.	-61.51
109	109	844	SLU_ENV	Max	0.	0.	0.	-61.51
109	109	843	SLU_ENV	Min	0.	0.	0.	-293.57
109	109	858	SLU_ENV	Min	0.	0.	0.	-293.57
109	109	859	SLU_ENV	Min	0.	0.	0.	-293.57
109	109	844	SLU_ENV	Min	0.	0.	0.	-293.57
109	109	843	SLV_Ex		286.8148	58.4238	-0.632	-67.21
109	109	858	SLV_Ex		286.2929	57.7566	-0.343	-67.21
109	109	859	SLV_Ex		212.3106	41.5974	-0.359	-67.21
109	109	844	SLV_Ex		212.8225	42.2804	-0.747	-67.21
110	110	193	SLU_ENV	Max	0.	0.	0.	3.47
110	110	192	SLU_ENV	Max	0.	0.	0.	3.47
110	110	219	SLU_ENV	Max	0.	0.	0.	3.47
110	110	220	SLU_ENV	Max	0.	0.	0.	3.47

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
110	110	193	SLU_ENV	Min	0.	0.	0.	0.55
110	110	192	SLU_ENV	Min	0.	0.	0.	0.55
110	110	219	SLU_ENV	Min	0.	0.	0.	0.55
110	110	220	SLU_ENV	Min	0.	0.	0.	0.55
110	110	193	SLV_Ex		32.215	0.72	89.666	0.97
110	110	192	SLV_Ex		160.4314	27.7032	-89.13	0.97
110	110	219	SLV_Ex		163.6201	28.6987	-88.598	0.97
110	110	220	SLV_Ex		35.3446	1.7704	-88.118	0.97
111	111	220	SLU_ENV	Max	0.	0.	0.	4.04
111	111	219	SLU_ENV	Max	0.	0.	0.	4.04
111	111	246	SLU_ENV	Max	0.	0.	0.	4.04
111	111	247	SLU_ENV	Max	0.	0.	0.	4.04
111	111	220	SLU_ENV	Min	0.	0.	0.	0.94
111	111	219	SLU_ENV	Min	0.	0.	0.	0.94
111	111	246	SLU_ENV	Min	0.	0.	0.	0.94
111	111	247	SLU_ENV	Min	0.	0.	0.	0.94
111	111	220	SLV_Ex		35.3817	-2.2381	-88.85	3.41
111	111	219	SLV_Ex		161.8332	24.0142	-88.516	3.41
111	111	246	SLV_Ex		166.4106	27.66	-88.132	3.41
111	111	247	SLV_Ex		39.848	1.5093	-87.445	3.41
112	112	247	SLU_ENV	Max	0.	0.	0.	4.31
112	112	246	SLU_ENV	Max	0.	0.	0.	4.31
112	112	273	SLU_ENV	Max	0.	0.	0.	4.31
112	112	274	SLU_ENV	Max	0.	0.	0.	4.31
112	112	247	SLU_ENV	Min	0.	0.	0.	1.2
112	112	246	SLU_ENV	Min	0.	0.	0.	1.2
112	112	273	SLU_ENV	Min	0.	0.	0.	1.2
112	112	274	SLU_ENV	Min	0.	0.	0.	1.2
112	112	247	SLV_Ex		40.041	-5.1139	88.493	10.47
112	112	246	SLV_Ex		162.2548	13.4478	-87.17	10.47
112	112	273	SLV_Ex		175.5778	25.2065	-89.141	10.47
112	112	274	SLV_Ex		54.2895	5.7094	82.519	10.47
113	113	274	SLU_ENV	Max	0.	0.	0.	2.28
113	113	273	SLU_ENV	Max	0.	0.	0.	2.28
113	113	300	SLU_ENV	Max	0.	0.	0.	2.28
113	113	301	SLU_ENV	Max	0.	0.	0.	2.28
113	113	274	SLU_ENV	Min	0.	0.	0.	0.67
113	113	273	SLU_ENV	Min	0.	0.	0.	0.67
113	113	300	SLU_ENV	Min	0.	0.	0.	0.67
113	113	301	SLU_ENV	Min	0.	0.	0.	0.67
113	113	274	SLV_Ex		53.0072	-11.8435	81.67	23.63
113	113	273	SLV_Ex		168.1493	-4.7622	-88.271	23.63
113	113	300	SLV_Ex		193.2048	20.5725	86.388	23.63
113	113	301	SLV_Ex		85.0832	6.41	69.926	23.63
114	114	579	SLU_ENV	Max	0.	0.	0.	-1.34
114	114	597	SLU_ENV	Max	0.	0.	0.	-1.34
114	114	596	SLU_ENV	Max	0.	0.	0.	-1.34
114	114	561	SLU_ENV	Max	0.	0.	0.	-1.34
114	114	579	SLU_ENV	Min	0.	0.	0.	-6.8
114	114	597	SLU_ENV	Min	0.	0.	0.	-6.8
114	114	596	SLU_ENV	Min	0.	0.	0.	-6.8
114	114	561	SLU_ENV	Min	0.	0.	0.	-6.8
114	114	579	SLV_Ex		222.4384	20.1949	-88.74	-18.9
114	114	597	SLV_Ex		251.2752	22.8657	85.428	-18.9

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
114	114	596	SLV_Ex		220.6879	3.6863	84.863	-18.9
114	114	561	SLV_Ex		191.482	1.3046	-89.022	-18.9
115	115	561	SLU_ENV	Max	0.	0.	0.	-2.01
115	115	596	SLU_ENV	Max	0.	0.	0.	-2.01
115	115	595	SLU_ENV	Max	0.	0.	0.	-2.01
115	115	543	SLU_ENV	Max	0.	0.	0.	-2.01
115	115	561	SLU_ENV	Min	0.	0.	0.	-8.88
115	115	596	SLU_ENV	Min	0.	0.	0.	-8.88
115	115	595	SLU_ENV	Min	0.	0.	0.	-8.88
115	115	543	SLU_ENV	Min	0.	0.	0.	-8.88
115	115	561	SLV_Ex		190.4297	23.688	88.328	-2.12
115	115	596	SLV_Ex		230.84	32.8603	86.732	-2.12
115	115	595	SLV_Ex		222.6136	30.916	87.061	-2.12
115	115	543	SLV_Ex		182.229	21.5946	88.783	-2.12
116	116	543	SLU_ENV	Max	0.	0.	0.	-0.34
116	116	595	SLU_ENV	Max	0.	0.	0.	-0.34
116	116	115	SLU_ENV	Max	0.	0.	0.	-0.34
116	116	116	SLU_ENV	Max	0.	0.	0.	-0.34
116	116	543	SLU_ENV	Min	0.	0.	0.	-3.94
116	116	595	SLU_ENV	Min	0.	0.	0.	-3.94
116	116	115	SLU_ENV	Min	0.	0.	0.	-3.94
116	116	116	SLU_ENV	Min	0.	0.	0.	-3.94
116	116	543	SLV_Ex		178.8153	30.2973	88.104	-2.95
116	116	595	SLV_Ex		229.9287	41.9715	87.45	-2.95
116	116	115	SLV_Ex		225.5654	39.4699	87.835	-2.95
116	116	116	SLV_Ex		174.4997	27.6703	88.602	-2.95
117	117	116	SLU_ENV	Max	0.	0.	0.	3.1
117	117	115	SLU_ENV	Max	0.	0.	0.	3.1
117	117	2	SLU_ENV	Max	0.	0.	0.	3.1
117	117	3	SLU_ENV	Max	0.	0.	0.	3.1
117	117	116	SLU_ENV	Min	0.	0.	0.	-1.81
117	117	115	SLU_ENV	Min	0.	0.	0.	-1.81
117	117	2	SLU_ENV	Min	0.	0.	0.	-1.81
117	117	3	SLU_ENV	Min	0.	0.	0.	-1.81
117	117	116	SLV_Ex		172.4233	31.367	88.304	-4.4
117	117	115	SLV_Ex		229.4069	44.6129	87.991	-4.4
117	117	2	SLV_Ex		225.2549	39.9248	88.577	-4.4
117	117	3	SLV_Ex		168.364	26.5682	89.071	-4.4
118	118	851	SLU_ENV	Max	0.	0.	0.	278.32
118	118	866	SLU_ENV	Max	0.	0.	0.	278.32
118	118	867	SLU_ENV	Max	0.	0.	0.	278.32
118	118	852	SLU_ENV	Max	0.	0.	0.	278.32
118	118	851	SLU_ENV	Min	0.	0.	0.	61.53
118	118	866	SLU_ENV	Min	0.	0.	0.	61.53
118	118	867	SLU_ENV	Min	0.	0.	0.	61.53
118	118	852	SLU_ENV	Min	0.	0.	0.	61.53
118	118	851	SLV_Ex		-118.9935	-598.335	89.908	264.97
118	118	866	SLV_Ex		-118.8745	-597.8797	89.946	264.97
118	118	867	SLV_Ex		-60.269	-306.1713	89.978	264.97
118	118	852	SLV_Ex		-60.3902	-306.6229	89.905	264.97
119	119	852	SLU_ENV	Max	0.	0.	0.	209.77
119	119	867	SLU_ENV	Max	0.	0.	0.	209.77
119	119	868	SLU_ENV	Max	0.	0.	0.	209.77
119	119	853	SLU_ENV	Max	0.	0.	0.	209.77

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
119	119	852	SLU_ENV	Min	0.	0.	0.	43.3
119	119	867	SLU_ENV	Min	0.	0.	0.	43.3
119	119	868	SLU_ENV	Min	0.	0.	0.	43.3
119	119	853	SLU_ENV	Min	0.	0.	0.	43.3
119	119	852	SLV_Ex		-60.5529	-307.8007	89.903	215.9
119	119	867	SLV_Ex		-60.5259	-307.0919	89.981	215.9
119	119	868	SLV_Ex		-17.0123	-90.9891	-89.658	215.9
119	119	853	SLV_Ex		-17.0581	-91.6735	-89.918	215.9
120	120	853	SLU_ENV	Max	0.	0.	0.	148.01
120	120	868	SLU_ENV	Max	0.	0.	0.	148.01
120	120	869	SLU_ENV	Max	0.	0.	0.	148.01
120	120	854	SLU_ENV	Max	0.	0.	0.	148.01
120	120	853	SLU_ENV	Min	0.	0.	0.	25.97
120	120	868	SLU_ENV	Min	0.	0.	0.	25.97
120	120	869	SLU_ENV	Min	0.	0.	0.	25.97
120	120	854	SLU_ENV	Min	0.	0.	0.	25.97
120	120	853	SLV_Ex		-17.2292	-92.5541	-89.928	169.13
120	120	868	SLV_Ex		-17.2637	-92.2206	-89.656	169.13
120	120	869	SLV_Ex		77.0906	16.9032	-0.677	169.13
120	120	854	SLV_Ex		76.7451	16.9494	-0.341	169.13
121	121	854	SLU_ENV	Max	0.	0.	0.	31.53
121	121	869	SLU_ENV	Max	0.	0.	0.	31.53
121	121	870	SLU_ENV	Max	0.	0.	0.	31.53
121	121	855	SLU_ENV	Max	0.	0.	0.	31.53
121	121	854	SLU_ENV	Min	0.	0.	0.	5.96
121	121	869	SLU_ENV	Min	0.	0.	0.	5.96
121	121	870	SLU_ENV	Min	0.	0.	0.	5.96
121	121	855	SLU_ENV	Min	0.	0.	0.	5.96
121	121	854	SLV_Ex		75.7264	16.7852	-0.378	122.34
121	121	869	SLV_Ex		76.2245	16.6907	-0.654	122.34
121	121	870	SLV_Ex		198.683	41.4545	-0.388	122.34
121	121	855	SLV_Ex		198.194	41.5423	-0.283	122.34
122	122	855	SLU_ENV	Max	0.	0.	0.	-5.96
122	122	870	SLU_ENV	Max	0.	0.	0.	-5.96
122	122	871	SLU_ENV	Max	0.	0.	0.	-5.96
122	122	856	SLU_ENV	Max	0.	0.	0.	-5.96
122	122	855	SLU_ENV	Min	0.	0.	0.	-31.54
122	122	870	SLU_ENV	Min	0.	0.	0.	-31.54
122	122	871	SLU_ENV	Min	0.	0.	0.	-31.54
122	122	856	SLU_ENV	Min	0.	0.	0.	-31.54
122	122	855	SLV_Ex		197.7951	41.4819	-0.318	75.58
122	122	870	SLV_Ex		197.8546	41.2697	-0.354	75.58
122	122	871	SLV_Ex		273.5095	56.4758	-0.276	75.58
122	122	856	SLV_Ex		273.4465	56.6914	-0.25	75.58
123	123	856	SLU_ENV	Max	0.	0.	0.	-25.97
123	123	871	SLU_ENV	Max	0.	0.	0.	-25.97
123	123	872	SLU_ENV	Max	0.	0.	0.	-25.97
123	123	857	SLU_ENV	Max	0.	0.	0.	-25.97
123	123	856	SLU_ENV	Min	0.	0.	0.	-148.01
123	123	871	SLU_ENV	Min	0.	0.	0.	-148.01
123	123	872	SLU_ENV	Min	0.	0.	0.	-148.01
123	123	857	SLU_ENV	Min	0.	0.	0.	-148.01
123	123	856	SLV_Ex		273.4187	56.7272	-0.304	28.82
123	123	871	SLV_Ex		273.4529	56.4229	-0.222	28.82

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
123	123	872	SLV_Ex		302.3062	61.8406	-0.218	28.82
123	123	857	SLV_Ex		302.2707	62.1466	-0.293	28.82
124	124	857	SLU_ENV	Max	0.	0.	0.	-43.3
124	124	872	SLU_ENV	Max	0.	0.	0.	-43.3
124	124	873	SLU_ENV	Max	0.	0.	0.	-43.3
124	124	858	SLU_ENV	Max	0.	0.	0.	-43.3
124	124	857	SLU_ENV	Min	0.	0.	0.	-209.78
124	124	872	SLU_ENV	Min	0.	0.	0.	-209.78
124	124	873	SLU_ENV	Min	0.	0.	0.	-209.78
124	124	858	SLU_ENV	Min	0.	0.	0.	-209.78
124	124	857	SLV_Ex		303.1865	62.3395	-0.348	-18.02
124	124	872	SLV_Ex		302.7833	61.9251	-0.161	-18.02
124	124	873	SLV_Ex		284.7459	57.4671	-0.112	-18.02
124	124	858	SLV_Ex		285.1449	57.8855	-0.31	-18.02
125	125	858	SLU_ENV	Max	0.	0.	0.	-61.53
125	125	873	SLU_ENV	Max	0.	0.	0.	-61.53
125	125	874	SLU_ENV	Max	0.	0.	0.	-61.53
125	125	859	SLU_ENV	Max	0.	0.	0.	-61.53
125	125	858	SLU_ENV	Min	0.	0.	0.	-278.32
125	125	873	SLU_ENV	Min	0.	0.	0.	-278.32
125	125	874	SLU_ENV	Min	0.	0.	0.	-278.32
125	125	859	SLU_ENV	Min	0.	0.	0.	-278.32
125	125	858	SLV_Ex		286.5579	58.1942	-0.342	-67.51
125	125	873	SLV_Ex		286.1608	57.7227	-0.077	-67.51
125	125	874	SLV_Ex		211.8447	41.6198	-0.023	-67.51
125	125	859	SLV_Ex		212.2343	42.0993	-0.378	-67.51
126	126	3	SLU_ENV	Max	0.	0.	0.	4.95
126	126	2	SLU_ENV	Max	0.	0.	0.	4.95
126	126	30	SLU_ENV	Max	0.	0.	0.	4.95
126	126	31	SLU_ENV	Max	0.	0.	0.	4.95
126	126	3	SLU_ENV	Min	0.	0.	0.	-0.74
126	126	2	SLU_ENV	Min	0.	0.	0.	-0.74
126	126	30	SLU_ENV	Min	0.	0.	0.	-0.74
126	126	31	SLU_ENV	Min	0.	0.	0.	-0.74
126	126	3	SLV_Ex		167.274	29.2829	89.056	-2.
126	126	2	SLV_Ex		227.4965	42.9444	88.551	-2.
126	126	30	SLV_Ex		223.8067	40.8364	89.047	-2.
126	126	31	SLV_Ex		163.6715	27.0868	89.727	-2.
127	127	31	SLU_ENV	Max	0.	0.	0.	5.68
127	127	30	SLU_ENV	Max	0.	0.	0.	5.68
127	127	57	SLU_ENV	Max	0.	0.	0.	5.68
127	127	58	SLU_ENV	Max	0.	0.	0.	5.68
127	127	31	SLU_ENV	Min	0.	0.	0.	-0.28
127	127	30	SLU_ENV	Min	0.	0.	0.	-0.28
127	127	57	SLU_ENV	Min	0.	0.	0.	-0.28
127	127	58	SLU_ENV	Min	0.	0.	0.	-0.28
127	127	31	SLV_Ex		163.46	29.3066	89.548	-0.94
127	127	30	SLV_Ex		224.8305	42.7135	89.157	-0.94
127	127	57	SLV_Ex		222.4311	41.7246	89.506	-0.94
127	127	58	SLV_Ex		161.1311	28.2559	-89.973	-0.94
128	128	58	SLU_ENV	Max	0.	0.	0.	5.72
128	128	57	SLU_ENV	Max	0.	0.	0.	5.72
128	128	84	SLU_ENV	Max	0.	0.	0.	5.72
128	128	85	SLU_ENV	Max	0.	0.	0.	5.72

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
128	128	58	SLU_ENV	Min	0.	0.	0.	-9.817E-02
128	128	57	SLU_ENV	Min	0.	0.	0.	-9.817E-02
128	128	84	SLU_ENV	Min	0.	0.	0.	-9.817E-02
128	128	85	SLU_ENV	Min	0.	0.	0.	-9.817E-02
128	128	58	SLV_Ex		161.2272	29.7374	89.903	-0.51
128	128	57	SLV_Ex		222.8385	42.7818	89.582	-0.51
128	128	84	SLV_Ex		221.2695	42.2386	89.805	-0.51
128	128	85	SLV_Ex		159.6883	29.1688	-89.789	-0.51
129	129	85	SLU_ENV	Max	0.	0.	0.	5.37
129	129	84	SLU_ENV	Max	0.	0.	0.	5.37
129	129	111	SLU_ENV	Max	0.	0.	0.	5.37
129	129	112	SLU_ENV	Max	0.	0.	0.	5.37
129	129	85	SLU_ENV	Min	0.	0.	0.	3.677E-03
129	129	84	SLU_ENV	Min	0.	0.	0.	3.677E-03
129	129	111	SLU_ENV	Min	0.	0.	0.	3.677E-03
129	129	112	SLU_ENV	Min	0.	0.	0.	3.677E-03
129	129	85	SLV_Ex		159.826	29.9785	-89.925	-0.31
129	129	84	SLV_Ex		221.4075	42.8249	89.891	-0.31
129	129	111	SLV_Ex		220.6592	42.491	-89.944	-0.31
129	129	112	SLV_Ex		159.0946	29.6312	-89.697	-0.31
130	130	112	SLU_ENV	Max	0.	0.	0.	4.87
130	130	111	SLU_ENV	Max	0.	0.	0.	4.87
130	130	164	SLU_ENV	Max	0.	0.	0.	4.87
130	130	165	SLU_ENV	Max	0.	0.	0.	4.87
130	130	112	SLU_ENV	Min	0.	0.	0.	5.907E-02
130	130	111	SLU_ENV	Min	0.	0.	0.	5.907E-02
130	130	164	SLU_ENV	Min	0.	0.	0.	5.907E-02
130	130	165	SLU_ENV	Min	0.	0.	0.	5.907E-02
130	130	112	SLV_Ex		159.1783	29.8692	-89.781	-0.23
130	130	111	SLV_Ex		220.6668	42.7175	-89.895	-0.23
130	130	164	SLV_Ex		220.4083	42.4582	-89.729	-0.23
130	130	165	SLV_Ex		158.9021	29.6233	-89.552	-0.23
131	131	165	SLU_ENV	Max	0.	0.	0.	4.38
131	131	164	SLU_ENV	Max	0.	0.	0.	4.38
131	131	191	SLU_ENV	Max	0.	0.	0.	4.38
131	131	192	SLU_ENV	Max	0.	0.	0.	4.38
131	131	165	SLU_ENV	Min	0.	0.	0.	0.16
131	131	164	SLU_ENV	Min	0.	0.	0.	0.16
131	131	191	SLU_ENV	Min	0.	0.	0.	0.16
131	131	192	SLU_ENV	Min	0.	0.	0.	0.16
131	131	165	SLV_Ex		158.9609	29.1583	-89.676	-0.21
131	131	164	SLV_Ex		220.242	42.3928	-89.654	-0.21
131	131	191	SLV_Ex		220.6706	42.1333	-89.363	-0.21
131	131	192	SLV_Ex		159.3678	28.9179	-89.278	-0.21
132	132	192	SLU_ENV	Max	0.	0.	0.	4.16
132	132	191	SLU_ENV	Max	0.	0.	0.	4.16
132	132	218	SLU_ENV	Max	0.	0.	0.	4.16
132	132	219	SLU_ENV	Max	0.	0.	0.	4.16
132	132	192	SLU_ENV	Min	0.	0.	0.	0.41
132	132	191	SLU_ENV	Min	0.	0.	0.	0.41
132	132	218	SLU_ENV	Min	0.	0.	0.	0.41
132	132	219	SLU_ENV	Min	0.	0.	0.	0.41
132	132	192	SLV_Ex		159.7445	27.9654	-89.209	-0.39
132	132	191	SLV_Ex		220.0501	41.8676	-89.432	-0.39

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
132	132	218	SLV_Ex		219.966	41.3705	-88.895	-0.39
132	132	219	SLV_Ex		159.6356	27.4947	-88.483	-0.39
133	133	219	SLU_ENV	Max	0.	0.	0.	4.99
133	133	218	SLU_ENV	Max	0.	0.	0.	4.99
133	133	245	SLU_ENV	Max	0.	0.	0.	4.99
133	133	246	SLU_ENV	Max	0.	0.	0.	4.99
133	133	219	SLU_ENV	Min	0.	0.	0.	1.01
133	133	218	SLU_ENV	Min	0.	0.	0.	1.01
133	133	245	SLU_ENV	Min	0.	0.	0.	1.01
133	133	246	SLU_ENV	Min	0.	0.	0.	1.01
133	133	219	SLV_Ex		161.1058	25.6455	-88.718	-0.48
133	133	218	SLV_Ex		217.6778	39.1746	-88.759	-0.48
133	133	245	SLV_Ex		218.7928	38.5107	-88.121	-0.48
133	133	246	SLV_Ex		162.2171	25.0257	-87.88	-0.48
134	134	866	SLU_ENV	Max	0.	0.	0.	263.41
134	134	881	SLU_ENV	Max	0.	0.	0.	263.41
134	134	882	SLU_ENV	Max	0.	0.	0.	263.41
134	134	867	SLU_ENV	Max	0.	0.	0.	263.41
134	134	866	SLU_ENV	Min	0.	0.	0.	61.43
134	134	881	SLU_ENV	Min	0.	0.	0.	61.43
134	134	882	SLU_ENV	Min	0.	0.	0.	61.43
134	134	867	SLU_ENV	Min	0.	0.	0.	61.43
134	134	866	SLV_Ex		-118.8913	-597.8403	89.927	264.87
134	134	881	SLV_Ex		-119.4598	-597.3704	89.963	264.87
134	134	882	SLV_Ex		-60.8872	-305.7734	-89.96	264.87
134	134	867	SLV_Ex		-60.3344	-306.2276	89.97	264.87
135	135	867	SLU_ENV	Max	0.	0.	0.	195.02
135	135	882	SLU_ENV	Max	0.	0.	0.	195.02
135	135	883	SLU_ENV	Max	0.	0.	0.	195.02
135	135	868	SLU_ENV	Max	0.	0.	0.	195.02
135	135	867	SLU_ENV	Min	0.	0.	0.	43.25
135	135	882	SLU_ENV	Min	0.	0.	0.	43.25
135	135	883	SLU_ENV	Min	0.	0.	0.	43.25
135	135	868	SLU_ENV	Min	0.	0.	0.	43.25
135	135	867	SLV_Ex		-60.5314	-307.1094	89.988	215.89
135	135	882	SLV_Ex		-61.076	-306.8196	-89.98	215.89
135	135	883	SLV_Ex		-17.7977	-90.7084	-89.689	215.89
135	135	868	SLV_Ex		-17.2402	-91.0162	-89.798	215.89
136	136	868	SLU_ENV	Max	0.	0.	0.	129.46
136	136	883	SLU_ENV	Max	0.	0.	0.	129.46
136	136	884	SLU_ENV	Max	0.	0.	0.	129.46
136	136	869	SLU_ENV	Max	0.	0.	0.	129.46
136	136	868	SLU_ENV	Min	0.	0.	0.	25.96
136	136	883	SLU_ENV	Min	0.	0.	0.	25.96
136	136	884	SLU_ENV	Min	0.	0.	0.	25.96
136	136	869	SLU_ENV	Min	0.	0.	0.	25.96
136	136	868	SLV_Ex		-17.4802	-92.2533	-89.834	169.09
136	136	883	SLV_Ex		-17.9754	-91.5615	-89.656	169.09
136	136	884	SLV_Ex		77.7174	16.0307	-0.97	169.09
136	136	869	SLV_Ex		77.0126	16.5379	-0.777	169.09
137	137	869	SLU_ENV	Max	0.	0.	0.	33.
137	137	884	SLU_ENV	Max	0.	0.	0.	33.
137	137	885	SLU_ENV	Max	0.	0.	0.	33.
137	137	870	SLU_ENV	Max	0.	0.	0.	33.

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
137	137	869	SLU_ENV	Min	0.	0.	0.	8.65
137	137	884	SLU_ENV	Min	0.	0.	0.	8.65
137	137	885	SLU_ENV	Min	0.	0.	0.	8.65
137	137	870	SLU_ENV	Min	0.	0.	0.	8.65
137	137	869	SLV_Ex		76.2133	16.3709	-0.706	122.26
137	137	884	SLV_Ex		76.3376	15.7604	-1.064	122.26
137	137	885	SLV_Ex		198.7192	40.6145	-0.474	122.26
137	137	870	SLV_Ex		198.5851	41.2314	-0.335	122.26
138	138	870	SLU_ENV	Max	0.	0.	0.	-8.66
138	138	885	SLU_ENV	Max	0.	0.	0.	-8.66
138	138	886	SLU_ENV	Max	0.	0.	0.	-8.66
138	138	871	SLU_ENV	Max	0.	0.	0.	-8.66
138	138	870	SLU_ENV	Min	0.	0.	0.	-33.
138	138	885	SLU_ENV	Min	0.	0.	0.	-33.
138	138	886	SLU_ENV	Min	0.	0.	0.	-33.
138	138	871	SLU_ENV	Min	0.	0.	0.	-33.
138	138	870	SLV_Ex		197.8901	41.1202	-0.366	75.48
138	138	885	SLV_Ex		197.6785	40.3788	-0.447	75.48
138	138	886	SLV_Ex		273.2299	55.707	-0.31	75.48
138	138	871	SLV_Ex		273.4388	56.4512	-0.252	75.48
139	139	871	SLU_ENV	Max	0.	0.	0.	-25.96
139	139	886	SLU_ENV	Max	0.	0.	0.	-25.96
139	139	887	SLU_ENV	Max	0.	0.	0.	-25.96
139	139	872	SLU_ENV	Max	0.	0.	0.	-25.96
139	139	871	SLU_ENV	Min	0.	0.	0.	-129.46
139	139	886	SLU_ENV	Min	0.	0.	0.	-129.46
139	139	887	SLU_ENV	Min	0.	0.	0.	-129.46
139	139	872	SLU_ENV	Min	0.	0.	0.	-129.46
139	139	871	SLV_Ex		273.5037	56.4584	-0.3	28.78
139	139	886	SLV_Ex		272.6186	55.5906	-0.263	28.78
139	139	887	SLV_Ex		301.4262	61.193	-0.11	28.78
139	139	872	SLV_Ex		302.308	62.0637	-0.143	28.78
140	140	872	SLU_ENV	Max	0.	0.	0.	-43.25
140	140	887	SLU_ENV	Max	0.	0.	0.	-43.25
140	140	888	SLU_ENV	Max	0.	0.	0.	-43.25
140	140	873	SLU_ENV	Max	0.	0.	0.	-43.25
140	140	872	SLU_ENV	Min	0.	0.	0.	-195.03
140	140	887	SLU_ENV	Min	0.	0.	0.	-195.03
140	140	888	SLU_ENV	Min	0.	0.	0.	-195.03
140	140	873	SLU_ENV	Min	0.	0.	0.	-195.03
140	140	872	SLV_Ex		302.7866	62.1063	-0.198	-17.91
140	140	887	SLV_Ex		301.931	61.3463	-0.054	-17.91
140	140	888	SLV_Ex		284.0047	57.1104	0.077	-17.91
140	140	873	SLV_Ex		284.86	57.8693	-0.076	-17.91
141	141	873	SLU_ENV	Max	0.	0.	0.	-61.43
141	141	888	SLU_ENV	Max	0.	0.	0.	-61.43
141	141	889	SLU_ENV	Max	0.	0.	0.	-61.43
141	141	874	SLU_ENV	Max	0.	0.	0.	-61.43
141	141	873	SLU_ENV	Min	0.	0.	0.	-263.42
141	141	888	SLU_ENV	Min	0.	0.	0.	-263.42
141	141	889	SLU_ENV	Min	0.	0.	0.	-263.42
141	141	874	SLU_ENV	Min	0.	0.	0.	-263.42
141	141	873	SLV_Ex		286.0416	57.8822	-0.116	-67.19
141	141	888	SLV_Ex		285.3939	57.6104	0.116	-67.19

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
141	141	889	SLV_Ex		211.4243	41.7413	0.324	-67.19
141	141	874	SLV_Ex		212.0734	42.0051	0.013	-67.19
142	142	246	SLU_ENV	Max	0.	0.	0.	7.12
142	142	245	SLU_ENV	Max	0.	0.	0.	7.12
142	142	272	SLU_ENV	Max	0.	0.	0.	7.12
142	142	273	SLU_ENV	Max	0.	0.	0.	7.12
142	142	246	SLU_ENV	Min	0.	0.	0.	1.94
142	142	245	SLU_ENV	Min	0.	0.	0.	1.94
142	142	272	SLU_ENV	Min	0.	0.	0.	1.94
142	142	273	SLU_ENV	Min	0.	0.	0.	1.94
142	142	246	SLV_Ex		165.8183	18.5517	-88.583	1.43
142	142	245	SLV_Ex		212.2259	30.1495	-87.702	1.43
142	142	272	SLV_Ex		217.5413	31.4794	-87.029	1.43
142	142	273	SLV_Ex		171.1291	20.0089	-87.731	1.43
143	143	273	SLU_ENV	Max	0.	0.	0.	5.42
143	143	272	SLU_ENV	Max	0.	0.	0.	5.42
143	143	299	SLU_ENV	Max	0.	0.	0.	5.42
143	143	300	SLU_ENV	Max	0.	0.	0.	5.42
143	143	273	SLU_ENV	Min	0.	0.	0.	1.59
143	143	272	SLU_ENV	Min	0.	0.	0.	1.59
143	143	299	SLU_ENV	Min	0.	0.	0.	1.59
143	143	300	SLU_ENV	Min	0.	0.	0.	1.59
143	143	273	SLV_Ex		173.3105	0.4215	89.284	17.22
143	143	272	SLV_Ex		206.9569	3.9346	-84.967	17.22
143	143	299	SLV_Ex		236.7107	23.142	-85.563	17.22
143	143	300	SLV_Ex		203.4291	19.3676	88.932	17.22
144	144	597	SLU_ENV	Max	0.	0.	0.	-7.93
144	144	991	SLU_ENV	Max	0.	0.	0.	-7.93
144	144	990	SLU_ENV	Max	0.	0.	0.	-7.93
144	144	596	SLU_ENV	Max	0.	0.	0.	-7.93
144	144	597	SLU_ENV	Min	0.	0.	0.	-46.24
144	144	991	SLU_ENV	Min	0.	0.	0.	-46.24
144	144	990	SLU_ENV	Min	0.	0.	0.	-46.24
144	144	596	SLU_ENV	Min	0.	0.	0.	-46.24
144	144	597	SLV_Ex		229.132	1.8949	84.551	23.28
144	144	991	SLV_Ex		144.6491	-6.1747	87.579	23.28
144	144	990	SLV_Ex		167.5775	17.2702	89.626	23.28
144	144	596	SLV_Ex		250.6397	26.196	85.876	23.28
145	145	596	SLU_ENV	Max	0.	0.	0.	-3.6
145	145	990	SLU_ENV	Max	0.	0.	0.	-3.6
145	145	796	SLU_ENV	Max	0.	0.	0.	-3.6
145	145	595	SLU_ENV	Max	0.	0.	0.	-3.6
145	145	596	SLU_ENV	Min	0.	0.	0.	-16.77
145	145	990	SLU_ENV	Min	0.	0.	0.	-16.77
145	145	796	SLU_ENV	Min	0.	0.	0.	-16.77
145	145	595	SLU_ENV	Min	0.	0.	0.	-16.77
145	145	596	SLV_Ex		226.4735	22.8296	86.873	19.92
145	145	990	SLV_Ex		190.689	17.4659	88.002	19.92
145	145	796	SLV_Ex		200.7819	37.4701	88.26	19.92
145	145	595	SLV_Ex		236.3309	42.8428	87.029	19.92
146	146	595	SLU_ENV	Max	0.	0.	0.	3.02
146	146	796	SLU_ENV	Max	0.	0.	0.	3.02
146	146	795	SLU_ENV	Max	0.	0.	0.	3.02
146	146	115	SLU_ENV	Max	0.	0.	0.	3.02

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
146	146	595	SLU_ENV	Min	0.	0.	0.	-2.95
146	146	796	SLU_ENV	Min	0.	0.	0.	-2.95
146	146	795	SLU_ENV	Min	0.	0.	0.	-2.95
146	146	115	SLU_ENV	Min	0.	0.	0.	-2.95
146	146	595	SLV_Ex		227.1668	38.1963	87.485	5.88
146	146	796	SLV_Ex		208.7047	36.1843	87.773	5.88
146	146	795	SLV_Ex		211.3931	41.5933	88.138	5.88
146	146	115	SLV_Ex		229.843	43.5514	87.815	5.88
147	147	115	SLU_ENV	Max	0.	0.	0.	6.86
147	147	795	SLU_ENV	Max	0.	0.	0.	6.86
147	147	814	SLU_ENV	Max	0.	0.	0.	6.86
147	147	2	SLU_ENV	Max	0.	0.	0.	6.86
147	147	115	SLU_ENV	Min	0.	0.	0.	-0.69
147	147	795	SLU_ENV	Min	0.	0.	0.	-0.69
147	147	814	SLU_ENV	Min	0.	0.	0.	-0.69
147	147	2	SLU_ENV	Min	0.	0.	0.	-0.69
147	147	115	SLV_Ex		226.3341	41.8082	88.077	0.4
147	147	795	SLV_Ex		214.3817	40.7623	87.88	0.4
147	147	814	SLV_Ex		214.0528	41.3299	88.302	0.4
147	147	2	SLV_Ex		226.0679	42.282	88.476	0.4
148	148	2	SLU_ENV	Max	0.	0.	0.	8.67
148	148	814	SLU_ENV	Max	0.	0.	0.	8.67
148	148	829	SLU_ENV	Max	0.	0.	0.	8.67
148	148	30	SLU_ENV	Max	0.	0.	0.	8.67
148	148	2	SLU_ENV	Min	0.	0.	0.	5.058E-02
148	148	814	SLU_ENV	Min	0.	0.	0.	5.058E-02
148	148	829	SLU_ENV	Min	0.	0.	0.	5.058E-02
148	148	30	SLU_ENV	Min	0.	0.	0.	5.058E-02
148	148	2	SLV_Ex		223.784	41.3413	88.532	0.13
148	148	814	SLV_Ex		216.1884	41.5263	88.254	0.13
148	148	829	SLV_Ex		215.2455	41.7899	88.786	0.13
148	148	30	SLV_Ex		222.9256	41.5186	89.043	0.13
149	149	30	SLU_ENV	Max	0.	0.	0.	8.97
149	149	829	SLU_ENV	Max	0.	0.	0.	8.97
149	149	844	SLU_ENV	Max	0.	0.	0.	8.97
149	149	57	SLU_ENV	Max	0.	0.	0.	8.97
149	149	30	SLU_ENV	Min	0.	0.	0.	7.627E-02
149	149	829	SLU_ENV	Min	0.	0.	0.	7.627E-02
149	149	844	SLU_ENV	Min	0.	0.	0.	7.627E-02
149	149	57	SLU_ENV	Min	0.	0.	0.	7.627E-02
149	149	30	SLV_Ex		222.1872	41.9509	89.088	-0.3
149	149	829	SLV_Ex		216.1772	42.3157	88.739	-0.3
149	149	844	SLV_Ex		214.772	42.0616	89.228	-0.3
149	149	57	SLV_Ex		220.8475	41.638	89.562	-0.3
150	150	881	SLU_ENV	Max	0.	0.	0.	249.02
150	150	896	SLU_ENV	Max	0.	0.	0.	249.02
150	150	897	SLU_ENV	Max	0.	0.	0.	249.02
150	150	882	SLU_ENV	Max	0.	0.	0.	249.02
150	150	881	SLU_ENV	Min	0.	0.	0.	61.22
150	150	896	SLU_ENV	Min	0.	0.	0.	61.22
150	150	897	SLU_ENV	Min	0.	0.	0.	61.22
150	150	882	SLU_ENV	Min	0.	0.	0.	61.22
150	150	881	SLV_Ex		-118.3041	-597.272	89.983	264.96
150	150	896	SLV_Ex		-119.8026	-597.6261	89.927	264.96

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
150	150	897	SLV_Ex		-62.1509	-305.9172	89.848	264.96
150	150	882	SLV_Ex		-60.6298	-305.589	89.958	264.96
151	151	882	SLU_ENV	Max	0.	0.	0.	180.67
151	151	897	SLU_ENV	Max	0.	0.	0.	180.67
151	151	898	SLU_ENV	Max	0.	0.	0.	180.67
151	151	883	SLU_ENV	Max	0.	0.	0.	180.67
151	151	882	SLU_ENV	Min	0.	0.	0.	43.19
151	151	897	SLU_ENV	Min	0.	0.	0.	43.19
151	151	898	SLU_ENV	Min	0.	0.	0.	43.19
151	151	883	SLU_ENV	Min	0.	0.	0.	43.19
151	151	882	SLV_Ex		-61.0076	-306.9306	89.94	216.07
151	151	897	SLV_Ex		-62.0681	-306.0486	89.868	216.07
151	151	898	SLV_Ex		-19.2373	-89.7515	-89.776	216.07
151	151	883	SLV_Ex		-18.1588	-90.6592	-89.541	216.07
152	152	883	SLU_ENV	Max	0.	0.	0.	111.04
152	152	898	SLU_ENV	Max	0.	0.	0.	111.04
152	152	899	SLU_ENV	Max	0.	0.	0.	111.04
152	152	884	SLU_ENV	Max	0.	0.	0.	111.04
152	152	883	SLU_ENV	Min	0.	0.	0.	25.95
152	152	898	SLU_ENV	Min	0.	0.	0.	25.95
152	152	899	SLU_ENV	Min	0.	0.	0.	25.95
152	152	884	SLU_ENV	Min	0.	0.	0.	25.95
152	152	883	SLV_Ex		-18.4784	-91.6698	-89.726	169.12
152	152	898	SLV_Ex		-19.3689	-90.9938	-89.597	169.12
152	152	899	SLV_Ex		78.3395	14.5474	-1.052	169.12
152	152	884	SLV_Ex		77.6142	15.4762	-0.938	169.12
153	153	884	SLU_ENV	Max	0.	0.	0.	37.25
153	153	899	SLU_ENV	Max	0.	0.	0.	37.25
153	153	900	SLU_ENV	Max	0.	0.	0.	37.25
153	153	885	SLU_ENV	Max	0.	0.	0.	37.25
153	153	884	SLU_ENV	Min	0.	0.	0.	8.65
153	153	899	SLU_ENV	Min	0.	0.	0.	8.65
153	153	900	SLU_ENV	Min	0.	0.	0.	8.65
153	153	885	SLU_ENV	Min	0.	0.	0.	8.65
153	153	884	SLV_Ex		76.2964	15.2253	-0.867	122.12
153	153	899	SLV_Ex		76.7495	14.2149	-1.161	122.12
153	153	900	SLV_Ex		199.0026	38.9847	-0.632	122.12
153	153	885	SLV_Ex		198.5269	40.0123	-0.514	122.12
154	154	885	SLU_ENV	Max	0.	0.	0.	-8.66
154	154	900	SLU_ENV	Max	0.	0.	0.	-8.66
154	154	901	SLU_ENV	Max	0.	0.	0.	-8.66
154	154	886	SLU_ENV	Max	0.	0.	0.	-8.66
154	154	885	SLU_ENV	Min	0.	0.	0.	-37.26
154	154	900	SLU_ENV	Min	0.	0.	0.	-37.26
154	154	901	SLU_ENV	Min	0.	0.	0.	-37.26
154	154	886	SLU_ENV	Min	0.	0.	0.	-37.26
154	154	885	SLV_Ex		197.7062	39.8939	-0.478	75.31
154	154	900	SLV_Ex		197.072	38.5518	-0.676	75.31
154	154	901	SLV_Ex		272.4578	54.2054	-0.418	75.31
154	154	886	SLV_Ex		273.076	55.5605	-0.273	75.31
155	155	886	SLU_ENV	Max	0.	0.	0.	-25.95
155	155	901	SLU_ENV	Max	0.	0.	0.	-25.95
155	155	902	SLU_ENV	Max	0.	0.	0.	-25.95
155	155	887	SLU_ENV	Max	0.	0.	0.	-25.95

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
155	155	886	SLU_ENV	Min	0.	0.	0.	-111.05
155	155	901	SLU_ENV	Min	0.	0.	0.	-111.05
155	155	902	SLU_ENV	Min	0.	0.	0.	-111.05
155	155	887	SLU_ENV	Min	0.	0.	0.	-111.05
155	155	886	SLV_Ex		272.679	55.5283	-0.308	28.73
155	155	901	SLV_Ex		271.1732	53.9018	-0.387	28.73
155	155	902	SLV_Ex		299.9272	59.9791	-0.136	28.73
155	155	887	SLV_Ex		301.4366	61.6034	-0.064	28.73
156	156	887	SLU_ENV	Max	0.	0.	0.	-43.19
156	156	902	SLU_ENV	Max	0.	0.	0.	-43.19
156	156	903	SLU_ENV	Max	0.	0.	0.	-43.19
156	156	888	SLU_ENV	Max	0.	0.	0.	-43.19
156	156	887	SLU_ENV	Min	0.	0.	0.	-180.68
156	156	902	SLU_ENV	Min	0.	0.	0.	-180.68
156	156	903	SLU_ENV	Min	0.	0.	0.	-180.68
156	156	888	SLU_ENV	Min	0.	0.	0.	-180.68
156	156	887	SLV_Ex		301.8453	61.6089	-0.14	-17.56
156	156	902	SLV_Ex		299.8993	60.0497	-0.06	-17.56
156	156	903	SLV_Ex		282.3149	56.1748	0.251	-17.56
156	156	888	SLV_Ex		284.2693	57.7259	0.165	-17.56
157	157	888	SLU_ENV	Max	0.	0.	0.	-61.22
157	157	903	SLU_ENV	Max	0.	0.	0.	-61.22
157	157	904	SLU_ENV	Max	0.	0.	0.	-61.22
157	157	889	SLU_ENV	Max	0.	0.	0.	-61.22
157	157	888	SLU_ENV	Min	0.	0.	0.	-249.02
157	157	903	SLU_ENV	Min	0.	0.	0.	-249.02
157	157	904	SLU_ENV	Min	0.	0.	0.	-249.02
157	157	889	SLU_ENV	Min	0.	0.	0.	-249.02
157	157	888	SLV_Ex		284.811	57.4325	0.103	-66.15
157	157	903	SLV_Ex		284.0569	56.9235	0.311	-66.15
157	157	904	SLV_Ex		211.2425	41.4009	0.604	-66.15
157	157	889	SLV_Ex		212.0014	41.891	0.325	-66.15
158	158	57	SLU_ENV	Max	0.	0.	0.	8.38
158	158	844	SLU_ENV	Max	0.	0.	0.	8.38
158	158	859	SLU_ENV	Max	0.	0.	0.	8.38
158	158	84	SLU_ENV	Max	0.	0.	0.	8.38
158	158	57	SLU_ENV	Min	0.	0.	0.	4.549E-02
158	158	844	SLU_ENV	Min	0.	0.	0.	4.549E-02
158	158	859	SLU_ENV	Min	0.	0.	0.	4.549E-02
158	158	84	SLU_ENV	Min	0.	0.	0.	4.549E-02
158	158	57	SLV_Ex		220.7422	42.3428	89.518	-0.35
158	158	844	SLV_Ex		215.0758	42.3587	89.275	-0.35
158	158	859	SLV_Ex		214.0557	42.0103	89.633	-0.35
158	158	84	SLV_Ex		219.7687	41.9559	89.866	-0.35
159	159	84	SLU_ENV	Max	0.	0.	0.	7.66
159	159	859	SLU_ENV	Max	0.	0.	0.	7.66
159	159	874	SLU_ENV	Max	0.	0.	0.	7.66
159	159	111	SLU_ENV	Max	0.	0.	0.	7.66
159	159	84	SLU_ENV	Min	0.	0.	0.	-3.055E-02
159	159	859	SLU_ENV	Min	0.	0.	0.	-3.055E-02
159	159	874	SLU_ENV	Min	0.	0.	0.	-3.055E-02
159	159	111	SLU_ENV	Min	0.	0.	0.	-3.055E-02
159	159	84	SLV_Ex		219.8385	42.5384	89.839	-0.35
159	159	859	SLV_Ex		214.1603	42.3039	89.663	-0.35

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
159	159	874	SLV_Ex		213.4007	41.9207	89.94	-0.35
159	159	111	SLV_Ex		219.0876	42.1479	-89.893	-0.35
160	160	111	SLU_ENV	Max	0.	0.	0.	6.72
160	160	874	SLU_ENV	Max	0.	0.	0.	6.72
160	160	889	SLU_ENV	Max	0.	0.	0.	6.72
160	160	164	SLU_ENV	Max	0.	0.	0.	6.72
160	160	111	SLU_ENV	Min	0.	0.	0.	-0.16
160	160	874	SLU_ENV	Min	0.	0.	0.	-0.16
160	160	889	SLU_ENV	Min	0.	0.	0.	-0.16
160	160	164	SLU_ENV	Min	0.	0.	0.	-0.16
160	160	111	SLV_Ex		219.1357	42.4122	-89.961	-0.22
160	160	874	SLV_Ex		213.48	42.2979	-89.988	-0.22
160	160	889	SLV_Ex		213.3305	42.0506	-89.678	-0.22
160	160	164	SLV_Ex		218.9787	42.1695	-89.661	-0.22
161	161	164	SLU_ENV	Max	0.	0.	0.	5.58
161	161	889	SLU_ENV	Max	0.	0.	0.	5.58
161	161	904	SLU_ENV	Max	0.	0.	0.	5.58
161	161	191	SLU_ENV	Max	0.	0.	0.	5.58
161	161	164	SLU_ENV	Min	0.	0.	0.	-0.25
161	161	889	SLU_ENV	Min	0.	0.	0.	-0.25
161	161	904	SLU_ENV	Min	0.	0.	0.	-0.25
161	161	191	SLU_ENV	Min	0.	0.	0.	-0.25
161	161	164	SLV_Ex		218.9458	42.1712	-89.648	-0.44
161	161	889	SLV_Ex		213.3622	42.0418	-89.687	-0.44
161	161	904	SLV_Ex		213.101	41.534	-89.392	-0.44
161	161	191	SLV_Ex		218.6472	41.6909	-89.362	-0.44
162	162	191	SLU_ENV	Max	0.	0.	0.	4.35
162	162	904	SLU_ENV	Max	0.	0.	0.	4.35
162	162	919	SLU_ENV	Max	0.	0.	0.	4.35
162	162	218	SLU_ENV	Max	0.	0.	0.	4.35
162	162	191	SLU_ENV	Min	0.	0.	0.	-5.125E-02
162	162	904	SLU_ENV	Min	0.	0.	0.	-5.125E-02
162	162	919	SLU_ENV	Min	0.	0.	0.	-5.125E-02
162	162	218	SLU_ENV	Min	0.	0.	0.	-5.125E-02
162	162	191	SLV_Ex		218.9022	42.1121	-89.342	-1.4
162	162	904	SLV_Ex		213.0709	42.235	-89.408	-1.4
162	162	919	SLV_Ex		212.4662	40.6484	-89.027	-1.4
162	162	218	SLV_Ex		218.2578	40.5593	-88.973	-1.4
163	163	218	SLU_ENV	Max	0.	0.	0.	4.23
163	163	919	SLU_ENV	Max	0.	0.	0.	4.23
163	163	934	SLU_ENV	Max	0.	0.	0.	4.23
163	163	245	SLU_ENV	Max	0.	0.	0.	4.23
163	163	218	SLU_ENV	Min	0.	0.	0.	0.61
163	163	919	SLU_ENV	Min	0.	0.	0.	0.61
163	163	934	SLU_ENV	Min	0.	0.	0.	0.61
163	163	245	SLU_ENV	Min	0.	0.	0.	0.61
163	163	218	SLV_Ex		219.4292	41.3392	-88.694	-4.68
163	163	919	SLV_Ex		211.6736	41.6992	-89.311	-4.68
163	163	934	SLV_Ex		208.0396	36.4764	-88.762	-4.68
163	163	245	SLV_Ex		215.8285	36.1067	-88.175	-4.68
164	164	245	SLU_ENV	Max	0.	0.	0.	10.28
164	164	934	SLU_ENV	Max	0.	0.	0.	10.28
164	164	949	SLU_ENV	Max	0.	0.	0.	10.28
164	164	272	SLU_ENV	Max	0.	0.	0.	10.28

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
164	164	245	SLU_ENV	Min	0.	0.	0.	2.99
164	164	934	SLU_ENV	Min	0.	0.	0.	2.99
164	164	949	SLU_ENV	Min	0.	0.	0.	2.99
164	164	272	SLU_ENV	Min	0.	0.	0.	2.99
164	164	245	SLV_Ex		223.4484	40.3551	-87.619	-16.06
164	164	934	SLV_Ex		201.7153	38.2641	-89.365	-16.06
164	164	949	SLV_Ex		190.4908	20.5217	-88.8	-16.06
164	164	272	SLV_Ex		212.534	22.5361	-87.177	-16.06
165	165	272	SLU_ENV	Max	0.	0.	0.	25.68
165	165	949	SLU_ENV	Max	0.	0.	0.	25.68
165	165	964	SLU_ENV	Max	0.	0.	0.	25.68
165	165	299	SLU_ENV	Max	0.	0.	0.	25.68
165	165	272	SLU_ENV	Min	0.	0.	0.	7.56
165	165	949	SLU_ENV	Min	0.	0.	0.	7.56
165	165	964	SLU_ENV	Min	0.	0.	0.	7.56
165	165	299	SLU_ENV	Min	0.	0.	0.	7.56
165	165	272	SLV_Ex		236.5322	26.1253	-86.034	-21.2
165	165	949	SLV_Ex		167.5144	19.1031	89.357	-21.2
165	165	964	SLV_Ex		141.1161	-4.2309	-88.584	-21.2
165	165	299	SLV_Ex		211.8219	1.834	-84.572	-21.2
166	166	896	SLU_ENV	Max	0.	0.	0.	237.29
166	166	911	SLU_ENV	Max	0.	0.	0.	237.29
166	166	912	SLU_ENV	Max	0.	0.	0.	237.29
166	166	897	SLU_ENV	Max	0.	0.	0.	237.29
166	166	896	SLU_ENV	Min	0.	0.	0.	61.02
166	166	911	SLU_ENV	Min	0.	0.	0.	61.02
166	166	912	SLU_ENV	Min	0.	0.	0.	61.02
166	166	897	SLU_ENV	Min	0.	0.	0.	61.02
166	166	896	SLV_Ex		-118.9642	-598.1006	89.925	266.21
166	166	911	SLV_Ex		-121.9417	-598.9534	89.875	266.21
166	166	912	SLV_Ex		-63.9365	-305.8637	89.707	266.21
166	166	897	SLV_Ex		-60.9544	-305.0371	89.806	266.21
167	167	897	SLU_ENV	Max	0.	0.	0.	170.89
167	167	912	SLU_ENV	Max	0.	0.	0.	170.89
167	167	913	SLU_ENV	Max	0.	0.	0.	170.89
167	167	898	SLU_ENV	Max	0.	0.	0.	170.89
167	167	897	SLU_ENV	Min	0.	0.	0.	43.2
167	167	912	SLU_ENV	Min	0.	0.	0.	43.2
167	167	913	SLU_ENV	Min	0.	0.	0.	43.2
167	167	898	SLU_ENV	Min	0.	0.	0.	43.2
167	167	897	SLV_Ex		-61.9011	-306.3215	89.849	216.65
167	167	912	SLV_Ex		-63.1742	-305.5073	89.662	216.65
167	167	913	SLV_Ex		-20.7756	-88.5978	89.507	216.65
167	167	898	SLV_Ex		-19.451	-89.4879	-89.833	216.65
168	168	898	SLU_ENV	Max	0.	0.	0.	104.17
168	168	913	SLU_ENV	Max	0.	0.	0.	104.17
168	168	914	SLU_ENV	Max	0.	0.	0.	104.17
168	168	899	SLU_ENV	Max	0.	0.	0.	104.17
168	168	898	SLU_ENV	Min	0.	0.	0.	26.01
168	168	913	SLU_ENV	Min	0.	0.	0.	26.01
168	168	914	SLU_ENV	Min	0.	0.	0.	26.01
168	168	899	SLU_ENV	Min	0.	0.	0.	26.01
168	168	898	SLV_Ex		-19.9205	-91.1204	-89.964	169.09
168	168	913	SLV_Ex		-20.7976	-89.4049	89.646	169.09

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
168	168	914	SLV_Ex		79.9045	12.4296	-0.884	169.09
168	168	899	SLV_Ex		78.1357	13.3432	-1.335	169.09
169	169	899	SLU_ENV	Max	0.	0.	0.	35.01
169	169	914	SLU_ENV	Max	0.	0.	0.	35.01
169	169	915	SLU_ENV	Max	0.	0.	0.	35.01
169	169	900	SLU_ENV	Max	0.	0.	0.	35.01
169	169	899	SLU_ENV	Min	0.	0.	0.	8.69
169	169	914	SLU_ENV	Min	0.	0.	0.	8.69
169	169	915	SLU_ENV	Min	0.	0.	0.	8.69
169	169	900	SLU_ENV	Min	0.	0.	0.	8.69
169	169	899	SLV_Ex		76.6811	13.1059	-1.009	121.84
169	169	914	SLV_Ex		77.3429	11.864	-1.253	121.84
169	169	915	SLV_Ex		199.3378	36.5237	-0.754	121.84
169	169	900	SLV_Ex		198.6101	37.8171	-0.652	121.84
170	170	900	SLU_ENV	Max	0.	0.	0.	-8.69
170	170	915	SLU_ENV	Max	0.	0.	0.	-8.69
170	170	916	SLU_ENV	Max	0.	0.	0.	-8.69
170	170	901	SLU_ENV	Max	0.	0.	0.	-8.69
170	170	900	SLU_ENV	Min	0.	0.	0.	-35.02
170	170	915	SLU_ENV	Min	0.	0.	0.	-35.02
170	170	916	SLU_ENV	Min	0.	0.	0.	-35.02
170	170	901	SLU_ENV	Min	0.	0.	0.	-35.02
170	170	900	SLV_Ex		197.1439	37.7033	-0.633	74.82
170	170	915	SLV_Ex		196.6034	35.7962	-0.789	74.82
170	170	916	SLV_Ex		271.5042	51.2289	-0.546	74.82
170	170	901	SLV_Ex		272.0068	53.1689	-0.432	74.82
171	171	901	SLU_ENV	Max	0.	0.	0.	-26.01
171	171	916	SLU_ENV	Max	0.	0.	0.	-26.01
171	171	917	SLU_ENV	Max	0.	0.	0.	-26.01
171	171	902	SLU_ENV	Max	0.	0.	0.	-26.01
171	171	901	SLU_ENV	Min	0.	0.	0.	-104.17
171	171	916	SLU_ENV	Min	0.	0.	0.	-104.17
171	171	917	SLU_ENV	Min	0.	0.	0.	-104.17
171	171	902	SLU_ENV	Min	0.	0.	0.	-104.17
171	171	901	SLV_Ex		271.3259	53.3127	-0.394	28.28
171	171	916	SLV_Ex		269.4886	50.5445	-0.591	28.28
171	171	917	SLV_Ex		297.7796	57.033	-0.303	28.28
171	171	902	SLV_Ex		299.6215	59.8021	-0.123	28.28
172	172	902	SLU_ENV	Max	0.	0.	0.	-43.2
172	172	917	SLU_ENV	Max	0.	0.	0.	-43.2
172	172	918	SLU_ENV	Max	0.	0.	0.	-43.2
172	172	903	SLU_ENV	Max	0.	0.	0.	-43.2
172	172	902	SLU_ENV	Min	0.	0.	0.	-170.9
172	172	917	SLU_ENV	Min	0.	0.	0.	-170.9
172	172	918	SLU_ENV	Min	0.	0.	0.	-170.9
172	172	903	SLU_ENV	Min	0.	0.	0.	-170.9
172	172	902	SLV_Ex		299.8868	60.0097	-0.132	-17.35
172	172	917	SLV_Ex		296.834	56.6894	-0.298	-17.35
172	172	918	SLV_Ex		279.4454	54.0027	0.148	-17.35
172	172	903	SLV_Ex		282.5462	57.2851	0.326	-17.35
173	173	903	SLU_ENV	Max	0.	0.	0.	-61.02
173	173	918	SLU_ENV	Max	0.	0.	0.	-61.02
173	173	919	SLU_ENV	Max	0.	0.	0.	-61.02
173	173	904	SLU_ENV	Max	0.	0.	0.	-61.02

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
173	173	903	SLU_ENV	Min	0.	0.	0.	-237.3
173	173	918	SLU_ENV	Min	0.	0.	0.	-237.3
173	173	919	SLU_ENV	Min	0.	0.	0.	-237.3
173	173	904	SLU_ENV	Min	0.	0.	0.	-237.3
173	173	903	SLV_Ex		283.1178	56.9007	0.198	-64.29
173	173	918	SLV_Ex		281.0313	54.8197	0.272	-64.29
173	173	919	SLV_Ex		210.2669	40.3361	0.839	-64.29
173	173	904	SLV_Ex		212.3776	42.3709	0.74	-64.29
180	180	750	SLU_ENV	Max	0.	0.	0.	26.02
180	180	749	SLU_ENV	Max	0.	0.	0.	26.02
180	180	733	SLU_ENV	Max	0.	0.	0.	26.02
180	180	734	SLU_ENV	Max	0.	0.	0.	26.02
180	180	750	SLU_ENV	Min	0.	0.	0.	7.06
180	180	749	SLU_ENV	Min	0.	0.	0.	7.06
180	180	733	SLU_ENV	Min	0.	0.	0.	7.06
180	180	734	SLU_ENV	Min	0.	0.	0.	7.06
180	180	750	SLV_Ex		-48.3499	-479.4109	-1.726	-18.85
180	180	749	SLV_Ex		-16.7333	-284.1314	-1.346	-18.85
180	180	733	SLV_Ex		-35.869	-295.5444	-0.055	-18.85
180	180	734	SLV_Ex		-67.3737	-491.1771	-0.939	-18.85
181	181	734	SLU_ENV	Max	0.	0.	0.	16.29
181	181	733	SLU_ENV	Max	0.	0.	0.	16.29
181	181	717	SLU_ENV	Max	0.	0.	0.	16.29
181	181	718	SLU_ENV	Max	0.	0.	0.	16.29
181	181	734	SLU_ENV	Min	0.	0.	0.	3.18
181	181	733	SLU_ENV	Min	0.	0.	0.	3.18
181	181	717	SLU_ENV	Min	0.	0.	0.	3.18
181	181	718	SLU_ENV	Min	0.	0.	0.	3.18
181	181	734	SLV_Ex		-98.7789	-503.3218	-0.349	-0.8
181	181	733	SLV_Ex		-56.0237	-293.6956	-1.087	-0.8
181	181	717	SLV_Ex		-56.7792	-291.4595	-1.275	-0.8
181	181	718	SLV_Ex		-99.5938	-501.0128	-0.453	-0.8
182	182	911	SLU_ENV	Max	0.	0.	0.	230.01
182	182	926	SLU_ENV	Max	0.	0.	0.	230.01
182	182	927	SLU_ENV	Max	0.	0.	0.	230.01
182	182	912	SLU_ENV	Max	0.	0.	0.	230.01
182	182	911	SLU_ENV	Min	0.	0.	0.	61.04
182	182	926	SLU_ENV	Min	0.	0.	0.	61.04
182	182	927	SLU_ENV	Min	0.	0.	0.	61.04
182	182	912	SLU_ENV	Min	0.	0.	0.	61.04
182	182	911	SLV_Ex		-117.7205	-600.0531	89.924	269.52
182	182	926	SLV_Ex		-120.9053	-602.1787	89.644	269.52
182	182	927	SLV_Ex		-64.4674	-305.4717	89.008	269.52
182	182	912	SLV_Ex		-61.2809	-303.3958	89.569	269.52
183	183	912	SLU_ENV	Max	0.	0.	0.	165.55
183	183	927	SLU_ENV	Max	0.	0.	0.	165.55
183	183	928	SLU_ENV	Max	0.	0.	0.	165.55
183	183	913	SLU_ENV	Max	0.	0.	0.	165.55
183	183	912	SLU_ENV	Min	0.	0.	0.	43.52
183	183	927	SLU_ENV	Min	0.	0.	0.	43.52
183	183	928	SLU_ENV	Min	0.	0.	0.	43.52
183	183	913	SLU_ENV	Min	0.	0.	0.	43.52
183	183	912	SLV_Ex		-62.8654	-305.7725	89.453	217.27
183	183	927	SLV_Ex		-62.7923	-302.5978	89.121	217.27

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
183	183	928	SLV_Ex		-20.9341	-85.0326	88.915	217.27
183	183	913	SLV_Ex		-20.9285	-88.3121	-89.875	217.27
184	184	913	SLU_ENV	Max	0.	0.	0.	100.65
184	184	928	SLU_ENV	Max	0.	0.	0.	100.65
184	184	929	SLU_ENV	Max	0.	0.	0.	100.65
184	184	914	SLU_ENV	Max	0.	0.	0.	100.65
184	184	913	SLU_ENV	Min	0.	0.	0.	26.27
184	184	928	SLU_ENV	Min	0.	0.	0.	26.27
184	184	929	SLU_ENV	Min	0.	0.	0.	26.27
184	184	914	SLU_ENV	Min	0.	0.	0.	26.27
184	184	913	SLV_Ex		-21.2458	-89.3304	89.813	168.83
184	184	928	SLV_Ex		-21.4707	-88.2136	89.268	168.83
184	184	929	SLV_Ex		80.8697	11.5117	-0.079	168.83
184	184	914	SLV_Ex		79.6156	11.8442	-0.614	168.83
185	185	914	SLU_ENV	Max	0.	0.	0.	33.76
185	185	929	SLU_ENV	Max	0.	0.	0.	33.76
185	185	930	SLU_ENV	Max	0.	0.	0.	33.76
185	185	915	SLU_ENV	Max	0.	0.	0.	33.76
185	185	914	SLU_ENV	Min	0.	0.	0.	8.77
185	185	929	SLU_ENV	Min	0.	0.	0.	8.77
185	185	930	SLU_ENV	Min	0.	0.	0.	8.77
185	185	915	SLU_ENV	Min	0.	0.	0.	8.77
185	185	914	SLV_Ex		77.5068	11.6473	-1.31	120.98
185	185	929	SLV_Ex		77.8248	10.6375	0.585	120.98
185	185	930	SLV_Ex		198.9984	32.3643	0.069	120.98
185	185	915	SLV_Ex		198.5245	33.4992	-0.691	120.98
186	186	915	SLU_ENV	Max	0.	0.	0.	-8.77
186	186	930	SLU_ENV	Max	0.	0.	0.	-8.77
186	186	931	SLU_ENV	Max	0.	0.	0.	-8.77
186	186	916	SLU_ENV	Max	0.	0.	0.	-8.77
186	186	915	SLU_ENV	Min	0.	0.	0.	-33.77
186	186	930	SLU_ENV	Min	0.	0.	0.	-33.77
186	186	931	SLU_ENV	Min	0.	0.	0.	-33.77
186	186	916	SLU_ENV	Min	0.	0.	0.	-33.77
186	186	915	SLV_Ex		196.6289	33.7164	-0.511	73.58
186	186	930	SLV_Ex		197.9267	31.5663	-0.119	73.58
186	186	931	SLV_Ex		271.6428	45.0071	-0.432	73.58
186	186	916	SLV_Ex		270.2604	47.2294	-0.723	73.58
187	187	916	SLU_ENV	Max	0.	0.	0.	-26.27
187	187	931	SLU_ENV	Max	0.	0.	0.	-26.27
187	187	932	SLU_ENV	Max	0.	0.	0.	-26.27
187	187	917	SLU_ENV	Max	0.	0.	0.	-26.27
187	187	916	SLU_ENV	Min	0.	0.	0.	-100.66
187	187	931	SLU_ENV	Min	0.	0.	0.	-100.66
187	187	932	SLU_ENV	Min	0.	0.	0.	-100.66
187	187	917	SLU_ENV	Min	0.	0.	0.	-100.66
187	187	916	SLV_Ex		269.7386	47.9088	-0.416	26.76
187	187	931	SLV_Ex		269.3301	43.7591	-0.745	26.76
187	187	932	SLV_Ex		296.1186	50.5384	-0.752	26.76
187	187	917	SLV_Ex		296.5321	54.7014	-0.451	26.76
188	188	917	SLU_ENV	Max	0.	0.	0.	-43.52
188	188	932	SLU_ENV	Max	0.	0.	0.	-43.52
188	188	933	SLU_ENV	Max	0.	0.	0.	-43.52
188	188	918	SLU_ENV	Max	0.	0.	0.	-43.52

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
188	188	917	SLU_ENV	Min	0.	0.	0.	-165.56
188	188	932	SLU_ENV	Min	0.	0.	0.	-165.56
188	188	933	SLU_ENV	Min	0.	0.	0.	-165.56
188	188	918	SLU_ENV	Min	0.	0.	0.	-165.56
188	188	917	SLV_Ex		297.4336	55.831	-0.33	-18.64
188	188	932	SLV_Ex		293.3967	49.0348	-0.879	-18.64
188	188	933	SLV_Ex		274.6491	47.9497	-0.414	-18.64
188	188	918	SLV_Ex		278.8091	54.6634	0.184	-18.64
189	189	918	SLU_ENV	Max	0.	0.	0.	-61.04
189	189	933	SLU_ENV	Max	0.	0.	0.	-61.04
189	189	934	SLU_ENV	Max	0.	0.	0.	-61.04
189	189	919	SLU_ENV	Max	0.	0.	0.	-61.04
189	189	918	SLU_ENV	Min	0.	0.	0.	-230.01
189	189	933	SLU_ENV	Min	0.	0.	0.	-230.01
189	189	934	SLU_ENV	Min	0.	0.	0.	-230.01
189	189	919	SLU_ENV	Min	0.	0.	0.	-230.01
189	189	918	SLV_Ex		280.2292	55.1517	0.024	-62.41
189	189	933	SLV_Ex		274.818	47.7906	-0.259	-62.41
189	189	934	SLV_Ex		206.0924	35.4502	0.774	-62.41
189	189	919	SLV_Ex		211.6352	42.6661	1.164	-62.41
190	190	718	SLU_ENV	Max	0.	0.	0.	9.21
190	190	717	SLU_ENV	Max	0.	0.	0.	9.21
190	190	330	SLU_ENV	Max	0.	0.	0.	9.21
190	190	331	SLU_ENV	Max	0.	0.	0.	9.21
190	190	718	SLU_ENV	Min	0.	0.	0.	1.37
190	190	717	SLU_ENV	Min	0.	0.	0.	1.37
190	190	330	SLU_ENV	Min	0.	0.	0.	1.37
190	190	331	SLU_ENV	Min	0.	0.	0.	1.37
190	190	718	SLV_Ex		-99.27	-499.9032	-0.43	4.36
190	190	717	SLV_Ex		-61.2588	-293.4006	-1.297	4.36
190	190	330	SLV_Ex		-57.3885	-290.1384	-0.687	4.36
190	190	331	SLV_Ex		-95.393	-496.6355	-0.077	4.36
191	191	331	SLU_ENV	Max	0.	0.	0.	5.4
191	191	330	SLU_ENV	Max	0.	0.	0.	5.4
191	191	348	SLU_ENV	Max	0.	0.	0.	5.4
191	191	349	SLU_ENV	Max	0.	0.	0.	5.4
191	191	331	SLU_ENV	Min	0.	0.	0.	0.5
191	191	330	SLU_ENV	Min	0.	0.	0.	0.5
191	191	348	SLU_ENV	Min	0.	0.	0.	0.5
191	191	349	SLU_ENV	Min	0.	0.	0.	0.5
191	191	331	SLV_Ex		-100.2536	-495.9802	-0.12	3.9
191	191	330	SLV_Ex		-60.6705	-292.4122	-0.584	3.9
191	191	348	SLV_Ex		-56.3705	-289.5697	-0.346	3.9
191	191	349	SLV_Ex		-95.9933	-493.0551	0.017	3.9
192	192	349	SLU_ENV	Max	0.	0.	0.	3.95
192	192	348	SLU_ENV	Max	0.	0.	0.	3.95
192	192	366	SLU_ENV	Max	0.	0.	0.	3.95
192	192	367	SLU_ENV	Max	0.	0.	0.	3.95
192	192	349	SLU_ENV	Min	0.	0.	0.	0.15
192	192	348	SLU_ENV	Min	0.	0.	0.	0.15
192	192	366	SLU_ENV	Min	0.	0.	0.	0.15
192	192	367	SLU_ENV	Min	0.	0.	0.	0.15
192	192	349	SLV_Ex		-97.8548	-492.7972	-2.340E-03	1.96
192	192	348	SLV_Ex		-58.3422	-290.5906	-0.279	1.96

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
192	192	366	SLV_Ex		-56.175	-288.7017	-0.09	1.96
192	192	367	SLV_Ex		-95.7093	-490.8765	0.109	1.96
193	193	367	SLU_ENV	Max	0.	0.	0.	3.56
193	193	366	SLU_ENV	Max	0.	0.	0.	3.56
193	193	384	SLU_ENV	Max	0.	0.	0.	3.56
193	193	385	SLU_ENV	Max	0.	0.	0.	3.56
193	193	367	SLU_ENV	Min	0.	0.	0.	4.312E-02
193	193	366	SLU_ENV	Min	0.	0.	0.	4.312E-02
193	193	384	SLU_ENV	Min	0.	0.	0.	4.312E-02
193	193	385	SLU_ENV	Min	0.	0.	0.	4.312E-02
193	193	367	SLV_Ex		-97.9585	-491.1539	0.107	1.41
193	193	366	SLV_Ex		-57.5403	-289.1468	-0.049	1.41
193	193	384	SLV_Ex		-55.9756	-287.6336	-0.075	1.41
193	193	385	SLV_Ex		-96.4241	-489.5963	0.091	1.41
194	194	385	SLU_ENV	Max	0.	0.	0.	3.4
194	194	384	SLU_ENV	Max	0.	0.	0.	3.4
194	194	402	SLU_ENV	Max	0.	0.	0.	3.4
194	194	403	SLU_ENV	Max	0.	0.	0.	3.4
194	194	385	SLU_ENV	Min	0.	0.	0.	2.684E-02
194	194	384	SLU_ENV	Min	0.	0.	0.	2.684E-02
194	194	402	SLU_ENV	Min	0.	0.	0.	2.684E-02
194	194	403	SLU_ENV	Min	0.	0.	0.	2.684E-02
194	194	385	SLV_Ex		-97.1864	-489.6255	0.099	0.81
194	194	384	SLV_Ex		-56.8575	-287.9332	-0.054	0.81
194	194	402	SLV_Ex		-55.9636	-286.582	-0.072	0.81
194	194	403	SLV_Ex		-96.3035	-488.2588	0.089	0.81
195	195	403	SLU_ENV	Max	0.	0.	0.	3.16
195	195	402	SLU_ENV	Max	0.	0.	0.	3.16
195	195	420	SLU_ENV	Max	0.	0.	0.	3.16
195	195	421	SLU_ENV	Max	0.	0.	0.	3.16
195	195	403	SLU_ENV	Min	0.	0.	0.	1.473E-02
195	195	402	SLU_ENV	Min	0.	0.	0.	1.473E-02
195	195	420	SLU_ENV	Min	0.	0.	0.	1.473E-02
195	195	421	SLU_ENV	Min	0.	0.	0.	1.473E-02
195	195	403	SLV_Ex		-96.8339	-488.2555	0.079	0.53
195	195	402	SLV_Ex		-56.5442	-286.8069	-0.019	0.53
195	195	420	SLV_Ex		-55.9534	-285.8833	-0.04	0.53
195	195	421	SLV_Ex		-96.2563	-487.3109	0.067	0.53
196	196	421	SLU_ENV	Max	0.	0.	0.	2.77
196	196	420	SLU_ENV	Max	0.	0.	0.	2.77
196	196	438	SLU_ENV	Max	0.	0.	0.	2.77
196	196	439	SLU_ENV	Max	0.	0.	0.	2.77
196	196	421	SLU_ENV	Min	0.	0.	0.	-2.651E-02
196	196	420	SLU_ENV	Min	0.	0.	0.	-2.651E-02
196	196	438	SLU_ENV	Min	0.	0.	0.	-2.651E-02
196	196	439	SLU_ENV	Min	0.	0.	0.	-2.651E-02
196	196	421	SLV_Ex		-96.6985	-487.299	0.073	1.551E-03
196	196	420	SLV_Ex		-56.2711	-286.0472	-0.014	1.551E-03
196	196	438	SLV_Ex		-56.2725	-285.3136	-0.072	1.551E-03
196	196	439	SLV_Ex		-96.6938	-486.5736	0.039	1.551E-03
197	197	439	SLU_ENV	Max	0.	0.	0.	2.19
197	197	438	SLU_ENV	Max	0.	0.	0.	2.19
197	197	456	SLU_ENV	Max	0.	0.	0.	2.19
197	197	457	SLU_ENV	Max	0.	0.	0.	2.19

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
197	197	439	SLU_ENV	Min	0.	0.	0.	-0.28
197	197	438	SLU_ENV	Min	0.	0.	0.	-0.28
197	197	456	SLU_ENV	Min	0.	0.	0.	-0.28
197	197	457	SLU_ENV	Min	0.	0.	0.	-0.28
197	197	439	SLV_Ex		-95.7319	-486.3758	0.039	-0.41
197	197	438	SLV_Ex		-56.1501	-285.2942	-0.036	-0.41
197	197	456	SLV_Ex		-56.6022	-284.8404	0.092	-0.41
197	197	457	SLV_Ex		-96.1787	-485.927	0.115	-0.41
198	198	926	SLU_ENV	Max	0.	0.	0.	230.13
198	198	941	SLU_ENV	Max	0.	0.	0.	230.13
198	198	942	SLU_ENV	Max	0.	0.	0.	230.13
198	198	927	SLU_ENV	Max	0.	0.	0.	230.13
198	198	926	SLU_ENV	Min	0.	0.	0.	62.66
198	198	941	SLU_ENV	Min	0.	0.	0.	62.66
198	198	942	SLU_ENV	Min	0.	0.	0.	62.66
198	198	927	SLU_ENV	Min	0.	0.	0.	62.66
198	198	926	SLV_Ex		-120.5826	-603.7793	89.467	273.46
198	198	941	SLV_Ex		-116.0188	-600.9131	89.609	273.46
198	198	942	SLV_Ex		-54.505	-299.8472	89.603	273.46
198	198	927	SLV_Ex		-59.092	-302.7136	89.321	273.46
199	199	927	SLU_ENV	Max	0.	0.	0.	164.14
199	199	942	SLU_ENV	Max	0.	0.	0.	164.14
199	199	943	SLU_ENV	Max	0.	0.	0.	164.14
199	199	928	SLU_ENV	Max	0.	0.	0.	164.14
199	199	927	SLU_ENV	Min	0.	0.	0.	44.45
199	199	942	SLU_ENV	Min	0.	0.	0.	44.45
199	199	943	SLU_ENV	Min	0.	0.	0.	44.45
199	199	928	SLU_ENV	Min	0.	0.	0.	44.45
199	199	927	SLV_Ex		-58.6854	-300.8142	89.509	215.7
199	199	942	SLV_Ex		-54.8273	-301.3136	89.409	215.7
199	199	943	SLV_Ex		-12.1681	-85.4646	87.31	215.7
199	199	928	SLV_Ex		-15.9241	-85.0722	87.537	215.7
200	200	928	SLU_ENV	Max	0.	0.	0.	99.14
200	200	943	SLU_ENV	Max	0.	0.	0.	99.14
200	200	944	SLU_ENV	Max	0.	0.	0.	99.14
200	200	929	SLU_ENV	Max	0.	0.	0.	99.14
200	200	928	SLU_ENV	Min	0.	0.	0.	26.67
200	200	943	SLU_ENV	Min	0.	0.	0.	26.67
200	200	944	SLU_ENV	Min	0.	0.	0.	26.67
200	200	929	SLU_ENV	Min	0.	0.	0.	26.67
200	200	928	SLV_Ex		-15.333	-86.8198	-89.432	167.14
200	200	943	SLV_Ex		-13.6424	-90.464	84.638	167.14
200	200	944	SLV_Ex		78.9726	9.0863	7.814	167.14
200	200	929	SLV_Ex		80.3627	9.5803	1.261	167.14
201	201	929	SLU_ENV	Max	0.	0.	0.	33.13
201	201	944	SLU_ENV	Max	0.	0.	0.	33.13
201	201	945	SLU_ENV	Max	0.	0.	0.	33.13
201	201	930	SLU_ENV	Max	0.	0.	0.	33.13
201	201	929	SLU_ENV	Min	0.	0.	0.	8.88
201	201	944	SLU_ENV	Min	0.	0.	0.	8.88
201	201	945	SLU_ENV	Min	0.	0.	0.	8.88
201	201	930	SLU_ENV	Min	0.	0.	0.	8.88
201	201	929	SLV_Ex		78.0915	10.1355	1.313	119.27
201	201	944	SLV_Ex		81.9323	8.7422	7.447	119.27

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
201	201	945	SLV_Ex		200.5272	24.8268	2.366	119.27
201	201	930	SLV_Ex		197.3042	25.5453	-0.2	119.27
202	202	930	SLU_ENV	Max	0.	0.	0.	-8.88
202	202	945	SLU_ENV	Max	0.	0.	0.	-8.88
202	202	946	SLU_ENV	Max	0.	0.	0.	-8.88
202	202	931	SLU_ENV	Max	0.	0.	0.	-8.88
202	202	930	SLU_ENV	Min	0.	0.	0.	-33.14
202	202	945	SLU_ENV	Min	0.	0.	0.	-33.14
202	202	946	SLU_ENV	Min	0.	0.	0.	-33.14
202	202	931	SLU_ENV	Min	0.	0.	0.	-33.14
202	202	930	SLV_Ex		197.5787	26.4844	0.283	71.49
202	202	945	SLV_Ex		202.1779	24.4038	1.865	71.49
202	202	946	SLV_Ex		273.654	33.4015	0.495	71.49
202	202	931	SLV_Ex		269.0882	35.4223	-0.701	71.49
203	203	931	SLU_ENV	Max	0.	0.	0.	-26.67
203	203	946	SLU_ENV	Max	0.	0.	0.	-26.67
203	203	947	SLU_ENV	Max	0.	0.	0.	-26.67
203	203	932	SLU_ENV	Max	0.	0.	0.	-26.67
203	203	931	SLU_ENV	Min	0.	0.	0.	-99.15
203	203	946	SLU_ENV	Min	0.	0.	0.	-99.15
203	203	947	SLU_ENV	Min	0.	0.	0.	-99.15
203	203	932	SLU_ENV	Min	0.	0.	0.	-99.15
203	203	931	SLV_Ex		269.2339	36.8359	-0.141	23.62
203	203	946	SLV_Ex		274.9116	32.3301	-0.055	23.62
203	203	947	SLV_Ex		298.6751	36.5515	-1.143	23.62
203	203	932	SLV_Ex		292.9922	41.0839	-1.267	23.62
204	204	932	SLU_ENV	Max	0.	0.	0.	-44.45
204	204	947	SLU_ENV	Max	0.	0.	0.	-44.45
204	204	948	SLU_ENV	Max	0.	0.	0.	-44.45
204	204	933	SLU_ENV	Max	0.	0.	0.	-44.45
204	204	932	SLU_ENV	Min	0.	0.	0.	-164.15
204	204	947	SLU_ENV	Min	0.	0.	0.	-164.15
204	204	948	SLU_ENV	Min	0.	0.	0.	-164.15
204	204	933	SLU_ENV	Min	0.	0.	0.	-164.15
204	204	932	SLV_Ex		295.2442	44.0364	-0.569	-24.02
204	204	947	SLV_Ex		293.9819	33.0339	-1.832	-24.02
204	204	948	SLV_Ex		269.8953	34.6013	-2.131	-24.02
204	204	933	SLV_Ex		271.315	45.5598	-0.735	-24.02
205	205	933	SLU_ENV	Max	0.	0.	0.	-62.66
205	205	948	SLU_ENV	Max	0.	0.	0.	-62.66
205	205	949	SLU_ENV	Max	0.	0.	0.	-62.66
205	205	934	SLU_ENV	Max	0.	0.	0.	-62.66
205	205	933	SLU_ENV	Min	0.	0.	0.	-230.14
205	205	948	SLU_ENV	Min	0.	0.	0.	-230.14
205	205	949	SLU_ENV	Min	0.	0.	0.	-230.14
205	205	934	SLU_ENV	Min	0.	0.	0.	-230.14
205	205	933	SLV_Ex		278.7738	51.6767	-0.914	-67.75
205	205	948	SLV_Ex		264.4446	28.9221	-1.957	-67.75
205	205	949	SLV_Ex		189.4444	19.6842	0.155	-67.75
205	205	934	SLV_Ex		204.4112	41.9264	1.721	-67.75
206	206	457	SLU_ENV	Max	0.	0.	0.	1.45
206	206	456	SLU_ENV	Max	0.	0.	0.	1.45
206	206	474	SLU_ENV	Max	0.	0.	0.	1.45
206	206	475	SLU_ENV	Max	0.	0.	0.	1.45

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
206	206	457	SLU_ENV	Min	0.	0.	0.	-1.02
206	206	456	SLU_ENV	Min	0.	0.	0.	-1.02
206	206	474	SLU_ENV	Min	0.	0.	0.	-1.02
206	206	475	SLU_ENV	Min	0.	0.	0.	-1.02
206	206	457	SLV_Ex		-96.2051	-485.9675	0.114	-1.26
206	206	456	SLV_Ex		-56.2996	-284.7453	0.128	-1.26
206	206	474	SLV_Ex		-57.7029	-284.6505	0.194	-1.26
206	206	475	SLV_Ex		-97.5735	-485.9236	0.152	-1.26
207	207	475	SLU_ENV	Max	0.	0.	0.	0.29
207	207	474	SLU_ENV	Max	0.	0.	0.	0.29
207	207	492	SLU_ENV	Max	0.	0.	0.	0.29
207	207	493	SLU_ENV	Max	0.	0.	0.	0.29
207	207	475	SLU_ENV	Min	0.	0.	0.	-3.13
207	207	474	SLU_ENV	Min	0.	0.	0.	-3.13
207	207	492	SLU_ENV	Min	0.	0.	0.	-3.13
207	207	493	SLU_ENV	Min	0.	0.	0.	-3.13
207	207	475	SLV_Ex		-93.0882	-485.7131	0.103	-2.04
207	207	474	SLV_Ex		-56.041	-283.6349	0.314	-2.04
207	207	492	SLV_Ex		-58.2288	-284.8487	1.083	-2.04
207	207	493	SLV_Ex		-95.2877	-486.9416	0.547	-2.04
208	208	493	SLU_ENV	Max	0.	0.	0.	-1.5
208	208	492	SLU_ENV	Max	0.	0.	0.	-1.5
208	208	510	SLU_ENV	Max	0.	0.	0.	-1.5
208	208	511	SLU_ENV	Max	0.	0.	0.	-1.5
208	208	493	SLU_ENV	Min	0.	0.	0.	-7.88
208	208	492	SLU_ENV	Min	0.	0.	0.	-7.88
208	208	510	SLU_ENV	Min	0.	0.	0.	-7.88
208	208	511	SLU_ENV	Min	0.	0.	0.	-7.88
208	208	493	SLV_Ex		-97.0279	-488.505	0.517	-0.68
208	208	492	SLV_Ex		-55.5483	-283.1089	1.169	-0.68
208	208	510	SLV_Ex		-56.3288	-284.673	1.077	-0.68
208	208	511	SLV_Ex		-97.7716	-490.1578	0.464	-0.68
209	209	511	SLU_ENV	Max	0.	0.	0.	-5.7
209	209	510	SLU_ENV	Max	0.	0.	0.	-5.7
209	209	528	SLU_ENV	Max	0.	0.	0.	-5.7
209	209	529	SLU_ENV	Max	0.	0.	0.	-5.7
209	209	511	SLU_ENV	Min	0.	0.	0.	-16.78
209	209	510	SLU_ENV	Min	0.	0.	0.	-16.78
209	209	528	SLU_ENV	Min	0.	0.	0.	-16.78
209	209	529	SLU_ENV	Min	0.	0.	0.	-16.78
209	209	511	SLV_Ex		-68.9219	-479.0919	1.041	17.39
209	209	510	SLV_Ex		-36.9431	-286.1271	0.056	17.39
209	209	528	SLV_Ex		-17.568	-273.1976	1.334	17.39
209	209	529	SLV_Ex		-49.5974	-465.766	1.813	17.39
210	210	749	SLU_ENV	Max	0.	0.	0.	4.8
210	210	748	SLU_ENV	Max	0.	0.	0.	4.8
210	210	732	SLU_ENV	Max	0.	0.	0.	4.8
210	210	733	SLU_ENV	Max	0.	0.	0.	4.8
210	210	749	SLU_ENV	Min	0.	0.	0.	1.1
210	210	748	SLU_ENV	Min	0.	0.	0.	1.1
210	210	732	SLU_ENV	Min	0.	0.	0.	1.1
210	210	733	SLU_ENV	Min	0.	0.	0.	1.1
210	210	749	SLV_Ex		-26.3248	-304.8955	-2.187	-0.51
210	210	748	SLV_Ex		1.1986	-119.8163	-14.286	-0.51

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	732	SLV_Ex		-4.049	-93.1869	-9.409	-0.51
210	210	733	SLV_Ex		-27.426	-282.4354	0.885	-0.51
211	211	733	SLU_ENV	Max	0.	0.	0.	8.71
211	211	732	SLU_ENV	Max	0.	0.	0.	8.71
211	211	716	SLU_ENV	Max	0.	0.	0.	8.71
211	211	717	SLU_ENV	Max	0.	0.	0.	8.71
211	211	733	SLU_ENV	Min	0.	0.	0.	1.88
211	211	732	SLU_ENV	Min	0.	0.	0.	1.88
211	211	716	SLU_ENV	Min	0.	0.	0.	1.88
211	211	717	SLU_ENV	Min	0.	0.	0.	1.88
211	211	733	SLV_Ex		-55.2356	-288.4005	-1.305	-0.63
211	211	732	SLV_Ex		-17.0866	-93.0125	-3.837	-0.63
211	211	716	SLV_Ex		-17.7751	-93.3636	-3.184	-0.63
211	211	717	SLV_Ex		-55.9593	-288.736	-1.091	-0.63
212	212	717	SLU_ENV	Max	0.	0.	0.	6.89
212	212	716	SLU_ENV	Max	0.	0.	0.	6.89
212	212	329	SLU_ENV	Max	0.	0.	0.	6.89
212	212	330	SLU_ENV	Max	0.	0.	0.	6.89
212	212	717	SLU_ENV	Min	0.	0.	0.	1.31
212	212	716	SLU_ENV	Min	0.	0.	0.	1.31
212	212	329	SLU_ENV	Min	0.	0.	0.	1.31
212	212	330	SLU_ENV	Min	0.	0.	0.	1.31
212	212	717	SLV_Ex		-59.7719	-290.1363	-1.244	1.61
212	212	716	SLV_Ex		-23.1805	-93.7639	-2.84	1.61
212	212	329	SLV_Ex		-21.7954	-95.0206	-1.211	1.61
212	212	330	SLV_Ex		-58.4694	-291.3501	-0.752	1.61
213	213	330	SLU_ENV	Max	0.	0.	0.	4.46
213	213	329	SLU_ENV	Max	0.	0.	0.	4.46
213	213	347	SLU_ENV	Max	0.	0.	0.	4.46
213	213	348	SLU_ENV	Max	0.	0.	0.	4.46
213	213	330	SLU_ENV	Min	0.	0.	0.	0.72
213	213	329	SLU_ENV	Min	0.	0.	0.	0.72
213	213	347	SLU_ENV	Min	0.	0.	0.	0.72
213	213	348	SLU_ENV	Min	0.	0.	0.	0.72
213	213	330	SLV_Ex		-59.7028	-291.1755	-0.586	2.15
213	213	329	SLV_Ex		-21.682	-95.4338	-1.645	2.15
213	213	347	SLV_Ex		-19.3275	-95.2915	-0.864	2.15
213	213	348	SLV_Ex		-57.3729	-290.9799	-0.343	2.15
214	214	941	SLU_ENV	Max	0.	0.	0.	238.17
214	214	956	SLU_ENV	Max	0.	0.	0.	238.17
214	214	957	SLU_ENV	Max	0.	0.	0.	238.17
214	214	942	SLU_ENV	Max	0.	0.	0.	238.17
214	214	941	SLU_ENV	Min	0.	0.	0.	61.25
214	214	956	SLU_ENV	Min	0.	0.	0.	61.25
214	214	957	SLU_ENV	Min	0.	0.	0.	61.25
214	214	942	SLU_ENV	Min	0.	0.	0.	61.25
214	214	941	SLV_Ex		-88.0263	-583.6065	89.542	249.09
214	214	956	SLV_Ex		-51.6002	-573.2192	88.715	249.09
214	214	957	SLV_Ex		-6.1847	-299.2031	88.236	249.09
214	214	942	SLV_Ex		-42.5431	-309.167	89.724	249.09
215	215	942	SLU_ENV	Max	0.	0.	0.	164.15
215	215	957	SLU_ENV	Max	0.	0.	0.	164.15
215	215	958	SLU_ENV	Max	0.	0.	0.	164.15
215	215	943	SLU_ENV	Max	0.	0.	0.	164.15

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
215	215	942	SLU_ENV	Min	0.	0.	0.	44.84
215	215	957	SLU_ENV	Min	0.	0.	0.	44.84
215	215	958	SLU_ENV	Min	0.	0.	0.	44.84
215	215	943	SLU_ENV	Min	0.	0.	0.	44.84
215	215	942	SLV_Ex		-26.4361	-294.3371	-89.022	208.96
215	215	957	SLV_Ex		-21.7368	-314.6377	87.063	208.96
215	215	958	SLV_Ex		5.9298	-112.6748	74.695	208.96
215	215	943	SLV_Ex		-4.468	-86.7694	82.51	208.96
216	216	943	SLU_ENV	Max	0.	0.	0.	98.26
216	216	958	SLU_ENV	Max	0.	0.	0.	98.26
216	216	959	SLU_ENV	Max	0.	0.	0.	98.26
216	216	944	SLU_ENV	Max	0.	0.	0.	98.26
216	216	943	SLU_ENV	Min	0.	0.	0.	26.88
216	216	958	SLU_ENV	Min	0.	0.	0.	26.88
216	216	959	SLU_ENV	Min	0.	0.	0.	26.88
216	216	944	SLU_ENV	Min	0.	0.	0.	26.88
216	216	943	SLV_Ex		-2.4334	-88.343	84.189	163.86
216	216	958	SLV_Ex		9.0775	-97.4376	71.412	163.86
216	216	959	SLV_Ex		89.4757	-6.6815	20.484	163.86
216	216	944	SLV_Ex		77.1433	3.1072	6.235	163.86
217	217	944	SLU_ENV	Max	0.	0.	0.	32.8
217	217	959	SLU_ENV	Max	0.	0.	0.	32.8
217	217	960	SLU_ENV	Max	0.	0.	0.	32.8
217	217	945	SLU_ENV	Max	0.	0.	0.	32.8
217	217	944	SLU_ENV	Min	0.	0.	0.	8.93
217	217	959	SLU_ENV	Min	0.	0.	0.	8.93
217	217	960	SLU_ENV	Min	0.	0.	0.	8.93
217	217	945	SLU_ENV	Min	0.	0.	0.	8.93
217	217	944	SLV_Ex		81.7122	4.1056	8.38	117.2
217	217	959	SLV_Ex		96.1967	-2.8846	17.426	117.2
217	217	960	SLV_Ex		207.482	7.9437	6.558	117.2
217	217	945	SLV_Ex		197.2976	10.5187	1.694	117.2
218	218	945	SLU_ENV	Max	0.	0.	0.	-8.93
218	218	960	SLU_ENV	Max	0.	0.	0.	-8.93
218	218	961	SLU_ENV	Max	0.	0.	0.	-8.93
218	218	946	SLU_ENV	Max	0.	0.	0.	-8.93
218	218	945	SLU_ENV	Min	0.	0.	0.	-32.8
218	218	960	SLU_ENV	Min	0.	0.	0.	-32.8
218	218	961	SLU_ENV	Min	0.	0.	0.	-32.8
218	218	946	SLU_ENV	Min	0.	0.	0.	-32.8
218	218	945	SLV_Ex		200.3832	11.5609	2.682	69.46
218	218	960	SLV_Ex		214.3955	9.5234	5.43	69.46
218	218	961	SLV_Ex		282.5703	13.3574	2.033	69.46
218	218	946	SLV_Ex		269.3589	14.532	-0.209	69.46
219	219	946	SLU_ENV	Max	0.	0.	0.	-26.88
219	219	961	SLU_ENV	Max	0.	0.	0.	-26.88
219	219	962	SLU_ENV	Max	0.	0.	0.	-26.88
219	219	947	SLU_ENV	Max	0.	0.	0.	-26.88
219	219	946	SLU_ENV	Min	0.	0.	0.	-98.26
219	219	961	SLU_ENV	Min	0.	0.	0.	-98.26
219	219	962	SLU_ENV	Min	0.	0.	0.	-98.26
219	219	947	SLU_ENV	Min	0.	0.	0.	-98.26
219	219	946	SLV_Ex		272.9437	16.0344	0.571	20.32
219	219	961	SLV_Ex		286.5165	13.5825	1.262	20.32

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
219	219	962	SLV_Ex		306.7945	13.9295	-0.89	20.32
219	219	947	SLV_Ex		293.4829	16.1363	-1.653	20.32
220	220	947	SLU_ENV	Max	0.	0.	0.	-44.84
220	220	962	SLU_ENV	Max	0.	0.	0.	-44.84
220	220	963	SLU_ENV	Max	0.	0.	0.	-44.84
220	220	948	SLU_ENV	Max	0.	0.	0.	-44.84
220	220	947	SLU_ENV	Min	0.	0.	0.	-164.15
220	220	962	SLU_ENV	Min	0.	0.	0.	-164.15
220	220	963	SLU_ENV	Min	0.	0.	0.	-164.15
220	220	948	SLU_ENV	Min	0.	0.	0.	-164.15
220	220	947	SLV_Ex		294.6945	18.9057	-0.451	-31.71
220	220	962	SLV_Ex		310.731	12.0943	-2.001	-31.71
220	220	963	SLV_Ex		280.5246	13.1637	-4.993	-31.71
220	220	948	SLV_Ex		263.9709	20.6044	-3.524	-31.71
221	221	948	SLU_ENV	Max	0.	0.	0.	-61.25
221	221	963	SLU_ENV	Max	0.	0.	0.	-61.25
221	221	964	SLU_ENV	Max	0.	0.	0.	-61.25
221	221	949	SLU_ENV	Max	0.	0.	0.	-61.25
221	221	948	SLU_ENV	Min	0.	0.	0.	-238.17
221	221	963	SLU_ENV	Min	0.	0.	0.	-238.17
221	221	964	SLU_ENV	Min	0.	0.	0.	-238.17
221	221	949	SLU_ENV	Min	0.	0.	0.	-238.17
221	221	948	SLV_Ex		282.5511	36.3522	-3.212	-97.2
221	221	963	SLV_Ex		252.6767	-4.6336	-5.466	-97.2
221	221	964	SLV_Ex		143.0793	-10.8857	-1.645	-97.2
221	221	949	SLV_Ex		175.4193	28.1062	2.416	-97.2
222	222	348	SLU_ENV	Max	0.	0.	0.	2.71
222	222	347	SLU_ENV	Max	0.	0.	0.	2.71
222	222	365	SLU_ENV	Max	0.	0.	0.	2.71
222	222	366	SLU_ENV	Max	0.	0.	0.	2.71
222	222	348	SLU_ENV	Min	0.	0.	0.	0.34
222	222	347	SLU_ENV	Min	0.	0.	0.	0.34
222	222	365	SLU_ENV	Min	0.	0.	0.	0.34
222	222	366	SLU_ENV	Min	0.	0.	0.	0.34
222	222	348	SLV_Ex		-58.2245	-290.6839	-0.244	1.57
222	222	347	SLV_Ex		-19.8728	-95.8725	-1.063	1.57
222	222	365	SLV_Ex		-18.1309	-94.9957	-0.691	1.57
222	222	366	SLV_Ex		-56.5209	-289.7452	-0.125	1.57
223	223	366	SLU_ENV	Max	0.	0.	0.	1.78
223	223	365	SLU_ENV	Max	0.	0.	0.	1.78
223	223	383	SLU_ENV	Max	0.	0.	0.	1.78
223	223	384	SLU_ENV	Max	0.	0.	0.	1.78
223	223	366	SLU_ENV	Min	0.	0.	0.	0.15
223	223	365	SLU_ENV	Min	0.	0.	0.	0.15
223	223	383	SLU_ENV	Min	0.	0.	0.	0.15
223	223	384	SLU_ENV	Min	0.	0.	0.	0.15
223	223	366	SLV_Ex		-57.4411	-289.6344	-0.067	1.02
223	223	365	SLV_Ex		-18.7189	-95.4103	-0.769	1.02
223	223	383	SLV_Ex		-17.5896	-94.1988	-0.734	1.02
223	223	384	SLV_Ex		-56.3256	-288.3996	-0.056	1.02
224	224	384	SLU_ENV	Max	0.	0.	0.	1.29
224	224	383	SLU_ENV	Max	0.	0.	0.	1.29
224	224	401	SLU_ENV	Max	0.	0.	0.	1.29
224	224	402	SLU_ENV	Max	0.	0.	0.	1.29

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
224	224	384	SLU_ENV	Min	0.	0.	0.	5.757E-02
224	224	383	SLU_ENV	Min	0.	0.	0.	5.757E-02
224	224	401	SLU_ENV	Min	0.	0.	0.	5.757E-02
224	224	402	SLU_ENV	Min	0.	0.	0.	5.757E-02
224	224	384	SLV_Ex		-56.8618	-288.3264	-0.068	0.59
224	224	383	SLV_Ex		-18.2229	-94.5007	-0.593	0.59
224	224	401	SLV_Ex		-17.5629	-93.7046	-0.563	0.59
224	224	402	SLV_Ex		-56.2217	-287.5005	-0.058	0.59
225	225	402	SLU_ENV	Max	0.	0.	0.	0.98
225	225	401	SLU_ENV	Max	0.	0.	0.	0.98
225	225	419	SLU_ENV	Max	0.	0.	0.	0.98
225	225	420	SLU_ENV	Max	0.	0.	0.	0.98
225	225	402	SLU_ENV	Min	0.	0.	0.	-3.112E-02
225	225	401	SLU_ENV	Min	0.	0.	0.	-3.112E-02
225	225	419	SLU_ENV	Min	0.	0.	0.	-3.112E-02
225	225	420	SLU_ENV	Min	0.	0.	0.	-3.112E-02
225	225	402	SLV_Ex		-56.5437	-287.4382	-0.033	0.29
225	225	401	SLV_Ex		-17.9423	-93.9061	-0.537	0.29
225	225	419	SLV_Ex		-17.6312	-93.0768	-0.514	0.29
225	225	420	SLV_Ex		-56.2265	-286.6147	-0.024	0.29
226	226	420	SLU_ENV	Max	0.	0.	0.	0.75
226	226	419	SLU_ENV	Max	0.	0.	0.	0.75
226	226	437	SLU_ENV	Max	0.	0.	0.	0.75
226	226	438	SLU_ENV	Max	0.	0.	0.	0.75
226	226	420	SLU_ENV	Min	0.	0.	0.	-0.28
226	226	419	SLU_ENV	Min	0.	0.	0.	-0.28
226	226	437	SLU_ENV	Min	0.	0.	0.	-0.28
226	226	438	SLU_ENV	Min	0.	0.	0.	-0.28
226	226	420	SLV_Ex		-56.3686	-286.5656	-0.04	-7.485E-02
226	226	419	SLV_Ex		-17.7455	-93.1735	-0.356	-7.485E-02
226	226	437	SLV_Ex		-17.8272	-92.7872	-0.372	-7.485E-02
226	226	438	SLV_Ex		-56.4515	-286.177	-0.045	-7.485E-02
227	227	438	SLU_ENV	Max	0.	0.	0.	0.43
227	227	437	SLU_ENV	Max	0.	0.	0.	0.43
227	227	455	SLU_ENV	Max	0.	0.	0.	0.43
227	227	456	SLU_ENV	Max	0.	0.	0.	0.43
227	227	438	SLU_ENV	Min	0.	0.	0.	-0.74
227	227	437	SLU_ENV	Min	0.	0.	0.	-0.74
227	227	455	SLU_ENV	Min	0.	0.	0.	-0.74
227	227	456	SLU_ENV	Min	0.	0.	0.	-0.74
227	227	438	SLV_Ex		-56.2824	-286.1403	3.263E-04	-0.47
227	227	437	SLV_Ex		-17.9184	-92.8089	-0.408	-0.47
227	227	455	SLV_Ex		-18.4547	-92.1817	-0.236	-0.47
227	227	456	SLV_Ex		-56.7834	-285.5595	0.058	-0.47
228	228	456	SLU_ENV	Max	0.	0.	0.	-2.640E-03
228	228	455	SLU_ENV	Max	0.	0.	0.	-2.640E-03
228	228	473	SLU_ENV	Max	0.	0.	0.	-2.640E-03
228	228	474	SLU_ENV	Max	0.	0.	0.	-2.640E-03
228	228	456	SLU_ENV	Min	0.	0.	0.	-1.66
228	228	455	SLU_ENV	Min	0.	0.	0.	-1.66
228	228	473	SLU_ENV	Min	0.	0.	0.	-1.66
228	228	474	SLU_ENV	Min	0.	0.	0.	-1.66
228	228	456	SLV_Ex		-56.586	-285.5804	0.106	-0.95
228	228	455	SLV_Ex		-18.423	-92.1161	-0.276	-0.95

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
228	228	473	SLV_Ex		-19.4837	-91.2742	0.064	-0.95
228	228	474	SLV_Ex		-57.6106	-284.7874	0.216	-0.95
229	229	474	SLU_ENV	Max	0.	0.	0.	-0.63
229	229	473	SLU_ENV	Max	0.	0.	0.	-0.63
229	229	491	SLU_ENV	Max	0.	0.	0.	-0.63
229	229	492	SLU_ENV	Max	0.	0.	0.	-0.63
229	229	474	SLU_ENV	Min	0.	0.	0.	-3.26
229	229	473	SLU_ENV	Min	0.	0.	0.	-3.26
229	229	491	SLU_ENV	Min	0.	0.	0.	-3.26
229	229	492	SLU_ENV	Min	0.	0.	0.	-3.26
229	229	474	SLV_Ex		-56.4736	-284.7216	0.382	-1.07
229	229	473	SLV_Ex		-20.5493	-91.3374	-0.369	-1.07
229	229	491	SLV_Ex		-21.722	-88.9567	1.744	-1.07
229	229	492	SLV_Ex		-57.5456	-282.4739	1.025	-1.07
230	230	492	SLU_ENV	Max	0.	0.	0.	-1.37
230	230	491	SLU_ENV	Max	0.	0.	0.	-1.37
230	230	509	SLU_ENV	Max	0.	0.	0.	-1.37
230	230	510	SLU_ENV	Max	0.	0.	0.	-1.37
230	230	492	SLU_ENV	Min	0.	0.	0.	-5.1
230	230	491	SLU_ENV	Min	0.	0.	0.	-5.1
230	230	509	SLU_ENV	Min	0.	0.	0.	-5.1
230	230	510	SLU_ENV	Min	0.	0.	0.	-5.1
230	230	492	SLV_Ex		-55.4915	-281.3882	1.045	0.54
230	230	491	SLV_Ex		-17.8019	-88.8513	1.696	0.54
230	230	509	SLV_Ex		-17.1845	-86.0924	2.331	0.54
230	230	510	SLV_Ex		-54.836	-278.6662	1.233	0.54
231	231	975	SLU_ENV	Max	0.	0.	0.	391.79
231	231	974	SLU_ENV	Max	0.	0.	0.	391.79
231	231	976	SLU_ENV	Max	0.	0.	0.	391.79
231	231	977	SLU_ENV	Max	0.	0.	0.	391.79
231	231	975	SLU_ENV	Min	0.	0.	0.	66.03
231	231	974	SLU_ENV	Min	0.	0.	0.	66.03
231	231	976	SLU_ENV	Min	0.	0.	0.	66.03
231	231	977	SLU_ENV	Min	0.	0.	0.	66.03
231	231	975	SLV_Ex		-48.0206	-575.3522	-88.912	243.57
231	231	974	SLV_Ex		-84.3042	-585.0824	-89.737	243.57
231	231	976	SLV_Ex		-40.9213	-316.773	89.997	243.57
231	231	977	SLV_Ex		-4.7209	-307.4249	-88.544	243.57
232	232	977	SLU_ENV	Max	0.	0.	0.	305.07
232	232	976	SLU_ENV	Max	0.	0.	0.	305.07
232	232	978	SLU_ENV	Max	0.	0.	0.	305.07
232	232	979	SLU_ENV	Max	0.	0.	0.	305.07
232	232	977	SLU_ENV	Min	0.	0.	0.	45.22
232	232	976	SLU_ENV	Min	0.	0.	0.	45.22
232	232	978	SLU_ENV	Min	0.	0.	0.	45.22
232	232	979	SLU_ENV	Min	0.	0.	0.	45.22
232	232	977	SLV_Ex		-21.0796	-321.4936	-87.442	207.48
232	232	976	SLV_Ex		-23.5119	-300.5496	88.841	207.48
232	232	978	SLV_Ex		-3.2335	-94.5076	-82.693	207.48
232	232	979	SLV_Ex		4.6154	-120.9055	-75.455	207.48
233	233	979	SLU_ENV	Max	0.	0.	0.	225.64
233	233	978	SLU_ENV	Max	0.	0.	0.	225.64
233	233	980	SLU_ENV	Max	0.	0.	0.	225.64
233	233	981	SLU_ENV	Max	0.	0.	0.	225.64

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	979	SLU_ENV	Min	0.	0.	0.	26.84
233	233	978	SLU_ENV	Min	0.	0.	0.	26.84
233	233	980	SLU_ENV	Min	0.	0.	0.	26.84
233	233	981	SLU_ENV	Min	0.	0.	0.	26.84
233	233	979	SLV_Ex		7.9785	-104.4316	-72.562	163.74
233	233	978	SLV_Ex		-1.3044	-95.0673	-83.91	163.74
233	233	980	SLV_Ex		71.0749	2.444	-8.421	163.74
233	233	981	SLV_Ex		82.8723	-9.4497	-22.106	163.74
234	234	981	SLU_ENV	Max	0.	0.	0.	40.23
234	234	980	SLU_ENV	Max	0.	0.	0.	40.23
234	234	982	SLU_ENV	Max	0.	0.	0.	40.23
234	234	983	SLU_ENV	Max	0.	0.	0.	40.23
234	234	981	SLU_ENV	Min	0.	0.	0.	8.92
234	234	980	SLU_ENV	Min	0.	0.	0.	8.92
234	234	982	SLU_ENV	Min	0.	0.	0.	8.92
234	234	983	SLU_ENV	Min	0.	0.	0.	8.92
234	234	981	SLV_Ex		89.2503	-5.3089	-18.992	118.15
234	234	980	SLV_Ex		76.2604	3.1764	-10.437	118.15
234	234	982	SLV_Ex		192.2498	9.7494	-2.568	118.15
234	234	983	SLV_Ex		200.779	5.7182	-7.197	118.15
235	235	983	SLU_ENV	Max	0.	0.	0.	-8.92
235	235	982	SLU_ENV	Max	0.	0.	0.	-8.92
235	235	984	SLU_ENV	Max	0.	0.	0.	-8.92
235	235	985	SLU_ENV	Max	0.	0.	0.	-8.92
235	235	983	SLU_ENV	Min	0.	0.	0.	-40.23
235	235	982	SLU_ENV	Min	0.	0.	0.	-40.23
235	235	984	SLU_ENV	Min	0.	0.	0.	-40.23
235	235	985	SLU_ENV	Min	0.	0.	0.	-40.23
235	235	983	SLV_Ex		207.1551	7.4019	-6.11	71.47
235	235	982	SLV_Ex		195.0705	10.4788	-3.496	71.47
235	235	984	SLV_Ex		265.7905	13.6809	-0.474	71.47
235	235	985	SLV_Ex		277.1086	11.3643	-2.59	71.47
236	236	985	SLU_ENV	Max	0.	0.	0.	-26.85
236	236	984	SLU_ENV	Max	0.	0.	0.	-26.85
236	236	986	SLU_ENV	Max	0.	0.	0.	-26.85
236	236	987	SLU_ENV	Max	0.	0.	0.	-26.85
236	236	985	SLU_ENV	Min	0.	0.	0.	-225.64
236	236	984	SLU_ENV	Min	0.	0.	0.	-225.64
236	236	986	SLU_ENV	Min	0.	0.	0.	-225.64
236	236	987	SLU_ENV	Min	0.	0.	0.	-225.64
236	236	985	SLV_Ex		279.9627	11.7144	-1.884	23.58
236	236	984	SLV_Ex		268.3636	14.611	-1.179	23.58
236	236	986	SLV_Ex		291.912	15.0611	0.987	23.58
236	236	987	SLV_Ex		303.2998	12.3638	0.231	23.58
237	237	987	SLU_ENV	Max	0.	0.	0.	-45.22
237	237	986	SLU_ENV	Max	0.	0.	0.	-45.22
237	237	988	SLU_ENV	Max	0.	0.	0.	-45.22
237	237	989	SLU_ENV	Max	0.	0.	0.	-45.22
237	237	987	SLU_ENV	Min	0.	0.	0.	-305.07
237	237	986	SLU_ENV	Min	0.	0.	0.	-305.07
237	237	988	SLU_ENV	Min	0.	0.	0.	-305.07
237	237	989	SLU_ENV	Min	0.	0.	0.	-305.07
237	237	987	SLV_Ex		305.946	11.181	1.298	-26.75
237	237	986	SLV_Ex		290.9201	16.4956	-0.144	-26.75

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
237	237	988	SLV_Ex		264.866	19.2933	2.919	-26.75
237	237	989	SLV_Ex		280.4309	13.4065	4.275	-26.75
238	238	989	SLU_ENV	Max	0.	0.	0.	-66.03
238	238	988	SLU_ENV	Max	0.	0.	0.	-66.03
238	238	990	SLU_ENV	Max	0.	0.	0.	-66.03
238	238	991	SLU_ENV	Max	0.	0.	0.	-66.03
238	238	989	SLU_ENV	Min	0.	0.	0.	-391.8
238	238	988	SLU_ENV	Min	0.	0.	0.	-391.8
238	238	990	SLU_ENV	Min	0.	0.	0.	-391.8
238	238	991	SLU_ENV	Min	0.	0.	0.	-391.8
238	238	989	SLV_Ex		251.4181	-3.1426	4.787	-90.62
238	238	988	SLV_Ex		278.2867	32.5237	2.623	-90.62
238	238	990	SLV_Ex		178.8203	25.577	-3.211	-90.62
238	238	991	SLV_Ex		149.5932	-7.9932	0.495	-90.62
239	239	510	SLU_ENV	Max	0.	0.	0.	-1.05
239	239	509	SLU_ENV	Max	0.	0.	0.	-1.05
239	239	527	SLU_ENV	Max	0.	0.	0.	-1.05
239	239	528	SLU_ENV	Max	0.	0.	0.	-1.05
239	239	510	SLU_ENV	Min	0.	0.	0.	-3.54
239	239	509	SLU_ENV	Min	0.	0.	0.	-3.54
239	239	527	SLU_ENV	Min	0.	0.	0.	-3.54
239	239	528	SLU_ENV	Min	0.	0.	0.	-3.54
239	239	510	SLV_Ex		-28.5998	-272.7027	-0.985	0.93
239	239	509	SLV_Ex		-5.1835	-86.3677	8.511	0.93
239	239	527	SLV_Ex		0.5478	-112.0514	14.106	0.93
239	239	528	SLV_Ex		-27.0311	-294.3178	2.261	0.93
240	240	748	SLU_ENV	Max	0.	0.	0.	2.3
240	240	747	SLU_ENV	Max	0.	0.	0.	2.3
240	240	731	SLU_ENV	Max	0.	0.	0.	2.3
240	240	732	SLU_ENV	Max	0.	0.	0.	2.3
240	240	748	SLU_ENV	Min	0.	0.	0.	0.54
240	240	747	SLU_ENV	Min	0.	0.	0.	0.54
240	240	731	SLU_ENV	Min	0.	0.	0.	0.54
240	240	732	SLU_ENV	Min	0.	0.	0.	0.54
240	240	748	SLV_Ex		6.4177	-106.2066	-18.444	0.15
240	240	747	SLV_Ex		100.4235	-9.4033	-70.92	0.15
240	240	731	SLV_Ex		89.674	1.6899	-83.661	0.15
240	240	732	SLV_Ex		-3.9756	-95.4839	-6.01	0.15
241	241	732	SLU_ENV	Max	0.	0.	0.	4.72
241	241	731	SLU_ENV	Max	0.	0.	0.	4.72
241	241	715	SLU_ENV	Max	0.	0.	0.	4.72
241	241	716	SLU_ENV	Max	0.	0.	0.	4.72
241	241	732	SLU_ENV	Min	0.	0.	0.	1.07
241	241	731	SLU_ENV	Min	0.	0.	0.	1.07
241	241	715	SLU_ENV	Min	0.	0.	0.	1.07
241	241	716	SLU_ENV	Min	0.	0.	0.	1.07
241	241	732	SLV_Ex		-18.0035	-97.8692	-6.146	1.55
241	241	731	SLV_Ex		90.873	7.4891	-82.641	1.55
241	241	715	SLV_Ex		92.2618	10.4697	-87.972	1.55
241	241	716	SLV_Ex		-17.5324	-93.9821	-0.602	1.55
242	242	716	SLU_ENV	Max	0.	0.	0.	4.3
242	242	715	SLU_ENV	Max	0.	0.	0.	4.3
242	242	328	SLU_ENV	Max	0.	0.	0.	4.3
242	242	329	SLU_ENV	Max	0.	0.	0.	4.3

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	716	SLU_ENV	Min	0.	0.	0.	1.02
242	242	715	SLU_ENV	Min	0.	0.	0.	1.02
242	242	328	SLU_ENV	Min	0.	0.	0.	1.02
242	242	329	SLU_ENV	Min	0.	0.	0.	1.02
242	242	716	SLV_Ex		-23.5234	-95.2308	-2.187	1.64
242	242	715	SLV_Ex		92.6268	13.1752	-89.366	1.64
242	242	328	SLV_Ex		90.8575	14.7369	-89.664	1.64
242	242	329	SLV_Ex		-22.1492	-96.8544	-1.767	1.64
243	243	329	SLU_ENV	Max	0.	0.	0.	2.64
243	243	328	SLU_ENV	Max	0.	0.	0.	2.64
243	243	346	SLU_ENV	Max	0.	0.	0.	2.64
243	243	347	SLU_ENV	Max	0.	0.	0.	2.64
243	243	329	SLU_ENV	Min	0.	0.	0.	0.72
243	243	328	SLU_ENV	Min	0.	0.	0.	0.72
243	243	346	SLU_ENV	Min	0.	0.	0.	0.72
243	243	347	SLU_ENV	Min	0.	0.	0.	0.72
243	243	329	SLV_Ex		-21.6083	-96.6796	-1.244	1.47
243	243	328	SLV_Ex		91.0507	15.7587	-89.24	1.47
243	243	346	SLV_Ex		90.4844	17.4213	-89.212	1.47
243	243	347	SLV_Ex		-20.028	-97.1321	-1.216	1.47
244	244	347	SLU_ENV	Max	0.	0.	0.	1.21
244	244	346	SLU_ENV	Max	0.	0.	0.	1.21
244	244	364	SLU_ENV	Max	0.	0.	0.	1.21
244	244	365	SLU_ENV	Max	0.	0.	0.	1.21
244	244	347	SLU_ENV	Min	0.	0.	0.	9.295E-02
244	244	346	SLU_ENV	Min	0.	0.	0.	9.295E-02
244	244	364	SLU_ENV	Min	0.	0.	0.	9.295E-02
244	244	365	SLU_ENV	Min	0.	0.	0.	9.295E-02
244	244	347	SLV_Ex		-19.7636	-96.8087	-0.836	1.
244	244	346	SLV_Ex		90.2875	17.6027	-88.904	1.
244	244	364	SLV_Ex		90.841	18.7127	-88.829	1.
244	244	365	SLV_Ex		-18.6745	-96.2188	-0.892	1.
245	245	365	SLU_ENV	Max	0.	0.	0.	0.59
245	245	364	SLU_ENV	Max	0.	0.	0.	0.59
245	245	382	SLU_ENV	Max	0.	0.	0.	0.59
245	245	383	SLU_ENV	Max	0.	0.	0.	0.59
245	245	365	SLU_ENV	Min	0.	0.	0.	-0.62
245	245	364	SLU_ENV	Min	0.	0.	0.	-0.62
245	245	382	SLU_ENV	Min	0.	0.	0.	-0.62
245	245	383	SLU_ENV	Min	0.	0.	0.	-0.62
245	245	365	SLV_Ex		-18.6111	-95.9297	-0.8	0.56
245	245	364	SLV_Ex		90.4999	18.369	-88.836	0.56
245	245	382	SLV_Ex		91.1036	19.0045	-88.95	0.56
245	245	383	SLV_Ex		-18.0156	-95.2702	-0.693	0.56
246	246	383	SLU_ENV	Max	0.	0.	0.	0.22
246	246	382	SLU_ENV	Max	0.	0.	0.	0.22
246	246	400	SLU_ENV	Max	0.	0.	0.	0.22
246	246	401	SLU_ENV	Max	0.	0.	0.	0.22
246	246	383	SLU_ENV	Min	0.	0.	0.	-0.97
246	246	382	SLU_ENV	Min	0.	0.	0.	-0.97
246	246	400	SLU_ENV	Min	0.	0.	0.	-0.97
246	246	401	SLU_ENV	Min	0.	0.	0.	-0.97
246	246	383	SLV_Ex		-18.1767	-95.0722	-0.618	0.29
246	246	382	SLV_Ex		90.8249	18.7529	-88.969	0.29

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
246	246	400	SLV_Ex		91.4985	19.0746	-89.074	0.29
246	246	401	SLV_Ex		-17.8605	-94.3896	-0.527	0.29
247	247	974	SLU_ENV	Max	0.	0.	0.	377.09
247	247	780	SLU_ENV	Max	0.	0.	0.	377.09
247	247	782	SLU_ENV	Max	0.	0.	0.	377.09
247	247	976	SLU_ENV	Max	0.	0.	0.	377.09
247	247	974	SLU_ENV	Min	0.	0.	0.	62.99
247	247	780	SLU_ENV	Min	0.	0.	0.	62.99
247	247	782	SLU_ENV	Min	0.	0.	0.	62.99
247	247	976	SLU_ENV	Min	0.	0.	0.	62.99
247	247	974	SLV_Ex		-112.3378	-604.0037	-89.789	271.19
247	247	780	SLV_Ex		-119.9186	-607.2435	-89.644	271.19
247	247	782	SLV_Ex		-58.7479	-308.7103	-89.663	271.19
247	247	976	SLV_Ex		-51.1587	-305.5016	-89.942	271.19
248	248	976	SLU_ENV	Max	0.	0.	0.	302.09
248	248	782	SLU_ENV	Max	0.	0.	0.	302.09
248	248	784	SLU_ENV	Max	0.	0.	0.	302.09
248	248	978	SLU_ENV	Max	0.	0.	0.	302.09
248	248	976	SLU_ENV	Min	0.	0.	0.	44.58
248	248	782	SLU_ENV	Min	0.	0.	0.	44.58
248	248	784	SLU_ENV	Min	0.	0.	0.	44.58
248	248	978	SLU_ENV	Min	0.	0.	0.	44.58
248	248	976	SLV_Ex		-53.2258	-307.5018	-89.673	213.9
248	248	782	SLV_Ex		-56.2361	-304.4856	-89.927	213.9
248	248	784	SLV_Ex		-14.6401	-90.6159	-87.548	213.9
248	248	978	SLV_Ex		-11.7238	-93.581	-86.926	213.9
249	249	978	SLU_ENV	Max	0.	0.	0.	249.34
249	249	784	SLU_ENV	Max	0.	0.	0.	249.34
249	249	786	SLU_ENV	Max	0.	0.	0.	249.34
249	249	980	SLU_ENV	Max	0.	0.	0.	249.34
249	249	978	SLU_ENV	Min	0.	0.	0.	26.7
249	249	784	SLU_ENV	Min	0.	0.	0.	26.7
249	249	786	SLU_ENV	Min	0.	0.	0.	26.7
249	249	980	SLU_ENV	Min	0.	0.	0.	26.7
249	249	978	SLV_Ex		-13.3181	-97.1974	-84.405	166.69
249	249	784	SLV_Ex		-13.5185	-91.9179	89.651	166.69
249	249	786	SLV_Ex		74.8976	9.4662	-2.631	166.69
249	249	980	SLV_Ex		72.7003	6.5691	-10.284	166.69
250	250	980	SLU_ENV	Max	0.	0.	0.	31.73
250	250	786	SLU_ENV	Max	0.	0.	0.	31.73
250	250	788	SLU_ENV	Max	0.	0.	0.	31.73
250	250	982	SLU_ENV	Max	0.	0.	0.	31.73
250	250	980	SLU_ENV	Min	0.	0.	0.	-7.14
250	250	786	SLU_ENV	Min	0.	0.	0.	-7.14
250	250	788	SLU_ENV	Min	0.	0.	0.	-7.14
250	250	982	SLU_ENV	Min	0.	0.	0.	-7.14
250	250	980	SLV_Ex		76.2626	6.5197	-9.489	119.82
250	250	786	SLV_Ex		73.2215	10.1093	-2.971	119.82
250	250	788	SLV_Ex		192.8571	24.6499	-0.587	119.82
250	250	982	SLV_Ex		194.9841	21.9631	-3.252	119.82
251	251	982	SLU_ENV	Max	0.	0.	0.	7.14
251	251	788	SLU_ENV	Max	0.	0.	0.	7.14
251	251	790	SLU_ENV	Max	0.	0.	0.	7.14
251	251	984	SLU_ENV	Max	0.	0.	0.	7.14

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
251	251	982	SLU_ENV	Min	0.	0.	0.	-31.73
251	251	788	SLU_ENV	Min	0.	0.	0.	-31.73
251	251	790	SLU_ENV	Min	0.	0.	0.	-31.73
251	251	984	SLU_ENV	Min	0.	0.	0.	-31.73
251	251	982	SLV_Ex		196.7312	21.7902	-2.731	72.9
251	251	788	SLV_Ex		193.1158	25.3645	-1.085	72.9
251	251	790	SLV_Ex		265.9333	33.901	0.045	72.9
251	251	984	SLV_Ex		269.4871	30.3763	-1.191	72.9
252	252	984	SLU_ENV	Max	0.	0.	0.	-26.7
252	252	790	SLU_ENV	Max	0.	0.	0.	-26.7
252	252	792	SLU_ENV	Max	0.	0.	0.	-26.7
252	252	986	SLU_ENV	Max	0.	0.	0.	-26.7
252	252	984	SLU_ENV	Min	0.	0.	0.	-249.34
252	252	790	SLU_ENV	Min	0.	0.	0.	-249.34
252	252	792	SLU_ENV	Min	0.	0.	0.	-249.34
252	252	986	SLU_ENV	Min	0.	0.	0.	-249.34
252	252	984	SLV_Ex		270.5371	29.6605	-0.653	25.79
252	252	790	SLV_Ex		265.5004	34.8057	-0.5	25.79
252	252	792	SLV_Ex		291.3083	39.0852	0.692	25.79
252	252	986	SLV_Ex		296.353	33.9115	0.505	25.79
253	253	986	SLU_ENV	Max	0.	0.	0.	-44.58
253	253	792	SLU_ENV	Max	0.	0.	0.	-44.58
253	253	794	SLU_ENV	Max	0.	0.	0.	-44.58
253	253	988	SLU_ENV	Max	0.	0.	0.	-44.58
253	253	986	SLU_ENV	Min	0.	0.	0.	-302.1
253	253	792	SLU_ENV	Min	0.	0.	0.	-302.1
253	253	794	SLU_ENV	Min	0.	0.	0.	-302.1
253	253	988	SLU_ENV	Min	0.	0.	0.	-302.1
253	253	986	SLV_Ex		291.2852	30.866	1.209	-21.48
253	253	792	SLV_Ex		292.1681	41.2185	-0.022	-21.48
253	253	794	SLV_Ex		270.7579	43.5754	0.174	-21.48
253	253	988	SLV_Ex		269.7485	33.2929	1.523	-21.48
254	254	988	SLU_ENV	Max	0.	0.	0.	-62.99
254	254	794	SLU_ENV	Max	0.	0.	0.	-62.99
254	254	796	SLU_ENV	Max	0.	0.	0.	-62.99
254	254	990	SLU_ENV	Max	0.	0.	0.	-62.99
254	254	988	SLU_ENV	Min	0.	0.	0.	-377.1
254	254	794	SLU_ENV	Min	0.	0.	0.	-377.1
254	254	796	SLU_ENV	Min	0.	0.	0.	-377.1
254	254	990	SLU_ENV	Min	0.	0.	0.	-377.1
254	254	988	SLV_Ex		262.9042	27.6232	1.419	-65.04
254	254	794	SLV_Ex		276.6602	49.0793	0.296	-65.04
254	254	796	SLV_Ex		205.5615	40.4507	-2.711	-65.04
254	254	990	SLV_Ex		191.0885	19.6663	-1.054	-65.04
255	255	401	SLU_ENV	Max	0.	0.	0.	-1.882E-02
255	255	400	SLU_ENV	Max	0.	0.	0.	-1.882E-02
255	255	418	SLU_ENV	Max	0.	0.	0.	-1.882E-02
255	255	419	SLU_ENV	Max	0.	0.	0.	-1.882E-02
255	255	401	SLU_ENV	Min	0.	0.	0.	-1.14
255	255	400	SLU_ENV	Min	0.	0.	0.	-1.14
255	255	418	SLU_ENV	Min	0.	0.	0.	-1.14
255	255	419	SLU_ENV	Min	0.	0.	0.	-1.14
255	255	401	SLV_Ex		-17.9445	-94.2645	-0.568	6.935E-02
255	255	400	SLV_Ex		91.3207	18.9351	-89.224	6.935E-02

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
255	255	418	SLV_Ex		91.6215	19.0187	-89.323	6.935E-02
255	255	419	SLV_Ex		-17.8744	-93.9455	-0.478	6.935E-02
256	256	419	SLU_ENV	Max	0.	0.	0.	-0.12
256	256	418	SLU_ENV	Max	0.	0.	0.	-0.12
256	256	436	SLU_ENV	Max	0.	0.	0.	-0.12
256	256	437	SLU_ENV	Max	0.	0.	0.	-0.12
256	256	419	SLU_ENV	Min	0.	0.	0.	-1.39
256	256	418	SLU_ENV	Min	0.	0.	0.	-1.39
256	256	436	SLU_ENV	Min	0.	0.	0.	-1.39
256	256	437	SLU_ENV	Min	0.	0.	0.	-1.39
256	256	419	SLV_Ex		-17.8668	-93.8849	-0.414	-0.14
256	256	418	SLV_Ex		91.5558	18.9839	-89.357	-0.14
256	256	436	SLV_Ex		91.8878	18.8264	-89.478	-0.14
256	256	437	SLV_Ex		-18.0063	-93.5782	-0.304	-0.14
257	257	437	SLU_ENV	Max	0.	0.	0.	-0.3
257	257	436	SLU_ENV	Max	0.	0.	0.	-0.3
257	257	454	SLU_ENV	Max	0.	0.	0.	-0.3
257	257	455	SLU_ENV	Max	0.	0.	0.	-0.3
257	257	437	SLU_ENV	Min	0.	0.	0.	-1.78
257	257	436	SLU_ENV	Min	0.	0.	0.	-1.78
257	257	454	SLU_ENV	Min	0.	0.	0.	-1.78
257	257	455	SLU_ENV	Min	0.	0.	0.	-1.78
257	257	437	SLV_Ex		-18.1388	-93.5941	-0.283	-0.47
257	257	436	SLV_Ex		91.9092	18.9955	-89.563	-0.47
257	257	454	SLV_Ex		92.0605	18.4668	-89.492	-0.47
257	257	455	SLV_Ex		-18.6488	-93.4678	-0.359	-0.47
258	258	455	SLU_ENV	Max	0.	0.	0.	-0.58
258	258	454	SLU_ENV	Max	0.	0.	0.	-0.58
258	258	472	SLU_ENV	Max	0.	0.	0.	-0.58
258	258	473	SLU_ENV	Max	0.	0.	0.	-0.58
258	258	455	SLU_ENV	Min	0.	0.	0.	-2.42
258	258	454	SLU_ENV	Min	0.	0.	0.	-2.42
258	258	472	SLU_ENV	Min	0.	0.	0.	-2.42
258	258	473	SLU_ENV	Min	0.	0.	0.	-2.42
258	258	455	SLV_Ex		-18.7563	-93.4857	-0.116	-0.92
258	258	454	SLV_Ex		92.0241	18.2636	-89.344	-0.92
258	258	472	SLV_Ex		92.7796	17.2201	-89.386	-0.92
258	258	473	SLV_Ex		-19.7345	-92.817	-0.092	-0.92
259	259	473	SLU_ENV	Max	0.	0.	0.	-0.96
259	259	472	SLU_ENV	Max	0.	0.	0.	-0.96
259	259	490	SLU_ENV	Max	0.	0.	0.	-0.96
259	259	491	SLU_ENV	Max	0.	0.	0.	-0.96
259	259	473	SLU_ENV	Min	0.	0.	0.	-3.25
259	259	472	SLU_ENV	Min	0.	0.	0.	-3.25
259	259	490	SLU_ENV	Min	0.	0.	0.	-3.25
259	259	491	SLU_ENV	Min	0.	0.	0.	-3.25
259	259	473	SLV_Ex		-20.7	-92.8267	0.625	-1.35
259	259	472	SLV_Ex		92.4248	16.2683	-88.811	-1.35
259	259	490	SLV_Ex		95.304	14.742	-88.882	-1.35
259	259	491	SLV_Ex		-22.1447	-90.0506	0.672	-1.35
260	260	491	SLU_ENV	Max	0.	0.	0.	-1.14
260	260	490	SLU_ENV	Max	0.	0.	0.	-1.14
260	260	508	SLU_ENV	Max	0.	0.	0.	-1.14
260	260	509	SLU_ENV	Max	0.	0.	0.	-1.14

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
260	260	491	SLU_ENV	Min	0.	0.	0.	-3.51
260	260	490	SLU_ENV	Min	0.	0.	0.	-3.51
260	260	508	SLU_ENV	Min	0.	0.	0.	-3.51
260	260	509	SLU_ENV	Min	0.	0.	0.	-3.51
260	260	491	SLV_Ex		-17.2504	-88.8552	-0.761	-1.61
260	260	490	SLV_Ex		94.5044	12.0248	89.808	-1.61
260	260	508	SLV_Ex		93.3011	9.5095	85.106	-1.61
260	260	509	SLV_Ex		-18.4318	-91.4599	4.645	-1.61
261	261	509	SLU_ENV	Max	0.	0.	0.	-0.64
261	261	508	SLU_ENV	Max	0.	0.	0.	-0.64
261	261	526	SLU_ENV	Max	0.	0.	0.	-0.64
261	261	527	SLU_ENV	Max	0.	0.	0.	-0.64
261	261	509	SLU_ENV	Min	0.	0.	0.	-1.83
261	261	508	SLU_ENV	Min	0.	0.	0.	-1.83
261	261	526	SLU_ENV	Min	0.	0.	0.	-1.83
261	261	527	SLU_ENV	Min	0.	0.	0.	-1.83
261	261	509	SLV_Ex		-4.6812	-88.7764	4.542	-0.22
261	261	508	SLV_Ex		91.8281	2.9153	85.812	-0.22
261	261	526	SLV_Ex		101.9604	-7.2332	72.246	-0.22
261	261	527	SLV_Ex		5.5851	-99.1838	18.739	-0.22
262	262	747	SLU_ENV	Max	0.	0.	0.	2.5
262	262	746	SLU_ENV	Max	0.	0.	0.	2.5
262	262	730	SLU_ENV	Max	0.	0.	0.	2.5
262	262	731	SLU_ENV	Max	0.	0.	0.	2.5
262	262	747	SLU_ENV	Min	0.	0.	0.	0.55
262	262	746	SLU_ENV	Min	0.	0.	0.	0.55
262	262	730	SLU_ENV	Min	0.	0.	0.	0.55
262	262	731	SLU_ENV	Min	0.	0.	0.	0.55
262	262	747	SLV_Ex		110.4204	-6.6546	-73.	1.91
262	262	746	SLV_Ex		276.7933	8.872	-84.36	1.91
262	262	730	SLV_Ex		266.5765	13.5561	-89.024	1.91
262	262	731	SLV_Ex		94.5171	3.6944	-83.094	1.91
263	263	731	SLU_ENV	Max	0.	0.	0.	4.55
263	263	730	SLU_ENV	Max	0.	0.	0.	4.55
263	263	714	SLU_ENV	Max	0.	0.	0.	4.55
263	263	715	SLU_ENV	Max	0.	0.	0.	4.55
263	263	731	SLU_ENV	Min	0.	0.	0.	1.13
263	263	730	SLU_ENV	Min	0.	0.	0.	1.13
263	263	714	SLU_ENV	Min	0.	0.	0.	1.13
263	263	715	SLU_ENV	Min	0.	0.	0.	1.13
263	263	731	SLV_Ex		94.7175	6.9865	-83.184	2.99
263	263	730	SLV_Ex		271.2088	34.7632	-88.853	2.99
263	263	714	SLV_Ex		264.8733	37.9684	89.376	2.99
263	263	715	SLV_Ex		87.6119	10.9385	-87.655	2.99
264	264	715	SLU_ENV	Max	0.	0.	0.	3.14
264	264	714	SLU_ENV	Max	0.	0.	0.	3.14
264	264	327	SLU_ENV	Max	0.	0.	0.	3.14
264	264	328	SLU_ENV	Max	0.	0.	0.	3.14
264	264	715	SLU_ENV	Min	0.	0.	0.	1.01
264	264	714	SLU_ENV	Min	0.	0.	0.	1.01
264	264	327	SLU_ENV	Min	0.	0.	0.	1.01
264	264	328	SLU_ENV	Min	0.	0.	0.	1.01
264	264	715	SLV_Ex		87.3217	12.0243	-89.677	2.48
264	264	714	SLV_Ex		267.3009	48.4866	-89.962	2.48

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
264	264	327	SLV_Ex		267.3855	50.8119	-89.835	2.48
264	264	328	SLV_Ex		87.5397	14.1618	-89.295	2.48
265	265	328	SLU_ENV	Max	0.	0.	0.	2.08
265	265	327	SLU_ENV	Max	0.	0.	0.	2.08
265	265	345	SLU_ENV	Max	0.	0.	0.	2.08
265	265	346	SLU_ENV	Max	0.	0.	0.	2.08
265	265	328	SLU_ENV	Min	0.	0.	0.	-0.68
265	265	327	SLU_ENV	Min	0.	0.	0.	-0.68
265	265	345	SLU_ENV	Min	0.	0.	0.	-0.68
265	265	346	SLU_ENV	Min	0.	0.	0.	-0.68
265	265	328	SLV_Ex		87.6821	15.3819	-89.551	1.24
265	265	327	SLV_Ex		267.7663	52.2385	-89.771	1.24
265	265	345	SLV_Ex		268.4044	53.6177	-89.541	1.24
265	265	346	SLV_Ex		88.4005	16.7006	-88.859	1.24
266	266	346	SLU_ENV	Max	0.	0.	0.	1.12
266	266	345	SLU_ENV	Max	0.	0.	0.	1.12
266	266	363	SLU_ENV	Max	0.	0.	0.	1.12
266	266	364	SLU_ENV	Max	0.	0.	0.	1.12
266	266	346	SLU_ENV	Min	0.	0.	0.	-2.17
266	266	345	SLU_ENV	Min	0.	0.	0.	-2.17
266	266	363	SLU_ENV	Min	0.	0.	0.	-2.17
266	266	364	SLU_ENV	Min	0.	0.	0.	-2.17
266	266	346	SLV_Ex		88.8521	17.6786	-88.902	0.36
266	266	345	SLV_Ex		268.142	53.6061	-89.558	0.36
266	266	363	SLV_Ex		268.577	54.0239	-89.521	0.36
266	266	364	SLV_Ex		89.3549	18.0512	-88.791	0.36
267	267	364	SLU_ENV	Max	0.	0.	0.	0.53
267	267	363	SLU_ENV	Max	0.	0.	0.	0.53
267	267	381	SLU_ENV	Max	0.	0.	0.	0.53
267	267	382	SLU_ENV	Max	0.	0.	0.	0.53
267	267	364	SLU_ENV	Min	0.	0.	0.	-2.96
267	267	363	SLU_ENV	Min	0.	0.	0.	-2.96
267	267	381	SLU_ENV	Min	0.	0.	0.	-2.96
267	267	382	SLU_ENV	Min	0.	0.	0.	-2.96
267	267	364	SLV_Ex		89.8167	18.5259	-88.841	2.208E-03
267	267	363	SLV_Ex		268.2084	54.0361	-89.536	2.208E-03
267	267	381	SLV_Ex		268.5891	54.0415	-89.564	2.208E-03
267	267	382	SLV_Ex		90.2057	18.5312	-88.93	2.208E-03
268	268	382	SLU_ENV	Max	0.	0.	0.	0.19
268	268	381	SLU_ENV	Max	0.	0.	0.	0.19
268	268	399	SLU_ENV	Max	0.	0.	0.	0.19
268	268	400	SLU_ENV	Max	0.	0.	0.	0.19
268	268	382	SLU_ENV	Min	0.	0.	0.	-3.24
268	268	381	SLU_ENV	Min	0.	0.	0.	-3.24
268	268	399	SLU_ENV	Min	0.	0.	0.	-3.24
268	268	400	SLU_ENV	Min	0.	0.	0.	-3.24
268	268	382	SLV_Ex		90.5551	18.8677	-88.917	-0.11
268	268	381	SLV_Ex		268.3162	54.0968	-89.603	-0.11
268	268	399	SLV_Ex		268.4465	53.9842	-89.668	-0.11
268	268	400	SLV_Ex		90.7036	18.7461	-89.112	-0.11
269	269	400	SLU_ENV	Max	0.	0.	0.	-2.333E-02
269	269	399	SLU_ENV	Max	0.	0.	0.	-2.333E-02
269	269	417	SLU_ENV	Max	0.	0.	0.	-2.333E-02
269	269	418	SLU_ENV	Max	0.	0.	0.	-2.333E-02

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
269	269	400	SLU_ENV	Min	0.	0.	0.	-3.21
269	269	399	SLU_ENV	Min	0.	0.	0.	-3.21
269	269	417	SLU_ENV	Min	0.	0.	0.	-3.21
269	269	418	SLU_ENV	Min	0.	0.	0.	-3.21
269	269	400	SLV_Ex		90.897	18.9295	-89.168	-0.11
269	269	399	SLV_Ex		268.3059	54.0807	-89.681	-0.11
269	269	417	SLV_Ex		268.4822	53.9557	-89.75	-0.11
269	269	418	SLV_Ex		91.0495	18.8247	-89.375	-0.11
270	270	418	SLU_ENV	Max	0.	0.	0.	-0.12
270	270	417	SLU_ENV	Max	0.	0.	0.	-0.12
270	270	435	SLU_ENV	Max	0.	0.	0.	-0.12
270	270	436	SLU_ENV	Max	0.	0.	0.	-0.12
270	270	418	SLU_ENV	Min	0.	0.	0.	-3.18
270	270	417	SLU_ENV	Min	0.	0.	0.	-3.18
270	270	435	SLU_ENV	Min	0.	0.	0.	-3.18
270	270	436	SLU_ENV	Min	0.	0.	0.	-3.18
270	270	418	SLV_Ex		91.0912	18.851	-89.355	-0.15
270	270	417	SLV_Ex		268.4762	54.1115	-89.792	-0.15
270	270	435	SLV_Ex		268.3963	53.9444	-89.831	-0.15
270	270	436	SLV_Ex		91.0039	18.6893	-89.469	-0.15
271	271	436	SLU_ENV	Max	0.	0.	0.	-0.27
271	271	435	SLU_ENV	Max	0.	0.	0.	-0.27
271	271	453	SLU_ENV	Max	0.	0.	0.	-0.27
271	271	454	SLU_ENV	Max	0.	0.	0.	-0.27
271	271	436	SLU_ENV	Min	0.	0.	0.	-3.19
271	271	435	SLU_ENV	Min	0.	0.	0.	-3.19
271	271	453	SLU_ENV	Min	0.	0.	0.	-3.19
271	271	454	SLU_ENV	Min	0.	0.	0.	-3.19
271	271	436	SLV_Ex		90.9188	18.6791	-89.504	-0.35
271	271	435	SLV_Ex		268.5102	54.106	-89.851	-0.35
271	271	453	SLV_Ex		268.3732	53.7034	-89.864	-0.35
271	271	454	SLV_Ex		90.7238	18.3178	-89.542	-0.35
272	272	454	SLU_ENV	Max	0.	0.	0.	-0.55
272	272	453	SLU_ENV	Max	0.	0.	0.	-0.55
272	272	471	SLU_ENV	Max	0.	0.	0.	-0.55
272	272	472	SLU_ENV	Max	0.	0.	0.	-0.55
272	272	454	SLU_ENV	Min	0.	0.	0.	-3.47
272	272	453	SLU_ENV	Min	0.	0.	0.	-3.47
272	272	471	SLU_ENV	Min	0.	0.	0.	-3.47
272	272	472	SLU_ENV	Min	0.	0.	0.	-3.47
272	272	454	SLV_Ex		90.5729	17.8757	-89.572	-0.99
272	272	453	SLV_Ex		268.503	54.0457	-89.889	-0.99
272	272	471	SLV_Ex		268.1471	52.9356	-89.736	-0.99
272	272	472	SLV_Ex		90.1751	16.7935	-89.127	-0.99
273	273	472	SLU_ENV	Max	0.	0.	0.	-0.94
273	273	471	SLU_ENV	Max	0.	0.	0.	-0.94
273	273	489	SLU_ENV	Max	0.	0.	0.	-0.94
273	273	490	SLU_ENV	Max	0.	0.	0.	-0.94
273	273	472	SLU_ENV	Min	0.	0.	0.	-4.04
273	273	471	SLU_ENV	Min	0.	0.	0.	-4.04
273	273	489	SLU_ENV	Min	0.	0.	0.	-4.04
273	273	490	SLU_ENV	Min	0.	0.	0.	-4.04
273	273	472	SLV_Ex		90.2221	15.9601	-89.19	-2.29
273	273	471	SLV_Ex		267.8719	52.6442	-89.749	-2.29

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
273	273	489	SLV_Ex		267.3098	50.0521	-89.475	-2.29
273	273	490	SLV_Ex		89.552	13.4481	-88.42	-2.29
274	274	490	SLU_ENV	Max	0.	0.	0.	-1.2
274	274	489	SLU_ENV	Max	0.	0.	0.	-1.2
274	274	507	SLU_ENV	Max	0.	0.	0.	-1.2
274	274	508	SLU_ENV	Max	0.	0.	0.	-1.2
274	274	490	SLU_ENV	Min	0.	0.	0.	-4.31
274	274	489	SLU_ENV	Min	0.	0.	0.	-4.31
274	274	507	SLU_ENV	Min	0.	0.	0.	-4.31
274	274	508	SLU_ENV	Min	0.	0.	0.	-4.31
274	274	490	SLV_Ex		89.9767	12.6918	89.575	-3.3
274	274	489	SLV_Ex		264.9154	40.835	-88.835	-3.3
274	274	507	SLV_Ex		271.0191	37.1684	89.587	-3.3
274	274	508	SLV_Ex		96.4151	8.6483	85.532	-3.3
275	275	508	SLU_ENV	Max	0.	0.	0.	-0.67
275	275	507	SLU_ENV	Max	0.	0.	0.	-0.67
275	275	525	SLU_ENV	Max	0.	0.	0.	-0.67
275	275	526	SLU_ENV	Max	0.	0.	0.	-0.67
275	275	508	SLU_ENV	Min	0.	0.	0.	-2.28
275	275	507	SLU_ENV	Min	0.	0.	0.	-2.28
275	275	525	SLU_ENV	Min	0.	0.	0.	-2.28
275	275	526	SLU_ENV	Min	0.	0.	0.	-2.28
275	275	508	SLV_Ex		96.7314	5.4205	85.158	-2.37
275	275	507	SLV_Ex		265.8168	15.3116	89.791	-2.37
275	275	525	SLV_Ex		276.6159	10.3605	84.865	-2.37
275	275	526	SLV_Ex		112.7564	-4.8578	74.38	-2.37
276	276	746	SLU_ENV	Max	0.	0.	0.	6.8
276	276	764	SLU_ENV	Max	0.	0.	0.	6.8
276	276	763	SLU_ENV	Max	0.	0.	0.	6.8
276	276	730	SLU_ENV	Max	0.	0.	0.	6.8
276	276	746	SLU_ENV	Min	0.	0.	0.	1.34
276	276	764	SLU_ENV	Min	0.	0.	0.	1.34
276	276	763	SLU_ENV	Min	0.	0.	0.	1.34
276	276	730	SLU_ENV	Min	0.	0.	0.	1.34
276	276	746	SLV_Ex		293.6034	9.8081	-85.633	5.92
276	276	764	SLV_Ex		452.7072	28.1811	89.907	5.92
276	276	763	SLV_Ex		427.5039	33.8387	88.061	5.92
276	276	730	SLV_Ex		266.9126	16.8848	-87.953	5.92
277	277	730	SLU_ENV	Max	0.	0.	0.	8.89
277	277	763	SLU_ENV	Max	0.	0.	0.	8.89
277	277	762	SLU_ENV	Max	0.	0.	0.	8.89
277	277	714	SLU_ENV	Max	0.	0.	0.	8.89
277	277	730	SLU_ENV	Min	0.	0.	0.	2.01
277	277	763	SLU_ENV	Min	0.	0.	0.	2.01
277	277	762	SLU_ENV	Min	0.	0.	0.	2.01
277	277	714	SLU_ENV	Min	0.	0.	0.	2.01
277	277	730	SLV_Ex		266.7174	31.6547	89.951	8.47
277	277	763	SLV_Ex		436.7424	68.6076	89.337	8.47
277	277	762	SLV_Ex		433.489	77.1861	89.737	8.47
277	277	714	SLV_Ex		263.5957	40.0375	-89.38	8.47
278	278	714	SLU_ENV	Max	0.	0.	0.	3.94
278	278	762	SLU_ENV	Max	0.	0.	0.	3.94
278	278	326	SLU_ENV	Max	0.	0.	0.	3.94
278	278	327	SLU_ENV	Max	0.	0.	0.	3.94

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
278	278	714	SLU_ENV	Min	0.	0.	0.	0.34
278	278	762	SLU_ENV	Min	0.	0.	0.	0.34
278	278	326	SLU_ENV	Min	0.	0.	0.	0.34
278	278	327	SLU_ENV	Min	0.	0.	0.	0.34
278	278	714	SLV_Ex		262.8983	47.3536	89.96	3.55
278	278	762	SLV_Ex		436.8617	83.4366	-89.866	3.55
278	278	326	SLV_Ex		438.5414	86.6588	-89.694	3.55
278	278	327	SLV_Ex		264.6202	50.5089	-89.759	3.55
279	279	327	SLU_ENV	Max	0.	0.	0.	1.81
279	279	326	SLU_ENV	Max	0.	0.	0.	1.81
279	279	344	SLU_ENV	Max	0.	0.	0.	1.81
279	279	345	SLU_ENV	Max	0.	0.	0.	1.81
279	279	327	SLU_ENV	Min	0.	0.	0.	-3.1
279	279	326	SLU_ENV	Min	0.	0.	0.	-3.1
279	279	344	SLU_ENV	Min	0.	0.	0.	-3.1
279	279	345	SLU_ENV	Min	0.	0.	0.	-3.1
279	279	327	SLV_Ex		265.1301	52.237	-89.716	0.37
279	279	326	SLV_Ex		438.5091	87.326	-89.737	0.37
279	279	344	SLV_Ex		439.2881	87.7524	-89.66	0.37
279	279	345	SLV_Ex		265.9953	52.6114	-89.589	0.37
280	280	345	SLU_ENV	Max	0.	0.	0.	0.74
280	280	344	SLU_ENV	Max	0.	0.	0.	0.74
280	280	362	SLU_ENV	Max	0.	0.	0.	0.74
280	280	363	SLU_ENV	Max	0.	0.	0.	0.74
280	280	345	SLU_ENV	Min	0.	0.	0.	-4.95
280	280	344	SLU_ENV	Min	0.	0.	0.	-4.95
280	280	362	SLU_ENV	Min	0.	0.	0.	-4.95
280	280	363	SLU_ENV	Min	0.	0.	0.	-4.95
280	280	345	SLV_Ex		267.0238	53.9275	-89.546	-0.68
280	280	344	SLV_Ex		438.6224	88.2537	-89.703	-0.68
280	280	362	SLV_Ex		438.6284	87.5041	-89.693	-0.68
280	280	363	SLV_Ex		267.0508	53.1736	-89.53	-0.68
281	281	363	SLU_ENV	Max	0.	0.	0.	0.28
281	281	362	SLU_ENV	Max	0.	0.	0.	0.28
281	281	380	SLU_ENV	Max	0.	0.	0.	0.28
281	281	381	SLU_ENV	Max	0.	0.	0.	0.28
281	281	363	SLU_ENV	Min	0.	0.	0.	-5.68
281	281	362	SLU_ENV	Min	0.	0.	0.	-5.68
281	281	380	SLU_ENV	Min	0.	0.	0.	-5.68
281	281	381	SLU_ENV	Min	0.	0.	0.	-5.68
281	281	363	SLV_Ex		267.8836	54.3384	-89.517	-0.78
281	281	362	SLV_Ex		438.1405	88.0696	-89.72	-0.78
281	281	380	SLV_Ex		437.8351	87.223	-89.758	-0.78
281	281	381	SLV_Ex		267.6076	53.4776	-89.58	-0.78
282	282	381	SLU_ENV	Max	0.	0.	0.	9.800E-02
282	282	380	SLU_ENV	Max	0.	0.	0.	9.800E-02
282	282	398	SLU_ENV	Max	0.	0.	0.	9.800E-02
282	282	399	SLU_ENV	Max	0.	0.	0.	9.800E-02
282	282	381	SLU_ENV	Min	0.	0.	0.	-5.72
282	282	380	SLU_ENV	Min	0.	0.	0.	-5.72
282	282	398	SLU_ENV	Min	0.	0.	0.	-5.72
282	282	399	SLU_ENV	Min	0.	0.	0.	-5.72
282	282	381	SLV_Ex		268.1402	54.2767	-89.599	-0.57
282	282	380	SLV_Ex		437.5789	87.8143	-89.764	-0.57

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
282	282	398	SLV_Ex		437.384	87.1867	-89.809	-0.57
282	282	399	SLV_Ex		267.9294	53.6656	-89.673	-0.57
283	283	399	SLU_ENV	Max	0.	0.	0.	-3.796E-03
283	283	398	SLU_ENV	Max	0.	0.	0.	-3.796E-03
283	283	416	SLU_ENV	Max	0.	0.	0.	-3.796E-03
283	283	417	SLU_ENV	Max	0.	0.	0.	-3.796E-03
283	283	399	SLU_ENV	Min	0.	0.	0.	-5.37
283	283	398	SLU_ENV	Min	0.	0.	0.	-5.37
283	283	416	SLU_ENV	Min	0.	0.	0.	-5.37
283	283	417	SLU_ENV	Min	0.	0.	0.	-5.37
283	283	399	SLV_Ex		268.1994	54.1204	-89.68	-0.3
283	283	398	SLV_Ex		437.2836	87.5855	-89.825	-0.3
283	283	416	SLV_Ex		437.0443	87.2586	-89.868	-0.3
283	283	417	SLV_Ex		267.9653	53.7912	-89.75	-0.3
284	284	417	SLU_ENV	Max	0.	0.	0.	-5.910E-02
284	284	416	SLU_ENV	Max	0.	0.	0.	-5.910E-02
284	284	434	SLU_ENV	Max	0.	0.	0.	-5.910E-02
284	284	435	SLU_ENV	Max	0.	0.	0.	-5.910E-02
284	284	417	SLU_ENV	Min	0.	0.	0.	-4.87
284	284	416	SLU_ENV	Min	0.	0.	0.	-4.87
284	284	434	SLU_ENV	Min	0.	0.	0.	-4.87
284	284	435	SLU_ENV	Min	0.	0.	0.	-4.87
284	284	417	SLV_Ex		267.981	53.9306	-89.774	-2.271E-02
284	284	416	SLV_Ex		437.0828	87.3953	-89.872	-2.271E-02
284	284	434	SLV_Ex		437.0102	87.3579	-89.919	-2.271E-02
284	284	435	SLV_Ex		267.8695	53.9208	-89.849	-2.271E-02
285	285	435	SLU_ENV	Max	0.	0.	0.	-0.16
285	285	434	SLU_ENV	Max	0.	0.	0.	-0.16
285	285	452	SLU_ENV	Max	0.	0.	0.	-0.16
285	285	453	SLU_ENV	Max	0.	0.	0.	-0.16
285	285	435	SLU_ENV	Min	0.	0.	0.	-4.38
285	285	434	SLU_ENV	Min	0.	0.	0.	-4.38
285	285	452	SLU_ENV	Min	0.	0.	0.	-4.38
285	285	453	SLU_ENV	Min	0.	0.	0.	-4.38
285	285	435	SLV_Ex		267.5898	53.6562	-89.848	8.973E-02
285	285	434	SLV_Ex		437.2588	87.4684	-89.94	8.973E-02
285	285	452	SLV_Ex		437.0262	87.5614	-89.949	8.973E-02
285	285	453	SLV_Ex		267.3334	53.7612	-89.864	8.973E-02
286	286	453	SLU_ENV	Max	0.	0.	0.	-0.41
286	286	452	SLU_ENV	Max	0.	0.	0.	-0.41
286	286	470	SLU_ENV	Max	0.	0.	0.	-0.41
286	286	471	SLU_ENV	Max	0.	0.	0.	-0.41
286	286	453	SLU_ENV	Min	0.	0.	0.	-4.16
286	286	452	SLU_ENV	Min	0.	0.	0.	-4.16
286	286	470	SLU_ENV	Min	0.	0.	0.	-4.16
286	286	471	SLU_ENV	Min	0.	0.	0.	-4.16
286	286	453	SLV_Ex		266.7619	53.3162	-89.845	-0.41
286	286	452	SLV_Ex		437.5384	87.7091	-89.98	-0.41
286	286	470	SLV_Ex		436.8924	87.233	-89.94	-0.41
286	286	471	SLV_Ex		266.0302	52.8942	-89.779	-0.41
287	287	471	SLU_ENV	Max	0.	0.	0.	-1.01
287	287	470	SLU_ENV	Max	0.	0.	0.	-1.01
287	287	488	SLU_ENV	Max	0.	0.	0.	-1.01
287	287	489	SLU_ENV	Max	0.	0.	0.	-1.01

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
287	287	471	SLU_ENV	Min	0.	0.	0.	-4.99
287	287	470	SLU_ENV	Min	0.	0.	0.	-4.99
287	287	488	SLU_ENV	Min	0.	0.	0.	-4.99
287	287	489	SLU_ENV	Min	0.	0.	0.	-4.99
287	287	471	SLV_Ex		265.6301	52.267	-89.698	-2.8
287	287	470	SLV_Ex		437.186	87.3133	89.99	-2.8
287	287	488	SLV_Ex		435.0481	84.2013	-89.896	-2.8
287	287	489	SLV_Ex		263.423	49.2047	-89.513	-2.8
288	288	489	SLU_ENV	Max	0.	0.	0.	-1.94
288	288	488	SLU_ENV	Max	0.	0.	0.	-1.94
288	288	506	SLU_ENV	Max	0.	0.	0.	-1.94
288	288	507	SLU_ENV	Max	0.	0.	0.	-1.94
288	288	489	SLU_ENV	Min	0.	0.	0.	-7.12
288	288	488	SLU_ENV	Min	0.	0.	0.	-7.12
288	288	506	SLU_ENV	Min	0.	0.	0.	-7.12
288	288	507	SLU_ENV	Min	0.	0.	0.	-7.12
288	288	489	SLV_Ex		264.1958	43.0504	89.952	-8.35
288	288	488	SLV_Ex		432.2469	80.2038	-89.59	-8.35
288	288	506	SLV_Ex		434.0931	70.8877	-89.085	-8.35
288	288	507	SLV_Ex		265.9462	33.8708	-89.237	-8.35
289	289	507	SLU_ENV	Max	0.	0.	0.	-1.59
289	289	506	SLU_ENV	Max	0.	0.	0.	-1.59
289	289	524	SLU_ENV	Max	0.	0.	0.	-1.59
289	289	525	SLU_ENV	Max	0.	0.	0.	-1.59
289	289	507	SLU_ENV	Min	0.	0.	0.	-5.42
289	289	506	SLU_ENV	Min	0.	0.	0.	-5.42
289	289	524	SLU_ENV	Min	0.	0.	0.	-5.42
289	289	525	SLU_ENV	Min	0.	0.	0.	-5.42
289	289	507	SLV_Ex		267.0288	19.8068	88.595	-7.63
289	289	506	SLV_Ex		424.1676	37.2157	-87.797	-7.63
289	289	524	SLV_Ex		449.7021	29.2192	-89.677	-7.63
289	289	525	SLV_Ex		293.9035	10.4865	86.239	-7.63
290	290	764	SLU_ENV	Max	0.	0.	0.	46.24
290	290	975	SLU_ENV	Max	0.	0.	0.	46.24
290	290	974	SLU_ENV	Max	0.	0.	0.	46.24
290	290	763	SLU_ENV	Max	0.	0.	0.	46.24
290	290	764	SLU_ENV	Min	0.	0.	0.	7.93
290	290	975	SLU_ENV	Min	0.	0.	0.	7.93
290	290	974	SLU_ENV	Min	0.	0.	0.	7.93
290	290	763	SLU_ENV	Min	0.	0.	0.	7.93
290	290	764	SLV_Ex		438.5422	7.3406	88.913	48.93
290	290	975	SLV_Ex		572.0421	36.8105	89.221	48.93
290	290	974	SLV_Ex		583.1729	85.8106	89.418	48.93
290	290	763	SLV_Ex		449.0065	56.3946	89.131	48.93
291	291	763	SLU_ENV	Max	0.	0.	0.	16.77
291	291	974	SLU_ENV	Max	0.	0.	0.	16.77
291	291	780	SLU_ENV	Max	0.	0.	0.	16.77
291	291	762	SLU_ENV	Max	0.	0.	0.	16.77
291	291	763	SLU_ENV	Min	0.	0.	0.	3.6
291	291	974	SLU_ENV	Min	0.	0.	0.	3.6
291	291	780	SLU_ENV	Min	0.	0.	0.	3.6
291	291	762	SLU_ENV	Min	0.	0.	0.	3.6
291	291	763	SLV_Ex		432.3411	64.9893	89.086	15.26
291	291	974	SLV_Ex		605.7282	106.6132	89.39	15.26

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
291	291	780	SLV_Ex		609.4077	121.9244	-89.944	15.26
291	291	762	SLV_Ex		435.9143	80.3651	89.989	15.26
292	292	762	SLU_ENV	Max	0.	0.	0.	2.96
292	292	780	SLU_ENV	Max	0.	0.	0.	2.96
292	292	779	SLU_ENV	Max	0.	0.	0.	2.96
292	292	326	SLU_ENV	Max	0.	0.	0.	2.96
292	292	762	SLU_ENV	Min	0.	0.	0.	-3.01
292	292	780	SLU_ENV	Min	0.	0.	0.	-3.01
292	292	779	SLU_ENV	Min	0.	0.	0.	-3.01
292	292	326	SLU_ENV	Min	0.	0.	0.	-3.01
292	292	762	SLV_Ex		436.7084	84.6535	-89.838	7.459E-02
292	292	780	SLV_Ex		609.0889	119.9923	89.915	7.459E-02
292	292	779	SLV_Ex		607.2075	120.088	-90.	7.459E-02
292	292	326	SLV_Ex		434.9184	84.6877	-89.719	7.459E-02
293	293	326	SLU_ENV	Max	0.	0.	0.	0.69
293	293	779	SLU_ENV	Max	0.	0.	0.	0.69
293	293	806	SLU_ENV	Max	0.	0.	0.	0.69
293	293	344	SLU_ENV	Max	0.	0.	0.	0.69
293	293	326	SLU_ENV	Min	0.	0.	0.	-6.86
293	293	779	SLU_ENV	Min	0.	0.	0.	-6.86
293	293	806	SLU_ENV	Min	0.	0.	0.	-6.86
293	293	344	SLU_ENV	Min	0.	0.	0.	-6.86
293	293	326	SLV_Ex		438.229	88.5486	-89.765	-2.46
293	293	779	SLV_Ex		605.2047	122.7819	-89.978	-2.46
293	293	806	SLV_Ex		602.999	120.0648	-89.88	-2.46
293	293	344	SLV_Ex		436.0691	85.829	-89.631	-2.46
294	294	344	SLU_ENV	Max	0.	0.	0.	-5.186E-02
294	294	806	SLU_ENV	Max	0.	0.	0.	-5.186E-02
294	294	821	SLU_ENV	Max	0.	0.	0.	-5.186E-02
294	294	362	SLU_ENV	Max	0.	0.	0.	-5.186E-02
294	294	344	SLU_ENV	Min	0.	0.	0.	-8.67
294	294	806	SLU_ENV	Min	0.	0.	0.	-8.67
294	294	821	SLU_ENV	Min	0.	0.	0.	-8.67
294	294	362	SLU_ENV	Min	0.	0.	0.	-8.67
294	294	344	SLV_Ex		438.2639	88.9806	-89.683	-2.39
294	294	806	SLV_Ex		601.7036	121.4273	-89.855	-2.39
294	294	821	SLV_Ex		600.2166	118.7971	-89.875	-2.39
294	294	362	SLV_Ex		436.8108	86.3419	-89.711	-2.39
295	295	362	SLU_ENV	Max	0.	0.	0.	-7.639E-02
295	295	821	SLU_ENV	Max	0.	0.	0.	-7.639E-02
295	295	836	SLU_ENV	Max	0.	0.	0.	-7.639E-02
295	295	380	SLU_ENV	Max	0.	0.	0.	-7.639E-02
295	295	362	SLU_ENV	Min	0.	0.	0.	-8.97
295	295	821	SLU_ENV	Min	0.	0.	0.	-8.97
295	295	836	SLU_ENV	Min	0.	0.	0.	-8.97
295	295	380	SLU_ENV	Min	0.	0.	0.	-8.97
295	295	362	SLV_Ex		438.0974	88.5283	-89.737	-1.76
295	295	821	SLV_Ex		599.7652	120.7943	-89.868	-1.76
295	295	836	SLV_Ex		598.7324	118.8399	-89.87	-1.76
295	295	380	SLV_Ex		437.0448	86.5977	-89.741	-1.76
296	296	380	SLU_ENV	Max	0.	0.	0.	-4.557E-02
296	296	836	SLU_ENV	Max	0.	0.	0.	-4.557E-02
296	296	851	SLU_ENV	Max	0.	0.	0.	-4.557E-02
296	296	398	SLU_ENV	Max	0.	0.	0.	-4.557E-02

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
296	296	380	SLU_ENV	Min	0.	0.	0.	-8.38
296	296	836	SLU_ENV	Min	0.	0.	0.	-8.38
296	296	851	SLU_ENV	Min	0.	0.	0.	-8.38
296	296	398	SLU_ENV	Min	0.	0.	0.	-8.38
296	296	380	SLV_Ex		437.7297	88.0522	-89.763	-1.04
296	296	836	SLV_Ex		598.5388	119.8483	-89.868	-1.04
296	296	851	SLV_Ex		597.8548	118.7082	-89.902	-1.04
296	296	398	SLV_Ex		437.0504	86.9122	-89.809	-1.04
297	297	398	SLU_ENV	Max	0.	0.	0.	3.045E-02
297	297	851	SLU_ENV	Max	0.	0.	0.	3.045E-02
297	297	866	SLU_ENV	Max	0.	0.	0.	3.045E-02
297	297	416	SLU_ENV	Max	0.	0.	0.	3.045E-02
297	297	398	SLU_ENV	Min	0.	0.	0.	-7.66
297	297	851	SLU_ENV	Min	0.	0.	0.	-7.66
297	297	866	SLU_ENV	Min	0.	0.	0.	-7.66
297	297	416	SLU_ENV	Min	0.	0.	0.	-7.66
297	297	398	SLV_Ex		437.393	87.6943	-89.819	-0.53
297	297	851	SLV_Ex		597.7986	119.3618	-89.907	-0.53
297	297	866	SLV_Ex		597.2621	118.7711	-89.948	-0.53
297	297	416	SLV_Ex		436.8272	87.1281	-89.874	-0.53
298	298	416	SLU_ENV	Max	0.	0.	0.	0.16
298	298	866	SLU_ENV	Max	0.	0.	0.	0.16
298	298	881	SLU_ENV	Max	0.	0.	0.	0.16
298	298	434	SLU_ENV	Max	0.	0.	0.	0.16
298	298	416	SLU_ENV	Min	0.	0.	0.	-6.72
298	298	866	SLU_ENV	Min	0.	0.	0.	-6.72
298	298	881	SLU_ENV	Min	0.	0.	0.	-6.72
298	298	434	SLU_ENV	Min	0.	0.	0.	-6.72
298	298	416	SLV_Ex		436.8587	87.2092	-89.897	0.2
298	298	866	SLV_Ex		597.3446	119.2632	-89.946	0.2
298	298	881	SLV_Ex		597.149	119.4868	-89.944	0.2
298	298	434	SLV_Ex		436.6635	87.4298	-89.893	0.2
299	299	434	SLU_ENV	Max	0.	0.	0.	0.25
299	299	881	SLU_ENV	Max	0.	0.	0.	0.25
299	299	896	SLU_ENV	Max	0.	0.	0.	0.25
299	299	452	SLU_ENV	Max	0.	0.	0.	0.25
299	299	434	SLU_ENV	Min	0.	0.	0.	-5.58
299	299	881	SLU_ENV	Min	0.	0.	0.	-5.58
299	299	896	SLU_ENV	Min	0.	0.	0.	-5.58
299	299	452	SLU_ENV	Min	0.	0.	0.	-5.58
299	299	434	SLV_Ex		436.1941	86.8504	-89.92	0.89
299	299	881	SLV_Ex		597.3463	118.7079	-89.937	0.89
299	299	896	SLV_Ex		597.6174	119.6712	-89.973	0.89
299	299	452	SLV_Ex		436.4145	87.844	-89.97	0.89
300	300	452	SLU_ENV	Max	0.	0.	0.	5.100E-02
300	300	896	SLU_ENV	Max	0.	0.	0.	5.100E-02
300	300	911	SLU_ENV	Max	0.	0.	0.	5.100E-02
300	300	470	SLU_ENV	Max	0.	0.	0.	5.100E-02
300	300	452	SLU_ENV	Min	0.	0.	0.	-4.35
300	300	896	SLU_ENV	Min	0.	0.	0.	-4.35
300	300	911	SLU_ENV	Min	0.	0.	0.	-4.35
300	300	470	SLU_ENV	Min	0.	0.	0.	-4.35
300	300	452	SLV_Ex		435.161	86.2853	89.976	1.6
300	300	896	SLV_Ex		598.581	119.7782	-89.948	1.6

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
300	300	911	SLV_Ex		599.7236	121.531	-89.853	1.6
300	300	470	SLV_Ex		436.254	88.0523	-89.894	1.6
301	301	470	SLU_ENV	Max	0.	0.	0.	-0.61
301	301	911	SLU_ENV	Max	0.	0.	0.	-0.61
301	301	926	SLU_ENV	Max	0.	0.	0.	-0.61
301	301	488	SLU_ENV	Max	0.	0.	0.	-0.61
301	301	470	SLU_ENV	Min	0.	0.	0.	-4.23
301	301	911	SLU_ENV	Min	0.	0.	0.	-4.23
301	301	926	SLU_ENV	Min	0.	0.	0.	-4.23
301	301	488	SLU_ENV	Min	0.	0.	0.	-4.23
301	301	470	SLV_Ex		433.3669	85.283	-89.98	0.2
301	301	911	SLV_Ex		601.6035	119.2566	-89.805	0.2
301	301	926	SLV_Ex		603.7161	119.445	-89.767	0.2
301	301	488	SLV_Ex		435.342	85.5274	-89.926	0.2
302	302	488	SLU_ENV	Max	0.	0.	0.	-2.99
302	302	926	SLU_ENV	Max	0.	0.	0.	-2.99
302	302	941	SLU_ENV	Max	0.	0.	0.	-2.99
302	302	506	SLU_ENV	Max	0.	0.	0.	-2.99
302	302	488	SLU_ENV	Min	0.	0.	0.	-10.29
302	302	926	SLU_ENV	Min	0.	0.	0.	-10.29
302	302	941	SLU_ENV	Min	0.	0.	0.	-10.29
302	302	506	SLU_ENV	Min	0.	0.	0.	-10.29
302	302	488	SLV_Ex		433.8668	82.3239	-89.792	-12.52
302	302	926	SLV_Ex		605.2301	122.8537	-89.881	-12.52
302	302	941	SLV_Ex		602.2063	108.9781	-89.211	-12.52
302	302	506	SLV_Ex		430.8917	68.4119	-88.882	-12.52
303	303	506	SLU_ENV	Max	0.	0.	0.	-7.56
303	303	941	SLU_ENV	Max	0.	0.	0.	-7.56
303	303	956	SLU_ENV	Max	0.	0.	0.	-7.56
303	303	524	SLU_ENV	Max	0.	0.	0.	-7.56
303	303	506	SLU_ENV	Min	0.	0.	0.	-25.68
303	303	941	SLU_ENV	Min	0.	0.	0.	-25.68
303	303	956	SLU_ENV	Min	0.	0.	0.	-25.68
303	303	524	SLU_ENV	Min	0.	0.	0.	-25.68
303	303	506	SLV_Ex		447.8228	60.5377	-88.926	-47.37
303	303	941	SLV_Ex		579.8905	89.9983	-89.25	-47.37
303	303	956	SLV_Ex		568.0817	37.7677	-89.	-47.37
303	303	524	SLV_Ex		436.7703	8.2969	-88.649	-47.37
431	431	583	SLU_ENV	Max	0.	0.	0.	310.75
431	431	287	SLU_ENV	Max	0.	0.	0.	310.75
431	431	288	SLU_ENV	Max	0.	0.	0.	310.75
431	431	565	SLU_ENV	Max	0.	0.	0.	310.75
431	431	583	SLU_ENV	Min	0.	0.	0.	96.82
431	431	287	SLU_ENV	Min	0.	0.	0.	96.82
431	431	288	SLU_ENV	Min	0.	0.	0.	96.82
431	431	565	SLU_ENV	Min	0.	0.	0.	96.82
431	431	583	SLV_Ex		762.3	95.9485	1.822	237.62
431	431	287	SLV_Ex		518.4959	29.3871	1.381	237.62
431	431	288	SLV_Ex		511.9878	55.3617	-0.367	237.62
431	431	565	SLV_Ex		756.1237	121.8521	0.584	237.62
432	432	287	SLU_ENV	Max	0.	0.	0.	192.78
432	432	289	SLU_ENV	Max	0.	0.	0.	192.78
432	432	290	SLU_ENV	Max	0.	0.	0.	192.78
432	432	288	SLU_ENV	Max	0.	0.	0.	192.78

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
432	432	287	SLU_ENV	Min	0.	0.	0.	61.64
432	432	289	SLU_ENV	Min	0.	0.	0.	61.64
432	432	290	SLU_ENV	Min	0.	0.	0.	61.64
432	432	288	SLU_ENV	Min	0.	0.	0.	61.64
432	432	287	SLV_Ex		525.4542	39.752	-0.522	240.87
432	432	289	SLV_Ex		282.7671	7.58	-7.536	240.87
432	432	290	SLV_Ex		243.4515	12.4773	-4.557	240.87
432	432	288	SLV_Ex		489.1778	41.6833	1.674	240.87
433	433	289	SLU_ENV	Max	0.	0.	0.	104.4
433	433	291	SLU_ENV	Max	0.	0.	0.	104.4
433	433	292	SLU_ENV	Max	0.	0.	0.	104.4
433	433	290	SLU_ENV	Max	0.	0.	0.	104.4
433	433	289	SLU_ENV	Min	0.	0.	0.	33.9
433	433	291	SLU_ENV	Min	0.	0.	0.	33.9
433	433	292	SLU_ENV	Min	0.	0.	0.	33.9
433	433	290	SLU_ENV	Min	0.	0.	0.	33.9
433	433	289	SLV_Ex		257.4784	2.6638	-9.655	221.41
433	433	291	SLV_Ex		61.4205	-36.6105	-38.864	221.41
433	433	292	SLV_Ex		28.6569	-9.5198	-34.167	221.41
433	433	290	SLV_Ex		244.0033	10.5365	-2.944	221.41
434	434	291	SLU_ENV	Max	0.	0.	0.	32.92
434	434	293	SLU_ENV	Max	0.	0.	0.	32.92
434	434	294	SLU_ENV	Max	0.	0.	0.	32.92
434	434	292	SLU_ENV	Max	0.	0.	0.	32.92
434	434	291	SLU_ENV	Min	0.	0.	0.	10.78
434	434	293	SLU_ENV	Min	0.	0.	0.	10.78
434	434	294	SLU_ENV	Min	0.	0.	0.	10.78
434	434	292	SLU_ENV	Min	0.	0.	0.	10.78
434	434	291	SLV_Ex		49.2353	-41.798	-42.648	191.42
434	434	293	SLV_Ex		1.7998	-199.0259	-77.28	191.42
434	434	294	SLV_Ex		-6.887	-188.1859	-84.257	191.42
434	434	292	SLV_Ex		25.6651	-16.0073	-38.365	191.42
435	435	293	SLU_ENV	Max	0.	0.	0.	-10.78
435	435	295	SLU_ENV	Max	0.	0.	0.	-10.78
435	435	296	SLU_ENV	Max	0.	0.	0.	-10.78
435	435	294	SLU_ENV	Max	0.	0.	0.	-10.78
435	435	293	SLU_ENV	Min	0.	0.	0.	-32.92
435	435	295	SLU_ENV	Min	0.	0.	0.	-32.92
435	435	296	SLU_ENV	Min	0.	0.	0.	-32.92
435	435	294	SLU_ENV	Min	0.	0.	0.	-32.92
435	435	293	SLV_Ex		-1.6425	-211.5571	-78.66	151.53
435	435	295	SLV_Ex		-13.7473	-361.5544	-85.262	151.53
435	435	296	SLV_Ex		-17.2181	-345.4622	-88.456	151.53
435	435	294	SLV_Ex		-8.1014	-192.4232	-83.516	151.53
436	436	295	SLU_ENV	Max	0.	0.	0.	-33.9
436	436	297	SLU_ENV	Max	0.	0.	0.	-33.9
436	436	298	SLU_ENV	Max	0.	0.	0.	-33.9
436	436	296	SLU_ENV	Max	0.	0.	0.	-33.9
436	436	295	SLU_ENV	Min	0.	0.	0.	-104.4
436	436	297	SLU_ENV	Min	0.	0.	0.	-104.4
436	436	298	SLU_ENV	Min	0.	0.	0.	-104.4
436	436	296	SLU_ENV	Min	0.	0.	0.	-104.4
436	436	295	SLV_Ex		-15.3787	-370.2855	-85.944	97.16
436	436	297	SLV_Ex		-21.1293	-468.4756	-88.889	97.16

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
436	436	298	SLV_Ex		-23.6251	-449.4879	89.46	97.16
436	436	296	SLV_Ex		-18.7641	-350.3751	-87.863	97.16
437	437	297	SLU_ENV	Max	0.	0.	0.	-61.64
437	437	305	SLU_ENV	Max	0.	0.	0.	-61.64
437	437	306	SLU_ENV	Max	0.	0.	0.	-61.64
437	437	298	SLU_ENV	Max	0.	0.	0.	-61.64
437	437	297	SLU_ENV	Min	0.	0.	0.	-192.78
437	437	305	SLU_ENV	Min	0.	0.	0.	-192.78
437	437	306	SLU_ENV	Min	0.	0.	0.	-192.78
437	437	298	SLU_ENV	Min	0.	0.	0.	-192.78
437	437	297	SLV_Ex		-21.4231	-479.7066	89.823	18.96
437	437	305	SLV_Ex		-32.5466	-501.0325	86.327	18.96
437	437	306	SLV_Ex		-37.1167	-467.7023	86.997	18.96
437	437	298	SLV_Ex		-25.2409	-447.1074	-89.185	18.96
438	438	305	SLU_ENV	Max	0.	0.	0.	-96.82
438	438	750	SLU_ENV	Max	0.	0.	0.	-96.82
438	438	734	SLU_ENV	Max	0.	0.	0.	-96.82
438	438	306	SLU_ENV	Max	0.	0.	0.	-96.82
438	438	305	SLU_ENV	Min	0.	0.	0.	-310.74
438	438	750	SLU_ENV	Min	0.	0.	0.	-310.74
438	438	734	SLU_ENV	Min	0.	0.	0.	-310.74
438	438	306	SLU_ENV	Min	0.	0.	0.	-310.74
438	438	305	SLV_Ex		-17.9569	-471.9475	84.963	-101.73
438	438	750	SLV_Ex		-31.5742	-365.9631	85.115	-101.73
438	438	734	SLV_Ex		-60.8328	-382.8191	89.714	-101.73
438	438	306	SLV_Ex		-48.8146	-486.997	88.306	-101.73
439	439	565	SLU_ENV	Max	0.	0.	0.	294.56
439	439	288	SLU_ENV	Max	0.	0.	0.	294.56
439	439	307	SLU_ENV	Max	0.	0.	0.	294.56
439	439	547	SLU_ENV	Max	0.	0.	0.	294.56
439	439	565	SLU_ENV	Min	0.	0.	0.	94.7
439	439	288	SLU_ENV	Min	0.	0.	0.	94.7
439	439	307	SLU_ENV	Min	0.	0.	0.	94.7
439	439	547	SLU_ENV	Min	0.	0.	0.	94.7
439	439	565	SLV_Ex		771.1579	136.7173	0.468	258.36
439	439	288	SLV_Ex		505.9627	85.7717	-0.178	258.36
439	439	307	SLV_Ex		500.3131	94.7325	0.016	258.36
439	439	547	SLV_Ex		765.2745	145.9826	0.611	258.36
440	440	288	SLU_ENV	Max	0.	0.	0.	188.88
440	440	290	SLU_ENV	Max	0.	0.	0.	188.88
440	440	308	SLU_ENV	Max	0.	0.	0.	188.88
440	440	307	SLU_ENV	Max	0.	0.	0.	188.88
440	440	288	SLU_ENV	Min	0.	0.	0.	61.39
440	440	290	SLU_ENV	Min	0.	0.	0.	61.39
440	440	308	SLU_ENV	Min	0.	0.	0.	61.39
440	440	307	SLU_ENV	Min	0.	0.	0.	61.39
440	440	288	SLV_Ex		498.3439	86.8691	1.052E-03	246.25
440	440	290	SLV_Ex		245.763	34.9644	-1.398	246.25
440	440	308	SLV_Ex		240.6322	38.4231	-1.799	246.25
440	440	307	SLV_Ex		492.9514	90.6396	-0.17	246.25
441	441	290	SLU_ENV	Max	0.	0.	0.	103.26
441	441	292	SLU_ENV	Max	0.	0.	0.	103.26
441	441	309	SLU_ENV	Max	0.	0.	0.	103.26
441	441	308	SLU_ENV	Max	0.	0.	0.	103.26

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
441	441	290	SLU_ENV	Min	0.	0.	0.	33.95
441	441	292	SLU_ENV	Min	0.	0.	0.	33.95
441	441	309	SLU_ENV	Min	0.	0.	0.	33.95
441	441	308	SLU_ENV	Min	0.	0.	0.	33.95
441	441	290	SLV_Ex		248.462	36.0416	-2.926	224.5
441	441	292	SLV_Ex		30.3802	-9.6762	-34.774	224.5
441	441	309	SLV_Ex		14.8755	-3.1456	-36.909	224.5
441	441	308	SLV_Ex		238.4157	37.1646	-0.204	224.5
442	442	292	SLU_ENV	Max	0.	0.	0.	32.65
442	442	294	SLU_ENV	Max	0.	0.	0.	32.65
442	442	310	SLU_ENV	Max	0.	0.	0.	32.65
442	442	309	SLU_ENV	Max	0.	0.	0.	32.65
442	442	292	SLU_ENV	Min	0.	0.	0.	10.8
442	442	294	SLU_ENV	Min	0.	0.	0.	10.8
442	442	310	SLU_ENV	Min	0.	0.	0.	10.8
442	442	309	SLU_ENV	Min	0.	0.	0.	10.8
442	442	292	SLV_Ex		26.6678	-13.5689	-40.023	193.49
442	442	294	SLV_Ex		-19.2453	-190.6963	-83.791	193.49
442	442	310	SLV_Ex		-21.8584	-187.1848	-87.844	193.49
442	442	309	SLV_Ex		15.7357	-1.6908	-30.335	193.49
443	443	294	SLU_ENV	Max	0.	0.	0.	-10.8
443	443	296	SLU_ENV	Max	0.	0.	0.	-10.8
443	443	311	SLU_ENV	Max	0.	0.	0.	-10.8
443	443	310	SLU_ENV	Max	0.	0.	0.	-10.8
443	443	294	SLU_ENV	Min	0.	0.	0.	-32.66
443	443	296	SLU_ENV	Min	0.	0.	0.	-32.66
443	443	311	SLU_ENV	Min	0.	0.	0.	-32.66
443	443	310	SLU_ENV	Min	0.	0.	0.	-32.66
443	443	294	SLV_Ex		-19.5965	-193.9624	-84.413	153.43
443	443	296	SLV_Ex		-40.677	-350.4028	-87.674	153.43
443	443	311	SLV_Ex		-43.3089	-345.0546	-89.354	153.43
443	443	310	SLV_Ex		-22.628	-188.1745	-87.319	153.43
444	444	296	SLU_ENV	Max	0.	0.	0.	-33.95
444	444	298	SLU_ENV	Max	0.	0.	0.	-33.95
444	444	312	SLU_ENV	Max	0.	0.	0.	-33.95
444	444	311	SLU_ENV	Max	0.	0.	0.	-33.95
444	444	296	SLU_ENV	Min	0.	0.	0.	-103.26
444	444	298	SLU_ENV	Min	0.	0.	0.	-103.26
444	444	312	SLU_ENV	Min	0.	0.	0.	-103.26
444	444	311	SLU_ENV	Min	0.	0.	0.	-103.26
444	444	296	SLV_Ex		-40.614	-354.3766	-88.313	99.68
444	444	298	SLV_Ex		-58.0468	-456.4708	89.864	99.68
444	444	312	SLV_Ex		-61.4564	-445.1378	89.479	99.68
444	444	311	SLV_Ex		-43.9291	-343.106	-88.718	99.68
445	445	298	SLU_ENV	Max	0.	0.	0.	-61.39
445	445	306	SLU_ENV	Max	0.	0.	0.	-61.39
445	445	313	SLU_ENV	Max	0.	0.	0.	-61.39
445	445	312	SLU_ENV	Max	0.	0.	0.	-61.39
445	445	298	SLU_ENV	Min	0.	0.	0.	-188.88
445	445	306	SLU_ENV	Min	0.	0.	0.	-188.88
445	445	313	SLU_ENV	Min	0.	0.	0.	-188.88
445	445	312	SLU_ENV	Min	0.	0.	0.	-188.88
445	445	298	SLV_Ex		-55.3004	-450.8982	89.063	23.93
445	445	306	SLV_Ex		-70.4942	-475.5049	88.576	23.93

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
445	445	313	SLV_Ex		-78.7974	-472.7649	89.763	23.93
445	445	312	SLV_Ex		-63.5892	-448.1347	-89.708	23.93
446	446	306	SLU_ENV	Max	0.	0.	0.	-94.7
446	446	734	SLU_ENV	Max	0.	0.	0.	-94.7
446	446	718	SLU_ENV	Max	0.	0.	0.	-94.7
446	446	313	SLU_ENV	Max	0.	0.	0.	-94.7
446	446	306	SLU_ENV	Min	0.	0.	0.	-294.56
446	446	734	SLU_ENV	Min	0.	0.	0.	-294.56
446	446	718	SLU_ENV	Min	0.	0.	0.	-294.56
446	446	313	SLU_ENV	Min	0.	0.	0.	-294.56
446	446	306	SLV_Ex		-66.273	-476.6424	88.863	-78.93
446	446	734	SLV_Ex		-55.8476	-395.5431	88.902	-78.93
446	446	718	SLV_Ex		-74.6458	-401.1773	89.664	-78.93
446	446	313	SLV_Ex		-85.183	-482.0694	89.487	-78.93
447	447	547	SLU_ENV	Max	0.	0.	0.	282.37
447	447	307	SLU_ENV	Max	0.	0.	0.	282.37
447	447	314	SLU_ENV	Max	0.	0.	0.	282.37
447	447	120	SLU_ENV	Max	0.	0.	0.	282.37
447	447	547	SLU_ENV	Min	0.	0.	0.	93.1
447	447	307	SLU_ENV	Min	0.	0.	0.	93.1
447	447	314	SLU_ENV	Min	0.	0.	0.	93.1
447	447	120	SLU_ENV	Min	0.	0.	0.	93.1
447	447	547	SLV_Ex		766.5351	150.5835	0.749	259.04
447	447	307	SLV_Ex		500.6098	97.6889	-0.166	259.04
447	447	314	SLV_Ex		490.547	95.0763	-0.185	259.04
447	447	120	SLV_Ex		756.1914	148.3381	0.749	259.04
448	448	307	SLU_ENV	Max	0.	0.	0.	183.05
448	448	308	SLU_ENV	Max	0.	0.	0.	183.05
448	448	315	SLU_ENV	Max	0.	0.	0.	183.05
448	448	314	SLU_ENV	Max	0.	0.	0.	183.05
448	448	307	SLU_ENV	Min	0.	0.	0.	60.81
448	448	308	SLU_ENV	Min	0.	0.	0.	60.81
448	448	315	SLU_ENV	Min	0.	0.	0.	60.81
448	448	314	SLU_ENV	Min	0.	0.	0.	60.81
448	448	307	SLV_Ex		495.6053	95.8749	-0.356	248.22
448	448	308	SLV_Ex		240.9838	48.5989	-1.452	248.22
448	448	315	SLV_Ex		238.5683	48.7329	-0.713	248.22
448	448	314	SLV_Ex		492.9771	96.366	3.853E-03	248.22
449	449	308	SLU_ENV	Max	0.	0.	0.	101.04
449	449	309	SLU_ENV	Max	0.	0.	0.	101.04
449	449	316	SLU_ENV	Max	0.	0.	0.	101.04
449	449	315	SLU_ENV	Max	0.	0.	0.	101.04
449	449	308	SLU_ENV	Min	0.	0.	0.	33.83
449	449	309	SLU_ENV	Min	0.	0.	0.	33.83
449	449	316	SLU_ENV	Min	0.	0.	0.	33.83
449	449	315	SLU_ENV	Min	0.	0.	0.	33.83
449	449	308	SLV_Ex		240.7801	48.8407	-1.3	225.99
449	449	309	SLV_Ex		12.114	1.541	-34.227	225.99
449	449	316	SLV_Ex		10.236	2.358	-30.304	225.99
449	449	315	SLV_Ex		239.9426	48.7383	-0.86	225.99
450	450	309	SLU_ENV	Max	0.	0.	0.	32.09
450	450	310	SLU_ENV	Max	0.	0.	0.	32.09
450	450	317	SLU_ENV	Max	0.	0.	0.	32.09
450	450	316	SLU_ENV	Max	0.	0.	0.	32.09

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
450	450	309	SLU_ENV	Min	0.	0.	0.	10.79
450	450	310	SLU_ENV	Min	0.	0.	0.	10.79
450	450	317	SLU_ENV	Min	0.	0.	0.	10.79
450	450	316	SLU_ENV	Min	0.	0.	0.	10.79
450	450	309	SLV_Ex		15.5846	1.7607	-31.509	194.9
450	450	310	SLV_Ex		-28.3766	-188.5975	-87.296	194.9
450	450	317	SLV_Ex		-29.9575	-189.8577	-88.712	194.9
450	450	316	SLV_Ex		10.7724	3.8771	-19.835	194.9
451	451	310	SLU_ENV	Max	0.	0.	0.	-10.79
451	451	311	SLU_ENV	Max	0.	0.	0.	-10.79
451	451	318	SLU_ENV	Max	0.	0.	0.	-10.79
451	451	317	SLU_ENV	Max	0.	0.	0.	-10.79
451	451	310	SLU_ENV	Min	0.	0.	0.	-32.09
451	451	311	SLU_ENV	Min	0.	0.	0.	-32.09
451	451	318	SLU_ENV	Min	0.	0.	0.	-32.09
451	451	317	SLU_ENV	Min	0.	0.	0.	-32.09
451	451	310	SLV_Ex		-28.0627	-189.0611	-87.52	154.84
451	451	311	SLV_Ex		-56.0192	-347.7472	-89.195	154.84
451	451	318	SLV_Ex		-57.8386	-344.8834	-89.74	154.84
451	451	317	SLV_Ex		-29.6795	-186.2848	-88.475	154.84
452	452	311	SLU_ENV	Max	0.	0.	0.	-33.83
452	452	312	SLU_ENV	Max	0.	0.	0.	-33.83
452	452	319	SLU_ENV	Max	0.	0.	0.	-33.83
452	452	318	SLU_ENV	Max	0.	0.	0.	-33.83
452	452	311	SLU_ENV	Min	0.	0.	0.	-101.05
452	452	312	SLU_ENV	Min	0.	0.	0.	-101.05
452	452	319	SLU_ENV	Min	0.	0.	0.	-101.05
452	452	318	SLU_ENV	Min	0.	0.	0.	-101.05
452	452	311	SLV_Ex		-55.1906	-344.6867	-89.572	101.46
452	452	312	SLV_Ex		-77.3285	-448.7888	-89.846	101.46
452	452	319	SLV_Ex		-80.2103	-448.0874	-89.682	101.46
452	452	318	SLV_Ex		-57.9103	-344.091	-89.358	101.46
453	453	312	SLU_ENV	Max	0.	0.	0.	-60.81
453	453	313	SLU_ENV	Max	0.	0.	0.	-60.81
453	453	320	SLU_ENV	Max	0.	0.	0.	-60.81
453	453	319	SLU_ENV	Max	0.	0.	0.	-60.81
453	453	312	SLU_ENV	Min	0.	0.	0.	-183.05
453	453	313	SLU_ENV	Min	0.	0.	0.	-183.05
453	453	320	SLU_ENV	Min	0.	0.	0.	-183.05
453	453	319	SLU_ENV	Min	0.	0.	0.	-183.05
453	453	312	SLV_Ex		-76.4422	-448.1914	-89.897	27.45
453	453	313	SLV_Ex		-84.3395	-476.369	89.943	27.45
453	453	320	SLV_Ex		-88.9606	-476.1504	-89.806	27.45
453	453	319	SLV_Ex		-80.963	-448.0311	-89.631	27.45
454	454	313	SLU_ENV	Max	0.	0.	0.	-93.1
454	454	718	SLU_ENV	Max	0.	0.	0.	-93.1
454	454	331	SLU_ENV	Max	0.	0.	0.	-93.1
454	454	320	SLU_ENV	Max	0.	0.	0.	-93.1
454	454	313	SLU_ENV	Min	0.	0.	0.	-282.37
454	454	718	SLU_ENV	Min	0.	0.	0.	-282.37
454	454	331	SLU_ENV	Min	0.	0.	0.	-282.37
454	454	320	SLU_ENV	Min	0.	0.	0.	-282.37
454	454	313	SLV_Ex		-84.9696	-479.2987	89.829	-73.6
454	454	718	SLV_Ex		-74.3105	-403.8572	89.258	-73.6

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
454	454	331	SLV_Ex		-78.4054	-401.3618	89.819	-73.6
454	454	320	SLV_Ex		-89.0452	-476.853	-89.694	-73.6
455	455	120	SLU_ENV	Max	0.	0.	0.	276.13
455	455	314	SLU_ENV	Max	0.	0.	0.	276.13
455	455	321	SLU_ENV	Max	0.	0.	0.	276.13
455	455	7	SLU_ENV	Max	0.	0.	0.	276.13
455	455	120	SLU_ENV	Min	0.	0.	0.	93.21
455	455	314	SLU_ENV	Min	0.	0.	0.	93.21
455	455	321	SLU_ENV	Min	0.	0.	0.	93.21
455	455	7	SLU_ENV	Min	0.	0.	0.	93.21
455	455	120	SLV_Ex		754.7822	152.2598	0.629	254.08
455	455	314	SLV_Ex		493.8332	100.7511	0.033	254.08
455	455	321	SLV_Ex		484.6538	94.8384	0.073	254.08
455	455	7	SLV_Ex		745.2097	146.6309	0.659	254.08
456	456	314	SLU_ENV	Max	0.	0.	0.	178.15
456	456	315	SLU_ENV	Max	0.	0.	0.	178.15
456	456	322	SLU_ENV	Max	0.	0.	0.	178.15
456	456	321	SLU_ENV	Max	0.	0.	0.	178.15
456	456	314	SLU_ENV	Min	0.	0.	0.	60.63
456	456	315	SLU_ENV	Min	0.	0.	0.	60.63
456	456	322	SLU_ENV	Min	0.	0.	0.	60.63
456	456	321	SLU_ENV	Min	0.	0.	0.	60.63
456	456	314	SLV_Ex		493.2534	99.3933	7.917E-05	247.63
456	456	315	SLV_Ex		239.0656	49.5982	-0.662	247.63
456	456	322	SLV_Ex		235.9	47.1049	-0.44	247.63
456	456	321	SLV_Ex		489.8092	97.1105	0.108	247.63
457	457	315	SLU_ENV	Max	0.	0.	0.	98.39
457	457	316	SLU_ENV	Max	0.	0.	0.	98.39
457	457	323	SLU_ENV	Max	0.	0.	0.	98.39
457	457	322	SLU_ENV	Max	0.	0.	0.	98.39
457	457	315	SLU_ENV	Min	0.	0.	0.	33.71
457	457	316	SLU_ENV	Min	0.	0.	0.	33.71
457	457	323	SLU_ENV	Min	0.	0.	0.	33.71
457	457	322	SLU_ENV	Min	0.	0.	0.	33.71
457	457	315	SLV_Ex		240.2472	49.3978	-0.8	225.97
457	457	316	SLV_Ex		10.4987	2.8895	-33.237	225.97
457	457	323	SLV_Ex		7.788	2.8209	-23.188	225.97
457	457	322	SLV_Ex		238.7084	48.0963	-0.293	225.97
458	458	316	SLU_ENV	Max	0.	0.	0.	31.3
458	458	317	SLU_ENV	Max	0.	0.	0.	31.3
458	458	324	SLU_ENV	Max	0.	0.	0.	31.3
458	458	323	SLU_ENV	Max	0.	0.	0.	31.3
458	458	316	SLU_ENV	Min	0.	0.	0.	10.77
458	458	317	SLU_ENV	Min	0.	0.	0.	10.77
458	458	324	SLU_ENV	Min	0.	0.	0.	10.77
458	458	323	SLU_ENV	Min	0.	0.	0.	10.77
458	458	316	SLV_Ex		11.6378	4.0197	-26.545	195.33
458	458	317	SLV_Ex		-33.4011	-190.4665	-89.036	195.33
458	458	324	SLV_Ex		-34.9247	-190.073	-89.326	195.33
458	458	323	SLV_Ex		10.971	3.5082	-18.358	195.33
459	459	317	SLU_ENV	Max	0.	0.	0.	-10.77
459	459	318	SLU_ENV	Max	0.	0.	0.	-10.77
459	459	325	SLU_ENV	Max	0.	0.	0.	-10.77
459	459	324	SLU_ENV	Max	0.	0.	0.	-10.77

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
459	459	317	SLU_ENV	Min	0.	0.	0.	-31.3
459	459	318	SLU_ENV	Min	0.	0.	0.	-31.3
459	459	325	SLU_ENV	Min	0.	0.	0.	-31.3
459	459	324	SLU_ENV	Min	0.	0.	0.	-31.3
459	459	317	SLV_Ex		-32.721	-186.7024	-89.102	155.42
459	459	318	SLV_Ex		-64.0568	-346.2604	-89.397	155.42
459	459	325	SLV_Ex		-65.918	-347.2164	-89.47	155.42
459	459	324	SLV_Ex		-34.4119	-187.8674	-89.236	155.42
460	460	318	SLU_ENV	Max	0.	0.	0.	-33.71
460	460	319	SLU_ENV	Max	0.	0.	0.	-33.71
460	460	332	SLU_ENV	Max	0.	0.	0.	-33.71
460	460	325	SLU_ENV	Max	0.	0.	0.	-33.71
460	460	318	SLU_ENV	Min	0.	0.	0.	-98.39
460	460	319	SLU_ENV	Min	0.	0.	0.	-98.39
460	460	332	SLU_ENV	Min	0.	0.	0.	-98.39
460	460	325	SLU_ENV	Min	0.	0.	0.	-98.39
460	460	318	SLV_Ex		-63.6213	-344.7339	-89.447	102.01
460	460	319	SLV_Ex		-84.6078	-449.4609	-89.613	102.01
460	460	332	SLV_Ex		-86.7001	-449.4727	-89.589	102.01
460	460	325	SLV_Ex		-65.5854	-344.9015	-89.416	102.01
461	461	319	SLU_ENV	Max	0.	0.	0.	-60.63
461	461	320	SLU_ENV	Max	0.	0.	0.	-60.63
461	461	333	SLU_ENV	Max	0.	0.	0.	-60.63
461	461	332	SLU_ENV	Max	0.	0.	0.	-60.63
461	461	319	SLU_ENV	Min	0.	0.	0.	-178.15
461	461	320	SLU_ENV	Min	0.	0.	0.	-178.15
461	461	333	SLU_ENV	Min	0.	0.	0.	-178.15
461	461	332	SLU_ENV	Min	0.	0.	0.	-178.15
461	461	319	SLV_Ex		-84.6278	-448.4505	-89.71	27.83
461	461	320	SLV_Ex		-91.83	-477.0357	-89.73	27.83
461	461	333	SLV_Ex		-93.5964	-477.3345	-89.525	27.83
461	461	332	SLV_Ex		-86.3444	-448.8193	-89.493	27.83
462	462	320	SLU_ENV	Max	0.	0.	0.	-93.21
462	462	331	SLU_ENV	Max	0.	0.	0.	-93.21
462	462	349	SLU_ENV	Max	0.	0.	0.	-93.21
462	462	333	SLU_ENV	Max	0.	0.	0.	-93.21
462	462	320	SLU_ENV	Min	0.	0.	0.	-276.13
462	462	331	SLU_ENV	Min	0.	0.	0.	-276.13
462	462	349	SLU_ENV	Min	0.	0.	0.	-276.13
462	462	333	SLU_ENV	Min	0.	0.	0.	-276.13
462	462	320	SLV_Ex		-93.4161	-479.3165	-89.696	-77.56
462	462	331	SLV_Ex		-78.5179	-399.7943	89.828	-77.56
462	462	349	SLV_Ex		-77.232	-395.5838	89.989	-77.56
462	462	333	SLV_Ex		-92.05	-475.244	-89.559	-77.56
463	463	7	SLU_ENV	Max	0.	0.	0.	270.4
463	463	321	SLU_ENV	Max	0.	0.	0.	270.4
463	463	334	SLU_ENV	Max	0.	0.	0.	270.4
463	463	35	SLU_ENV	Max	0.	0.	0.	270.4
463	463	7	SLU_ENV	Min	0.	0.	0.	93.73
463	463	321	SLU_ENV	Min	0.	0.	0.	93.73
463	463	334	SLU_ENV	Min	0.	0.	0.	93.73
463	463	35	SLU_ENV	Min	0.	0.	0.	93.73
463	463	7	SLV_Ex		744.2337	150.5999	0.569	250.42
463	463	321	SLV_Ex		487.129	98.4507	0.244	250.42

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
463	463	334	SLV_Ex		480.7812	93.2862	0.111	250.42
463	463	35	SLV_Ex		737.6158	145.6376	0.483	250.42
464	464	321	SLU_ENV	Max	0.	0.	0.	173.65
464	464	322	SLU_ENV	Max	0.	0.	0.	173.65
464	464	335	SLU_ENV	Max	0.	0.	0.	173.65
464	464	334	SLU_ENV	Max	0.	0.	0.	173.65
464	464	321	SLU_ENV	Min	0.	0.	0.	60.75
464	464	322	SLU_ENV	Min	0.	0.	0.	60.75
464	464	335	SLU_ENV	Min	0.	0.	0.	60.75
464	464	334	SLU_ENV	Min	0.	0.	0.	60.75
464	464	321	SLV_Ex		489.3001	98.0275	0.115	245.88
464	464	322	SLV_Ex		236.9093	48.6993	-0.401	245.88
464	464	335	SLV_Ex		233.7333	45.6466	-0.147	245.88
464	464	334	SLV_Ex		485.8752	95.1626	0.237	245.88
465	465	322	SLU_ENV	Max	0.	0.	0.	95.71
465	465	323	SLU_ENV	Max	0.	0.	0.	95.71
465	465	336	SLU_ENV	Max	0.	0.	0.	95.71
465	465	335	SLU_ENV	Max	0.	0.	0.	95.71
465	465	322	SLU_ENV	Min	0.	0.	0.	33.73
465	465	323	SLU_ENV	Min	0.	0.	0.	33.73
465	465	336	SLU_ENV	Min	0.	0.	0.	33.73
465	465	335	SLU_ENV	Min	0.	0.	0.	33.73
465	465	322	SLV_Ex		238.5563	48.5555	-0.31	225.49
465	465	323	SLV_Ex		7.6212	2.2351	-18.189	225.49
465	465	336	SLV_Ex		6.4284	0.5681	-13.522	225.49
465	465	335	SLV_Ex		237.3602	46.8474	-0.229	225.49
466	466	323	SLU_ENV	Max	0.	0.	0.	30.42
466	466	324	SLU_ENV	Max	0.	0.	0.	30.42
466	466	337	SLU_ENV	Max	0.	0.	0.	30.42
466	466	336	SLU_ENV	Max	0.	0.	0.	30.42
466	466	323	SLU_ENV	Min	0.	0.	0.	10.76
466	466	324	SLU_ENV	Min	0.	0.	0.	10.76
466	466	337	SLU_ENV	Min	0.	0.	0.	10.76
466	466	336	SLU_ENV	Min	0.	0.	0.	10.76
466	466	323	SLV_Ex		10.3314	2.6724	-12.432	195.17
466	466	324	SLV_Ex		-36.5003	-190.394	-89.138	195.17
466	466	337	SLV_Ex		-37.9765	-191.4726	-89.246	195.17
466	466	336	SLV_Ex		8.9357	1.4743	-10.337	195.17
467	467	324	SLU_ENV	Max	0.	0.	0.	-10.76
467	467	325	SLU_ENV	Max	0.	0.	0.	-10.76
467	467	338	SLU_ENV	Max	0.	0.	0.	-10.76
467	467	337	SLU_ENV	Max	0.	0.	0.	-10.76
467	467	324	SLU_ENV	Min	0.	0.	0.	-30.42
467	467	325	SLU_ENV	Min	0.	0.	0.	-30.42
467	467	338	SLU_ENV	Min	0.	0.	0.	-30.42
467	467	337	SLU_ENV	Min	0.	0.	0.	-30.42
467	467	324	SLV_Ex		-36.2004	-188.1864	-89.188	155.38
467	467	325	SLV_Ex		-67.9917	-347.6694	-89.51	155.38
467	467	338	SLV_Ex		-69.2148	-348.1289	-89.505	155.38
467	467	337	SLV_Ex		-37.3	-188.8004	-89.178	155.38
468	468	325	SLU_ENV	Max	0.	0.	0.	-33.73
468	468	332	SLU_ENV	Max	0.	0.	0.	-33.73
468	468	339	SLU_ENV	Max	0.	0.	0.	-33.73
468	468	338	SLU_ENV	Max	0.	0.	0.	-33.73

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
468	468	325	SLU_ENV	Min	0.	0.	0.	-95.71
468	468	332	SLU_ENV	Min	0.	0.	0.	-95.71
468	468	339	SLU_ENV	Min	0.	0.	0.	-95.71
468	468	338	SLU_ENV	Min	0.	0.	0.	-95.71
468	468	325	SLV_Ex		-67.8074	-345.3671	-89.526	101.8
468	468	332	SLV_Ex		-88.8296	-449.8747	-89.51	101.8
468	468	339	SLV_Ex		-89.7446	-451.0166	-89.478	101.8
468	468	338	SLV_Ex		-68.6367	-346.6202	-89.485	101.8
469	469	332	SLU_ENV	Max	0.	0.	0.	-60.76
469	469	333	SLU_ENV	Max	0.	0.	0.	-60.76
469	469	340	SLU_ENV	Max	0.	0.	0.	-60.76
469	469	339	SLU_ENV	Max	0.	0.	0.	-60.76
469	469	332	SLU_ENV	Min	0.	0.	0.	-173.66
469	469	333	SLU_ENV	Min	0.	0.	0.	-173.66
469	469	340	SLU_ENV	Min	0.	0.	0.	-173.66
469	469	339	SLU_ENV	Min	0.	0.	0.	-173.66
469	469	332	SLV_Ex		-89.2624	-449.8767	-89.463	26.37
469	469	333	SLV_Ex		-94.1997	-476.9815	-89.554	26.37
469	469	340	SLV_Ex		-93.9945	-476.3572	-89.611	26.37
469	469	339	SLV_Ex		-88.9808	-449.3608	-89.524	26.37
470	470	333	SLU_ENV	Max	0.	0.	0.	-93.73
470	470	349	SLU_ENV	Max	0.	0.	0.	-93.73
470	470	367	SLU_ENV	Max	0.	0.	0.	-93.73
470	470	340	SLU_ENV	Max	0.	0.	0.	-93.73
470	470	333	SLU_ENV	Min	0.	0.	0.	-270.4
470	470	349	SLU_ENV	Min	0.	0.	0.	-270.4
470	470	367	SLU_ENV	Min	0.	0.	0.	-270.4
470	470	340	SLU_ENV	Min	0.	0.	0.	-270.4
470	470	333	SLV_Ex		-95.3487	-477.7813	-89.612	-81.62
470	470	349	SLV_Ex		-79.0652	-394.0672	-89.934	-81.62
470	470	367	SLV_Ex		-76.3799	-390.6202	-89.863	-81.62
470	470	340	SLV_Ex		-92.6176	-474.4179	-89.553	-81.62
471	471	35	SLU_ENV	Max	0.	0.	0.	264.22
471	471	334	SLU_ENV	Max	0.	0.	0.	264.22
471	471	341	SLU_ENV	Max	0.	0.	0.	264.22
471	471	62	SLU_ENV	Max	0.	0.	0.	264.22
471	471	35	SLU_ENV	Min	0.	0.	0.	94.17
471	471	334	SLU_ENV	Min	0.	0.	0.	94.17
471	471	341	SLU_ENV	Min	0.	0.	0.	94.17
471	471	62	SLU_ENV	Min	0.	0.	0.	94.17
471	471	35	SLV_Ex		737.3127	148.2702	0.399	248.49
471	471	334	SLV_Ex		482.2521	96.5315	0.268	248.49
471	471	341	SLV_Ex		478.7025	93.1122	0.143	248.49
471	471	62	SLV_Ex		733.5729	144.998	0.318	248.49
472	472	334	SLU_ENV	Max	0.	0.	0.	169.41
472	472	335	SLU_ENV	Max	0.	0.	0.	169.41
472	472	342	SLU_ENV	Max	0.	0.	0.	169.41
472	472	341	SLU_ENV	Max	0.	0.	0.	169.41
472	472	334	SLU_ENV	Min	0.	0.	0.	60.97
472	472	335	SLU_ENV	Min	0.	0.	0.	60.97
472	472	342	SLU_ENV	Min	0.	0.	0.	60.97
472	472	341	SLU_ENV	Min	0.	0.	0.	60.97
472	472	334	SLV_Ex		485.5584	96.7156	0.219	244.6
472	472	335	SLV_Ex		234.5226	46.4685	-0.056	244.6

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
472	472	342	SLV_Ex		231.9842	44.0513	-0.117	244.6
472	472	341	SLV_Ex		482.8593	94.4217	0.189	244.6
473	473	335	SLU_ENV	Max	0.	0.	0.	93.24
473	473	336	SLU_ENV	Max	0.	0.	0.	93.24
473	473	343	SLU_ENV	Max	0.	0.	0.	93.24
473	473	342	SLU_ENV	Max	0.	0.	0.	93.24
473	473	335	SLU_ENV	Min	0.	0.	0.	33.81
473	473	336	SLU_ENV	Min	0.	0.	0.	33.81
473	473	343	SLU_ENV	Min	0.	0.	0.	33.81
473	473	342	SLU_ENV	Min	0.	0.	0.	33.81
473	473	335	SLV_Ex		237.0419	46.5984	-0.132	224.73
473	473	336	SLV_Ex		6.7809	0.5946	-14.505	224.73
473	473	343	SLV_Ex		5.0388	-0.9063	-11.834	224.73
473	473	342	SLV_Ex		235.2786	45.084	-0.039	224.73
474	474	336	SLU_ENV	Max	0.	0.	0.	29.61
474	474	337	SLU_ENV	Max	0.	0.	0.	29.61
474	474	350	SLU_ENV	Max	0.	0.	0.	29.61
474	474	343	SLU_ENV	Max	0.	0.	0.	29.61
474	474	336	SLU_ENV	Min	0.	0.	0.	10.78
474	474	337	SLU_ENV	Min	0.	0.	0.	10.78
474	474	350	SLU_ENV	Min	0.	0.	0.	10.78
474	474	343	SLU_ENV	Min	0.	0.	0.	10.78
474	474	336	SLV_Ex		8.7086	0.9109	-10.409	194.76
474	474	337	SLV_Ex		-38.5545	-191.4507	-89.318	194.76
474	474	350	SLV_Ex		-39.6805	-192.1622	-89.347	194.76
474	474	343	SLV_Ex		7.8367	-0.0814	-9.597	194.76
475	475	337	SLU_ENV	Max	0.	0.	0.	-10.78
475	475	338	SLU_ENV	Max	0.	0.	0.	-10.78
475	475	351	SLU_ENV	Max	0.	0.	0.	-10.78
475	475	350	SLU_ENV	Max	0.	0.	0.	-10.78
475	475	337	SLU_ENV	Min	0.	0.	0.	-29.61
475	475	338	SLU_ENV	Min	0.	0.	0.	-29.61
475	475	351	SLU_ENV	Min	0.	0.	0.	-29.61
475	475	350	SLU_ENV	Min	0.	0.	0.	-29.61
475	475	337	SLV_Ex		-38.3309	-189.0952	-89.295	154.99
475	475	338	SLV_Ex		-69.8528	-348.1626	-89.46	154.99
475	475	351	SLV_Ex		-70.6622	-349.2496	-89.492	154.99
475	475	350	SLV_Ex		-39.0576	-190.2881	-89.356	154.99
476	476	338	SLU_ENV	Max	0.	0.	0.	-33.81
476	476	339	SLU_ENV	Max	0.	0.	0.	-33.81
476	476	352	SLU_ENV	Max	0.	0.	0.	-33.81
476	476	351	SLU_ENV	Max	0.	0.	0.	-33.81
476	476	338	SLU_ENV	Min	0.	0.	0.	-93.24
476	476	339	SLU_ENV	Min	0.	0.	0.	-93.24
476	476	352	SLU_ENV	Min	0.	0.	0.	-93.24
476	476	351	SLU_ENV	Min	0.	0.	0.	-93.24
476	476	338	SLV_Ex		-69.8724	-347.1033	-89.43	101.07
476	476	339	SLV_Ex		-90.0573	-450.8424	-89.531	101.07
476	476	352	SLV_Ex		-90.3223	-451.0824	-89.599	101.07
476	476	351	SLV_Ex		-70.0675	-347.436	-89.519	101.07
477	477	339	SLU_ENV	Max	0.	0.	0.	-60.97
477	477	340	SLU_ENV	Max	0.	0.	0.	-60.97
477	477	353	SLU_ENV	Max	0.	0.	0.	-60.97
477	477	352	SLU_ENV	Max	0.	0.	0.	-60.97

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
477	477	339	SLU_ENV	Min	0.	0.	0.	-169.42
477	477	340	SLU_ENV	Min	0.	0.	0.	-169.42
477	477	353	SLU_ENV	Min	0.	0.	0.	-169.42
477	477	352	SLU_ENV	Min	0.	0.	0.	-169.42
477	477	339	SLV_Ex		-90.3997	-450.3177	-89.537	24.91
477	477	340	SLV_Ex		-95.0923	-475.9033	-89.599	24.91
477	477	353	SLV_Ex		-94.3724	-475.3976	-89.652	24.91
477	477	352	SLV_Ex		-89.6345	-449.8795	-89.593	24.91
478	478	340	SLU_ENV	Max	0.	0.	0.	-94.17
478	478	367	SLU_ENV	Max	0.	0.	0.	-94.17
478	478	385	SLU_ENV	Max	0.	0.	0.	-94.17
478	478	353	SLU_ENV	Max	0.	0.	0.	-94.17
478	478	340	SLU_ENV	Min	0.	0.	0.	-264.22
478	478	367	SLU_ENV	Min	0.	0.	0.	-264.22
478	478	385	SLU_ENV	Min	0.	0.	0.	-264.22
478	478	353	SLU_ENV	Min	0.	0.	0.	-264.22
478	478	340	SLV_Ex		-95.8494	-476.2515	-89.604	-84.28
478	478	367	SLV_Ex		-78.2684	-389.8077	-89.786	-84.28
478	478	385	SLV_Ex		-75.851	-387.3887	-89.838	-84.28
478	478	353	SLV_Ex		-93.3867	-473.9063	-89.646	-84.28
479	479	62	SLU_ENV	Max	0.	0.	0.	257.44
479	479	341	SLU_ENV	Max	0.	0.	0.	257.44
479	479	354	SLU_ENV	Max	0.	0.	0.	257.44
479	479	89	SLU_ENV	Max	0.	0.	0.	257.44
479	479	62	SLU_ENV	Min	0.	0.	0.	94.47
479	479	341	SLU_ENV	Min	0.	0.	0.	94.47
479	479	354	SLU_ENV	Min	0.	0.	0.	94.47
479	479	89	SLU_ENV	Min	0.	0.	0.	94.47
479	479	62	SLV_Ex		733.5903	146.7112	0.284	247.71
479	479	341	SLV_Ex		479.3864	94.9077	0.22	247.71
479	479	354	SLV_Ex		477.2145	93.0474	0.071	247.71
479	479	89	SLV_Ex		731.3207	144.9278	0.187	247.71
480	480	341	SLU_ENV	Max	0.	0.	0.	164.98
480	480	342	SLU_ENV	Max	0.	0.	0.	164.98
480	480	355	SLU_ENV	Max	0.	0.	0.	164.98
480	480	354	SLU_ENV	Max	0.	0.	0.	164.98
480	480	341	SLU_ENV	Min	0.	0.	0.	61.13
480	480	342	SLU_ENV	Min	0.	0.	0.	61.13
480	480	355	SLU_ENV	Min	0.	0.	0.	61.13
480	480	354	SLU_ENV	Min	0.	0.	0.	61.13
480	480	341	SLV_Ex		482.7334	95.3774	0.167	243.82
480	480	342	SLV_Ex		232.5173	45.1417	-0.019	243.82
480	480	355	SLV_Ex		230.7488	43.6573	-0.114	243.82
480	480	354	SLV_Ex		480.8575	93.9772	0.121	243.82
481	481	342	SLU_ENV	Max	0.	0.	0.	90.74
481	481	343	SLU_ENV	Max	0.	0.	0.	90.74
481	481	356	SLU_ENV	Max	0.	0.	0.	90.74
481	481	355	SLU_ENV	Max	0.	0.	0.	90.74
481	481	342	SLU_ENV	Min	0.	0.	0.	33.88
481	481	343	SLU_ENV	Min	0.	0.	0.	33.88
481	481	356	SLU_ENV	Min	0.	0.	0.	33.88
481	481	355	SLU_ENV	Min	0.	0.	0.	33.88
481	481	342	SLV_Ex		235.1311	45.4795	-0.063	224.2
481	481	343	SLV_Ex		5.2282	-0.5814	-9.697	224.2

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
481	481	356	SLV_Ex		4.0933	-1.655	-9.937	224.2
481	481	355	SLV_Ex		233.9091	44.4748	-0.067	224.2
482	482	343	SLU_ENV	Max	0.	0.	0.	28.81
482	482	350	SLU_ENV	Max	0.	0.	0.	28.81
482	482	357	SLU_ENV	Max	0.	0.	0.	28.81
482	482	356	SLU_ENV	Max	0.	0.	0.	28.81
482	482	343	SLU_ENV	Min	0.	0.	0.	10.8
482	482	350	SLU_ENV	Min	0.	0.	0.	10.8
482	482	357	SLU_ENV	Min	0.	0.	0.	10.8
482	482	356	SLU_ENV	Min	0.	0.	0.	10.8
482	482	343	SLV_Ex		7.587	-0.2724	-7.949	194.35
482	482	350	SLV_Ex		-39.6334	-192.0275	-89.313	194.35
482	482	357	SLV_Ex		-40.4095	-193.0973	-89.394	194.35
482	482	356	SLV_Ex		6.3865	-0.9351	-6.832	194.35
483	483	350	SLU_ENV	Max	0.	0.	0.	-10.8
483	483	351	SLU_ENV	Max	0.	0.	0.	-10.8
483	483	358	SLU_ENV	Max	0.	0.	0.	-10.8
483	483	357	SLU_ENV	Max	0.	0.	0.	-10.8
483	483	350	SLU_ENV	Min	0.	0.	0.	-28.81
483	483	351	SLU_ENV	Min	0.	0.	0.	-28.81
483	483	358	SLU_ENV	Min	0.	0.	0.	-28.81
483	483	357	SLU_ENV	Min	0.	0.	0.	-28.81
483	483	350	SLV_Ex		-39.4555	-190.5097	-89.28	154.56
483	483	351	SLV_Ex		-70.6897	-349.1126	-89.555	154.56
483	483	358	SLV_Ex		-71.1365	-349.5003	-89.628	154.56
483	483	357	SLV_Ex		-39.8555	-190.9589	-89.416	154.56
484	484	351	SLU_ENV	Max	0.	0.	0.	-33.88
484	484	352	SLU_ENV	Max	0.	0.	0.	-33.88
484	484	359	SLU_ENV	Max	0.	0.	0.	-33.88
484	484	358	SLU_ENV	Max	0.	0.	0.	-33.88
484	484	351	SLU_ENV	Min	0.	0.	0.	-90.74
484	484	352	SLU_ENV	Min	0.	0.	0.	-90.74
484	484	359	SLU_ENV	Min	0.	0.	0.	-90.74
484	484	358	SLU_ENV	Min	0.	0.	0.	-90.74
484	484	351	SLV_Ex		-70.6454	-347.8118	-89.537	100.43
484	484	352	SLV_Ex		-90.6185	-450.8801	-89.595	100.43
484	484	359	SLV_Ex		-90.6763	-451.2472	-89.677	100.43
484	484	358	SLV_Ex		-70.666	-348.2295	-89.644	100.43
485	485	352	SLU_ENV	Max	0.	0.	0.	-61.13
485	485	353	SLU_ENV	Max	0.	0.	0.	-61.13
485	485	360	SLU_ENV	Max	0.	0.	0.	-61.13
485	485	359	SLU_ENV	Max	0.	0.	0.	-61.13
485	485	352	SLU_ENV	Min	0.	0.	0.	-164.98
485	485	353	SLU_ENV	Min	0.	0.	0.	-164.98
485	485	360	SLU_ENV	Min	0.	0.	0.	-164.98
485	485	359	SLU_ENV	Min	0.	0.	0.	-164.98
485	485	352	SLV_Ex		-90.8272	-450.59	-89.584	23.82
485	485	353	SLV_Ex		-94.9724	-475.0456	-89.661	23.82
485	485	360	SLV_Ex		-94.345	-474.4183	-89.758	23.82
485	485	359	SLV_Ex		-90.1629	-450.0157	-89.687	23.82
486	486	353	SLU_ENV	Max	0.	0.	0.	-94.47
486	486	385	SLU_ENV	Max	0.	0.	0.	-94.47
486	486	403	SLU_ENV	Max	0.	0.	0.	-94.47
486	486	360	SLU_ENV	Max	0.	0.	0.	-94.47

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
486	486	353	SLU_ENV	Min	0.	0.	0.	-257.44
486	486	385	SLU_ENV	Min	0.	0.	0.	-257.44
486	486	403	SLU_ENV	Min	0.	0.	0.	-257.44
486	486	360	SLU_ENV	Min	0.	0.	0.	-257.44
486	486	353	SLV_Ex		-95.3843	-475.0401	-89.678	-85.87
486	486	385	SLV_Ex		-77.3381	-386.9511	-89.784	-85.87
486	486	403	SLV_Ex		-75.7184	-385.3616	-89.86	-85.87
486	486	360	SLV_Ex		-93.7456	-473.4843	-89.74	-85.87
487	487	89	SLU_ENV	Max	0.	0.	0.	250.06
487	487	354	SLU_ENV	Max	0.	0.	0.	250.06
487	487	361	SLU_ENV	Max	0.	0.	0.	250.06
487	487	142	SLU_ENV	Max	0.	0.	0.	250.06
487	487	89	SLU_ENV	Min	0.	0.	0.	94.59
487	487	354	SLU_ENV	Min	0.	0.	0.	94.59
487	487	361	SLU_ENV	Min	0.	0.	0.	94.59
487	487	142	SLU_ENV	Min	0.	0.	0.	94.59
487	487	89	SLV_Ex		731.3988	145.7194	0.156	247.46
487	487	354	SLV_Ex		477.4799	93.9734	0.143	247.46
487	487	361	SLV_Ex		476.5704	93.4334	-2.302E-03	247.46
487	487	142	SLV_Ex		730.4427	145.2171	0.061	247.46
488	488	354	SLU_ENV	Max	0.	0.	0.	160.24
488	488	355	SLU_ENV	Max	0.	0.	0.	160.24
488	488	368	SLU_ENV	Max	0.	0.	0.	160.24
488	488	361	SLU_ENV	Max	0.	0.	0.	160.24
488	488	354	SLU_ENV	Min	0.	0.	0.	61.2
488	488	355	SLU_ENV	Min	0.	0.	0.	61.2
488	488	368	SLU_ENV	Min	0.	0.	0.	61.2
488	488	361	SLU_ENV	Min	0.	0.	0.	61.2
488	488	354	SLV_Ex		480.8806	94.6182	0.096	243.55
488	488	355	SLV_Ex		230.993	44.3608	-0.011	243.55
488	488	368	SLV_Ex		230.025	43.8556	-0.119	243.55
488	488	361	SLV_Ex		479.8871	94.1334	0.044	243.55
489	489	355	SLU_ENV	Max	0.	0.	0.	88.12
489	489	356	SLU_ENV	Max	0.	0.	0.	88.12
489	489	369	SLU_ENV	Max	0.	0.	0.	88.12
489	489	368	SLU_ENV	Max	0.	0.	0.	88.12
489	489	355	SLU_ENV	Min	0.	0.	0.	33.92
489	489	356	SLU_ENV	Min	0.	0.	0.	33.92
489	489	369	SLU_ENV	Min	0.	0.	0.	33.92
489	489	368	SLU_ENV	Min	0.	0.	0.	33.92
489	489	355	SLV_Ex		233.8978	44.9013	-0.051	223.96
489	489	356	SLV_Ex		4.2494	-1.1947	-9.365	223.96
489	489	369	SLV_Ex		3.315	-1.7043	-11.312	223.96
489	489	368	SLV_Ex		232.8806	44.4676	-0.078	223.96
490	490	356	SLU_ENV	Max	0.	0.	0.	27.97
490	490	357	SLU_ENV	Max	0.	0.	0.	27.97
490	490	370	SLU_ENV	Max	0.	0.	0.	27.97
490	490	369	SLU_ENV	Max	0.	0.	0.	27.97
490	490	356	SLU_ENV	Min	0.	0.	0.	10.81
490	490	357	SLU_ENV	Min	0.	0.	0.	10.81
490	490	370	SLU_ENV	Min	0.	0.	0.	10.81
490	490	369	SLU_ENV	Min	0.	0.	0.	10.81
490	490	356	SLV_Ex		6.3802	-0.7963	-8.269	194.12
490	490	357	SLV_Ex		-40.1512	-192.951	-89.503	194.12

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
490	490	370	SLV_Ex		-40.4818	-193.3932	-89.58	194.12
490	490	369	SLV_Ex		5.8635	-1.0572	-6.817	194.12
491	491	357	SLU_ENV	Max	0.	0.	0.	-10.82
491	491	358	SLU_ENV	Max	0.	0.	0.	-10.82
491	491	371	SLU_ENV	Max	0.	0.	0.	-10.82
491	491	370	SLU_ENV	Max	0.	0.	0.	-10.82
491	491	357	SLU_ENV	Min	0.	0.	0.	-27.97
491	491	358	SLU_ENV	Min	0.	0.	0.	-27.97
491	491	371	SLU_ENV	Min	0.	0.	0.	-27.97
491	491	370	SLU_ENV	Min	0.	0.	0.	-27.97
491	491	357	SLV_Ex		-39.8604	-191.0666	-89.465	154.28
491	491	358	SLV_Ex		-71.0252	-349.3687	-89.624	154.28
491	491	371	SLV_Ex		-71.2248	-349.9268	-89.702	154.28
491	491	370	SLV_Ex		-40.0454	-191.6447	-89.609	154.28
492	492	358	SLU_ENV	Max	0.	0.	0.	-33.92
492	492	359	SLU_ENV	Max	0.	0.	0.	-33.92
492	492	372	SLU_ENV	Max	0.	0.	0.	-33.92
492	492	371	SLU_ENV	Max	0.	0.	0.	-33.92
492	492	358	SLU_ENV	Min	0.	0.	0.	-88.12
492	492	359	SLU_ENV	Min	0.	0.	0.	-88.12
492	492	372	SLU_ENV	Min	0.	0.	0.	-88.12
492	492	371	SLU_ENV	Min	0.	0.	0.	-88.12
492	492	358	SLV_Ex		-70.9012	-348.4499	-89.607	100.04
492	492	359	SLV_Ex		-90.7906	-451.0965	-89.716	100.04
492	492	372	SLV_Ex		-90.743	-450.9138	-89.8	100.04
492	492	371	SLV_Ex		-70.8373	-348.2898	-89.716	100.04
493	493	359	SLU_ENV	Max	0.	0.	0.	-61.2
493	493	360	SLU_ENV	Max	0.	0.	0.	-61.2
493	493	373	SLU_ENV	Max	0.	0.	0.	-61.2
493	493	372	SLU_ENV	Max	0.	0.	0.	-61.2
493	493	359	SLU_ENV	Min	0.	0.	0.	-160.24
493	493	360	SLU_ENV	Min	0.	0.	0.	-160.24
493	493	373	SLU_ENV	Min	0.	0.	0.	-160.24
493	493	372	SLU_ENV	Min	0.	0.	0.	-160.24
493	493	359	SLV_Ex		-90.789	-450.4058	-89.703	23.22
493	493	360	SLV_Ex		-94.7643	-474.2369	-89.743	23.22
493	493	373	SLV_Ex		-94.43	-473.9404	-89.849	23.22
493	493	372	SLV_Ex		-90.4477	-450.1212	-89.814	23.22
494	494	360	SLU_ENV	Max	0.	0.	0.	-94.59
494	494	403	SLU_ENV	Max	0.	0.	0.	-94.59
494	494	421	SLU_ENV	Max	0.	0.	0.	-94.59
494	494	373	SLU_ENV	Max	0.	0.	0.	-94.59
494	494	360	SLU_ENV	Min	0.	0.	0.	-250.06
494	494	403	SLU_ENV	Min	0.	0.	0.	-250.06
494	494	421	SLU_ENV	Min	0.	0.	0.	-250.06
494	494	373	SLU_ENV	Min	0.	0.	0.	-250.06
494	494	360	SLV_Ex		-94.9133	-474.1077	-89.762	-86.7
494	494	403	SLV_Ex		-76.6591	-385.1598	-89.819	-86.7
494	494	421	SLV_Ex		-75.8671	-384.2118	-89.901	-86.7
494	494	373	SLV_Ex		-94.1045	-473.1853	-89.829	-86.7
495	495	142	SLU_ENV	Max	0.	0.	0.	242.18
495	495	361	SLU_ENV	Max	0.	0.	0.	242.18
495	495	374	SLU_ENV	Max	0.	0.	0.	242.18
495	495	169	SLU_ENV	Max	0.	0.	0.	242.18

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
495	495	142	SLU_ENV	Min	0.	0.	0.	94.51
495	495	361	SLU_ENV	Min	0.	0.	0.	94.51
495	495	374	SLU_ENV	Min	0.	0.	0.	94.51
495	495	169	SLU_ENV	Min	0.	0.	0.	94.51
495	495	142	SLV_Ex		730.5258	145.119	0.045	247.62
495	495	361	SLV_Ex		476.4943	93.5666	0.048	247.62
495	495	374	SLV_Ex		476.4619	94.4093	-0.064	247.62
495	495	169	SLV_Ex		730.5283	145.9362	-0.028	247.62
496	496	361	SLU_ENV	Max	0.	0.	0.	155.21
496	496	368	SLU_ENV	Max	0.	0.	0.	155.21
496	496	375	SLU_ENV	Max	0.	0.	0.	155.21
496	496	374	SLU_ENV	Max	0.	0.	0.	155.21
496	496	361	SLU_ENV	Min	0.	0.	0.	61.17
496	496	368	SLU_ENV	Min	0.	0.	0.	61.17
496	496	375	SLU_ENV	Min	0.	0.	0.	61.17
496	496	374	SLU_ENV	Min	0.	0.	0.	61.17
496	496	361	SLV_Ex		480.0327	94.4598	0.025	243.73
496	496	368	SLV_Ex		229.9809	44.0427	-0.027	243.73
496	496	375	SLV_Ex		229.7309	44.4909	-0.164	243.73
496	496	374	SLV_Ex		479.8051	94.8931	-0.041	243.73
497	497	368	SLU_ENV	Max	0.	0.	0.	85.36
497	497	369	SLU_ENV	Max	0.	0.	0.	85.36
497	497	376	SLU_ENV	Max	0.	0.	0.	85.36
497	497	375	SLU_ENV	Max	0.	0.	0.	85.36
497	497	368	SLU_ENV	Min	0.	0.	0.	33.91
497	497	369	SLU_ENV	Min	0.	0.	0.	33.91
497	497	376	SLU_ENV	Min	0.	0.	0.	33.91
497	497	375	SLU_ENV	Min	0.	0.	0.	33.91
497	497	368	SLV_Ex		232.9887	44.7876	-0.117	223.99
497	497	369	SLV_Ex		3.3072	-1.0356	-9.219	223.99
497	497	376	SLV_Ex		2.8952	-0.823	-8.283	223.99
497	497	375	SLV_Ex		232.6536	44.9328	-0.07	223.99
498	498	369	SLU_ENV	Max	0.	0.	0.	27.1
498	498	370	SLU_ENV	Max	0.	0.	0.	27.1
498	498	377	SLU_ENV	Max	0.	0.	0.	27.1
498	498	376	SLU_ENV	Max	0.	0.	0.	27.1
498	498	369	SLU_ENV	Min	0.	0.	0.	10.82
498	498	370	SLU_ENV	Min	0.	0.	0.	10.82
498	498	377	SLU_ENV	Min	0.	0.	0.	10.82
498	498	376	SLU_ENV	Min	0.	0.	0.	10.82
498	498	369	SLV_Ex		5.9093	-0.4181	-5.683	194.08
498	498	370	SLV_Ex		-40.0716	-193.2727	-89.56	194.08
498	498	377	SLV_Ex		-40.0127	-193.9872	-89.572	194.08
498	498	376	SLV_Ex		5.2205	-0.3802	-6.15	194.08
499	499	370	SLU_ENV	Max	0.	0.	0.	-10.82
499	499	371	SLU_ENV	Max	0.	0.	0.	-10.82
499	499	378	SLU_ENV	Max	0.	0.	0.	-10.82
499	499	377	SLU_ENV	Max	0.	0.	0.	-10.82
499	499	370	SLU_ENV	Min	0.	0.	0.	-27.1
499	499	371	SLU_ENV	Min	0.	0.	0.	-27.1
499	499	378	SLU_ENV	Min	0.	0.	0.	-27.1
499	499	377	SLU_ENV	Min	0.	0.	0.	-27.1
499	499	370	SLV_Ex		-39.6891	-191.6487	-89.522	154.18
499	499	371	SLV_Ex		-71.0456	-349.8161	-89.772	154.18

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
499	499	378	SLV_Ex		-70.8905	-349.5919	-89.815	154.18
499	499	377	SLV_Ex		-39.553	-191.4019	-89.6	154.18
500	500	371	SLU_ENV	Max	0.	0.	0.	-33.91
500	500	372	SLU_ENV	Max	0.	0.	0.	-33.91
500	500	379	SLU_ENV	Max	0.	0.	0.	-33.91
500	500	378	SLU_ENV	Max	0.	0.	0.	-33.91
500	500	371	SLU_ENV	Min	0.	0.	0.	-85.36
500	500	372	SLU_ENV	Min	0.	0.	0.	-85.36
500	500	379	SLU_ENV	Min	0.	0.	0.	-85.36
500	500	378	SLU_ENV	Min	0.	0.	0.	-85.36
500	500	371	SLV_Ex		-70.7756	-348.3393	-89.736	99.91
500	500	372	SLV_Ex		-90.6368	-450.8299	-89.796	99.91
500	500	379	SLV_Ex		-90.4499	-450.8108	-89.882	99.91
500	500	378	SLV_Ex		-70.606	-348.2993	-89.849	99.91
501	501	372	SLU_ENV	Max	0.	0.	0.	-61.17
501	501	373	SLU_ENV	Max	0.	0.	0.	-61.17
501	501	386	SLU_ENV	Max	0.	0.	0.	-61.17
501	501	379	SLU_ENV	Max	0.	0.	0.	-61.17
501	501	372	SLU_ENV	Min	0.	0.	0.	-155.21
501	501	373	SLU_ENV	Min	0.	0.	0.	-155.21
501	501	386	SLU_ENV	Min	0.	0.	0.	-155.21
501	501	379	SLU_ENV	Min	0.	0.	0.	-155.21
501	501	372	SLV_Ex		-90.4506	-450.1863	-89.805	23.15
501	501	373	SLV_Ex		-94.7224	-473.9344	-89.859	23.15
501	501	386	SLV_Ex		-94.5722	-473.5248	-89.923	23.15
501	501	379	SLV_Ex		-90.3005	-449.7754	-89.872	23.15
502	502	373	SLU_ENV	Max	0.	0.	0.	-94.51
502	502	421	SLU_ENV	Max	0.	0.	0.	-94.51
502	502	439	SLU_ENV	Max	0.	0.	0.	-94.51
502	502	386	SLU_ENV	Max	0.	0.	0.	-94.51
502	502	373	SLU_ENV	Min	0.	0.	0.	-242.18
502	502	421	SLU_ENV	Min	0.	0.	0.	-242.18
502	502	439	SLU_ENV	Min	0.	0.	0.	-242.18
502	502	386	SLU_ENV	Min	0.	0.	0.	-242.18
502	502	373	SLV_Ex		-94.5157	-473.3309	-89.857	-86.84
502	502	421	SLV_Ex		-76.2392	-384.2229	-89.853	-86.84
502	502	439	SLV_Ex		-76.2939	-384.0427	-89.936	-86.84
502	502	386	SLV_Ex		-94.5805	-473.1362	-89.925	-86.84
503	503	169	SLU_ENV	Max	0.	0.	0.	233.86
503	503	374	SLU_ENV	Max	0.	0.	0.	233.86
503	503	387	SLU_ENV	Max	0.	0.	0.	233.86
503	503	196	SLU_ENV	Max	0.	0.	0.	233.86
503	503	169	SLU_ENV	Min	0.	0.	0.	94.25
503	503	374	SLU_ENV	Min	0.	0.	0.	94.25
503	503	387	SLU_ENV	Min	0.	0.	0.	94.25
503	503	196	SLU_ENV	Min	0.	0.	0.	94.25
503	503	169	SLV_Ex		730.7537	145.0034	-0.083	248.56
503	503	374	SLV_Ex		475.7741	93.0247	0.046	248.56
503	503	387	SLV_Ex		477.7084	95.5257	-0.094	248.56
503	503	196	SLV_Ex		732.7799	147.4396	-0.174	248.56
504	504	374	SLU_ENV	Max	0.	0.	0.	149.99
504	504	375	SLU_ENV	Max	0.	0.	0.	149.99
504	504	388	SLU_ENV	Max	0.	0.	0.	149.99
504	504	387	SLU_ENV	Max	0.	0.	0.	149.99

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
504	504	374	SLU_ENV	Min	0.	0.	0.	61.07
504	504	375	SLU_ENV	Min	0.	0.	0.	61.07
504	504	388	SLU_ENV	Min	0.	0.	0.	61.07
504	504	387	SLU_ENV	Min	0.	0.	0.	61.07
504	504	374	SLV_Ex		480.0752	94.3848	-0.059	244.36
504	504	375	SLV_Ex		229.4256	44.829	-0.077	244.36
504	504	388	SLV_Ex		229.8034	46.1393	0.071	244.36
504	504	387	SLV_Ex		480.5778	95.6008	0.012	244.36
505	505	375	SLU_ENV	Max	0.	0.	0.	82.55
505	505	376	SLU_ENV	Max	0.	0.	0.	82.55
505	505	389	SLU_ENV	Max	0.	0.	0.	82.55
505	505	388	SLU_ENV	Max	0.	0.	0.	82.55
505	505	375	SLU_ENV	Min	0.	0.	0.	33.89
505	505	376	SLU_ENV	Min	0.	0.	0.	33.89
505	505	389	SLU_ENV	Min	0.	0.	0.	33.89
505	505	388	SLU_ENV	Min	0.	0.	0.	33.89
505	505	375	SLV_Ex		232.9343	45.8107	9.226E-03	224.34
505	505	376	SLV_Ex		2.934	-0.3869	-11.177	224.34
505	505	389	SLV_Ex		2.292	0.0776	-20.227	224.34
505	505	388	SLV_Ex		232.2396	46.3474	-0.017	224.34
506	506	376	SLU_ENV	Max	0.	0.	0.	26.21
506	506	377	SLU_ENV	Max	0.	0.	0.	26.21
506	506	390	SLU_ENV	Max	0.	0.	0.	26.21
506	506	389	SLU_ENV	Max	0.	0.	0.	26.21
506	506	376	SLU_ENV	Min	0.	0.	0.	10.81
506	506	377	SLU_ENV	Min	0.	0.	0.	10.81
506	506	390	SLU_ENV	Min	0.	0.	0.	10.81
506	506	389	SLU_ENV	Min	0.	0.	0.	10.81
506	506	376	SLV_Ex		5.4211	0.2893	-8.77	194.11
506	506	377	SLV_Ex		-39.1556	-193.8118	-89.688	194.11
506	506	390	SLV_Ex		-38.6545	-193.854	-89.762	194.11
506	506	389	SLV_Ex		5.4244	0.763	-7.148	194.11
507	507	377	SLU_ENV	Max	0.	0.	0.	-10.81
507	507	378	SLU_ENV	Max	0.	0.	0.	-10.81
507	507	391	SLU_ENV	Max	0.	0.	0.	-10.81
507	507	390	SLU_ENV	Max	0.	0.	0.	-10.81
507	507	377	SLU_ENV	Min	0.	0.	0.	-26.21
507	507	378	SLU_ENV	Min	0.	0.	0.	-26.21
507	507	391	SLU_ENV	Min	0.	0.	0.	-26.21
507	507	390	SLU_ENV	Min	0.	0.	0.	-26.21
507	507	377	SLV_Ex		-38.6752	-191.294	-89.713	154.12
507	507	378	SLV_Ex		-70.2277	-349.3891	-89.775	154.12
507	507	391	SLV_Ex		-69.6723	-349.7439	-89.783	154.12
507	507	390	SLV_Ex		-38.1765	-191.5799	-89.728	154.12
508	508	378	SLU_ENV	Max	0.	0.	0.	-33.89
508	508	379	SLU_ENV	Max	0.	0.	0.	-33.89
508	508	392	SLU_ENV	Max	0.	0.	0.	-33.89
508	508	391	SLU_ENV	Max	0.	0.	0.	-33.89
508	508	378	SLU_ENV	Min	0.	0.	0.	-82.55
508	508	379	SLU_ENV	Min	0.	0.	0.	-82.55
508	508	392	SLU_ENV	Min	0.	0.	0.	-82.55
508	508	391	SLU_ENV	Min	0.	0.	0.	-82.55
508	508	378	SLV_Ex		-69.9179	-348.217	-89.786	99.97
508	508	379	SLV_Ex		-90.5001	-450.7663	-89.942	99.97

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
508	508	392	SLV_Ex		-89.7895	-449.7801	-89.929	99.97
508	508	391	SLV_Ex		-69.2374	-347.1931	-89.769	99.97
509	509	379	SLU_ENV	Max	0.	0.	0.	-61.07
509	509	386	SLU_ENV	Max	0.	0.	0.	-61.07
509	509	393	SLU_ENV	Max	0.	0.	0.	-61.07
509	509	392	SLU_ENV	Max	0.	0.	0.	-61.07
509	509	379	SLU_ENV	Min	0.	0.	0.	-149.99
509	509	386	SLU_ENV	Min	0.	0.	0.	-149.99
509	509	393	SLU_ENV	Min	0.	0.	0.	-149.99
509	509	392	SLU_ENV	Min	0.	0.	0.	-149.99
509	509	379	SLV_Ex		-90.1594	-449.5714	-89.885	23.48
509	509	386	SLV_Ex		-94.2773	-473.6414	-89.912	23.48
509	509	393	SLV_Ex		-93.8745	-473.4079	89.992	23.48
509	509	392	SLV_Ex		-89.7924	-449.2892	-89.986	23.48
510	510	386	SLU_ENV	Max	0.	0.	0.	-94.25
510	510	439	SLU_ENV	Max	0.	0.	0.	-94.25
510	510	457	SLU_ENV	Max	0.	0.	0.	-94.25
510	510	393	SLU_ENV	Max	0.	0.	0.	-94.25
510	510	386	SLU_ENV	Min	0.	0.	0.	-233.86
510	510	439	SLU_ENV	Min	0.	0.	0.	-233.86
510	510	457	SLU_ENV	Min	0.	0.	0.	-233.86
510	510	393	SLU_ENV	Min	0.	0.	0.	-233.86
510	510	386	SLV_Ex		-93.6642	-472.5949	-89.97	-85.97
510	510	439	SLV_Ex		-76.2197	-384.3867	-89.868	-85.97
510	510	457	SLV_Ex		-76.8223	-385.1744	-89.842	-85.97
510	510	393	SLV_Ex		-94.2705	-473.3657	-89.948	-85.97
511	511	196	SLU_ENV	Max	0.	0.	0.	225.36
511	511	387	SLU_ENV	Max	0.	0.	0.	225.36
511	511	394	SLU_ENV	Max	0.	0.	0.	225.36
511	511	223	SLU_ENV	Max	0.	0.	0.	225.36
511	511	196	SLU_ENV	Min	0.	0.	0.	93.9
511	511	387	SLU_ENV	Min	0.	0.	0.	93.9
511	511	394	SLU_ENV	Min	0.	0.	0.	93.9
511	511	223	SLU_ENV	Min	0.	0.	0.	93.9
511	511	196	SLV_Ex		733.5047	145.1751	-0.231	250.92
511	511	387	SLV_Ex		476.164	93.6731	0.019	250.92
511	511	394	SLV_Ex		480.0386	97.6098	0.013	250.92
511	511	223	SLV_Ex		737.6044	148.953	-0.235	250.92
512	512	387	SLU_ENV	Max	0.	0.	0.	144.88
512	512	388	SLU_ENV	Max	0.	0.	0.	144.88
512	512	395	SLU_ENV	Max	0.	0.	0.	144.88
512	512	394	SLU_ENV	Max	0.	0.	0.	144.88
512	512	387	SLU_ENV	Min	0.	0.	0.	61.
512	512	388	SLU_ENV	Min	0.	0.	0.	61.
512	512	395	SLU_ENV	Min	0.	0.	0.	61.
512	512	394	SLU_ENV	Min	0.	0.	0.	61.
512	512	387	SLV_Ex		481.0995	95.6552	6.055E-03	245.65
512	512	388	SLV_Ex		229.1501	45.4225	0.138	245.65
512	512	395	SLV_Ex		229.8708	46.8899	0.177	245.65
512	512	394	SLV_Ex		481.9807	97.0032	0.024	245.65
513	513	388	SLU_ENV	Max	0.	0.	0.	79.87
513	513	389	SLU_ENV	Max	0.	0.	0.	79.87
513	513	396	SLU_ENV	Max	0.	0.	0.	79.87
513	513	395	SLU_ENV	Max	0.	0.	0.	79.87

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
513	513	388	SLU_ENV	Min	0.	0.	0.	33.9
513	513	389	SLU_ENV	Min	0.	0.	0.	33.9
513	513	396	SLU_ENV	Min	0.	0.	0.	33.9
513	513	395	SLU_ENV	Min	0.	0.	0.	33.9
513	513	388	SLV_Ex		232.4517	46.4535	-0.047	224.58
513	513	389	SLV_Ex		2.4962	1.4997	-36.758	224.58
513	513	396	SLV_Ex		3.0898	1.2186	58.015	224.58
513	513	395	SLV_Ex		232.2648	46.9924	0.361	224.58
514	514	389	SLU_ENV	Max	0.	0.	0.	25.39
514	514	390	SLU_ENV	Max	0.	0.	0.	25.39
514	514	397	SLU_ENV	Max	0.	0.	0.	25.39
514	514	396	SLU_ENV	Max	0.	0.	0.	25.39
514	514	389	SLU_ENV	Min	0.	0.	0.	10.83
514	514	390	SLU_ENV	Min	0.	0.	0.	10.83
514	514	397	SLU_ENV	Min	0.	0.	0.	10.83
514	514	396	SLU_ENV	Min	0.	0.	0.	10.83
514	514	389	SLV_Ex		5.5986	2.5115	1.573	194.07
514	514	390	SLV_Ex		-37.0756	-193.4538	-89.571	194.07
514	514	397	SLV_Ex		-36.3845	-195.0178	-89.643	194.07
514	514	396	SLV_Ex		4.2409	3.0231	13.116	194.07
515	515	390	SLU_ENV	Max	0.	0.	0.	-10.83
515	515	391	SLU_ENV	Max	0.	0.	0.	-10.83
515	515	404	SLU_ENV	Max	0.	0.	0.	-10.83
515	515	397	SLU_ENV	Max	0.	0.	0.	-10.83
515	515	390	SLU_ENV	Min	0.	0.	0.	-25.39
515	515	391	SLU_ENV	Min	0.	0.	0.	-25.39
515	515	404	SLU_ENV	Min	0.	0.	0.	-25.39
515	515	397	SLU_ENV	Min	0.	0.	0.	-25.39
515	515	390	SLV_Ex		-36.6571	-191.4595	-89.606	153.89
515	515	391	SLV_Ex		-68.2694	-349.2813	-89.873	153.89
515	515	404	SLV_Ex		-67.0302	-348.5344	-89.866	153.89
515	515	397	SLV_Ex		-35.5187	-190.592	-89.593	153.89
516	516	391	SLU_ENV	Max	0.	0.	0.	-33.9
516	516	392	SLU_ENV	Max	0.	0.	0.	-33.9
516	516	405	SLU_ENV	Max	0.	0.	0.	-33.9
516	516	404	SLU_ENV	Max	0.	0.	0.	-33.9
516	516	391	SLU_ENV	Min	0.	0.	0.	-79.87
516	516	392	SLU_ENV	Min	0.	0.	0.	-79.87
516	516	405	SLU_ENV	Min	0.	0.	0.	-79.87
516	516	404	SLU_ENV	Min	0.	0.	0.	-79.87
516	516	391	SLV_Ex		-68.0724	-347.0892	-89.853	99.73
516	516	392	SLV_Ex		-88.3707	-449.3655	-89.875	99.73
516	516	405	SLV_Ex		-86.6627	-449.1689	-89.899	99.73
516	516	404	SLV_Ex		-66.442	-346.8016	-89.884	99.73
517	517	392	SLU_ENV	Max	0.	0.	0.	-61.
517	517	393	SLU_ENV	Max	0.	0.	0.	-61.
517	517	406	SLU_ENV	Max	0.	0.	0.	-61.
517	517	405	SLU_ENV	Max	0.	0.	0.	-61.
517	517	392	SLU_ENV	Min	0.	0.	0.	-144.88
517	517	393	SLU_ENV	Min	0.	0.	0.	-144.88
517	517	406	SLU_ENV	Min	0.	0.	0.	-144.88
517	517	405	SLU_ENV	Min	0.	0.	0.	-144.88
517	517	392	SLV_Ex		-88.244	-448.8732	-89.958	24.09
517	517	393	SLV_Ex		-94.2061	-473.5809	89.963	24.09

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
517	517	406	SLV_Ex		-92.3786	-472.5697	-89.899	24.09
517	517	405	SLV_Ex		-86.4252	-447.847	-89.813	24.09
518	518	393	SLU_ENV	Max	0.	0.	0.	-93.9
518	518	457	SLU_ENV	Max	0.	0.	0.	-93.9
518	518	475	SLU_ENV	Max	0.	0.	0.	-93.9
518	518	406	SLU_ENV	Max	0.	0.	0.	-93.9
518	518	393	SLU_ENV	Min	0.	0.	0.	-225.36
518	518	457	SLU_ENV	Min	0.	0.	0.	-225.36
518	518	475	SLU_ENV	Min	0.	0.	0.	-225.36
518	518	406	SLU_ENV	Min	0.	0.	0.	-225.36
518	518	393	SLV_Ex		-93.315	-472.1845	-89.99	-83.88
518	518	457	SLV_Ex		-76.4672	-386.0958	-89.778	-83.88
518	518	475	SLV_Ex		-76.3048	-387.5642	-89.728	-83.88
518	518	406	SLV_Ex		-93.1935	-473.5789	-89.948	-83.88
519	519	223	SLU_ENV	Max	0.	0.	0.	217.55
519	519	394	SLU_ENV	Max	0.	0.	0.	217.55
519	519	407	SLU_ENV	Max	0.	0.	0.	217.55
519	519	250	SLU_ENV	Max	0.	0.	0.	217.55
519	519	223	SLU_ENV	Min	0.	0.	0.	93.83
519	519	394	SLU_ENV	Min	0.	0.	0.	93.83
519	519	407	SLU_ENV	Min	0.	0.	0.	93.83
519	519	250	SLU_ENV	Min	0.	0.	0.	93.83
519	519	223	SLV_Ex		739.0698	145.9535	-0.387	255.51
519	519	394	SLV_Ex		477.0298	92.7352	0.277	255.51
519	519	407	SLV_Ex		485.0204	95.6544	0.165	255.51
519	519	250	SLV_Ex		747.3319	148.6895	-0.454	255.51
520	520	394	SLU_ENV	Max	0.	0.	0.	140.55
520	520	395	SLU_ENV	Max	0.	0.	0.	140.55
520	520	408	SLU_ENV	Max	0.	0.	0.	140.55
520	520	407	SLU_ENV	Max	0.	0.	0.	140.55
520	520	394	SLU_ENV	Min	0.	0.	0.	61.21
520	520	395	SLU_ENV	Min	0.	0.	0.	61.21
520	520	408	SLU_ENV	Min	0.	0.	0.	61.21
520	520	407	SLU_ENV	Min	0.	0.	0.	61.21
520	520	394	SLV_Ex		482.0113	94.7219	0.015	246.3
520	520	395	SLV_Ex		229.4641	47.2813	0.245	246.3
520	520	408	SLV_Ex		230.188	47.0069	1.118	246.3
520	520	407	SLV_Ex		482.9936	94.2474	0.427	246.3
521	521	395	SLU_ENV	Max	0.	0.	0.	77.66
521	521	396	SLU_ENV	Max	0.	0.	0.	77.66
521	521	409	SLU_ENV	Max	0.	0.	0.	77.66
521	521	408	SLU_ENV	Max	0.	0.	0.	77.66
521	521	395	SLU_ENV	Min	0.	0.	0.	34.06
521	521	396	SLU_ENV	Min	0.	0.	0.	34.06
521	521	409	SLU_ENV	Min	0.	0.	0.	34.06
521	521	408	SLU_ENV	Min	0.	0.	0.	34.06
521	521	395	SLV_Ex		232.1997	47.633	0.496	224.46
521	521	396	SLV_Ex		3.1514	1.7218	63.561	224.46
521	521	409	SLV_Ex		3.7561	-0.3764	61.881	224.46
521	521	408	SLV_Ex		230.9934	47.3853	0.857	224.46
522	522	396	SLU_ENV	Max	0.	0.	0.	24.69
522	522	397	SLU_ENV	Max	0.	0.	0.	24.69
522	522	410	SLU_ENV	Max	0.	0.	0.	24.69
522	522	409	SLU_ENV	Max	0.	0.	0.	24.69

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
522	522	396	SLU_ENV	Min	0.	0.	0.	10.87
522	522	397	SLU_ENV	Min	0.	0.	0.	10.87
522	522	410	SLU_ENV	Min	0.	0.	0.	10.87
522	522	409	SLU_ENV	Min	0.	0.	0.	10.87
522	522	396	SLV_Ex		4.3174	2.94	-23.372	193.44
522	522	397	SLV_Ex		-32.8871	-194.2192	-89.965	193.44
522	522	410	SLV_Ex		-31.8907	-193.7488	88.866	193.44
522	522	409	SLV_Ex		7.2391	1.5358	39.528	193.44
523	523	397	SLU_ENV	Max	0.	0.	0.	-10.87
523	523	404	SLU_ENV	Max	0.	0.	0.	-10.87
523	523	411	SLU_ENV	Max	0.	0.	0.	-10.87
523	523	410	SLU_ENV	Max	0.	0.	0.	-10.87
523	523	397	SLU_ENV	Min	0.	0.	0.	-24.69
523	523	404	SLU_ENV	Min	0.	0.	0.	-24.69
523	523	411	SLU_ENV	Min	0.	0.	0.	-24.69
523	523	410	SLU_ENV	Min	0.	0.	0.	-24.69
523	523	397	SLV_Ex		-32.6985	-190.3043	89.855	152.98
523	523	404	SLV_Ex		-61.5431	-347.1685	-89.586	152.98
523	523	411	SLV_Ex		-59.9053	-350.1217	89.955	152.98
523	523	410	SLV_Ex		-31.1872	-193.0975	89.047	152.98
524	524	404	SLU_ENV	Max	0.	0.	0.	-34.06
524	524	405	SLU_ENV	Max	0.	0.	0.	-34.06
524	524	412	SLU_ENV	Max	0.	0.	0.	-34.06
524	524	411	SLU_ENV	Max	0.	0.	0.	-34.06
524	524	404	SLU_ENV	Min	0.	0.	0.	-77.66
524	524	405	SLU_ENV	Min	0.	0.	0.	-77.66
524	524	412	SLU_ENV	Min	0.	0.	0.	-77.66
524	524	411	SLU_ENV	Min	0.	0.	0.	-77.66
524	524	404	SLV_Ex		-61.9275	-346.597	-89.926	98.69
524	524	405	SLV_Ex		-83.4269	-447.8231	-89.88	98.69
524	524	412	SLV_Ex		-80.1093	-447.7231	-89.706	98.69
524	524	411	SLV_Ex		-58.6766	-346.4308	-89.703	98.69
525	525	405	SLU_ENV	Max	0.	0.	0.	-61.21
525	525	406	SLU_ENV	Max	0.	0.	0.	-61.21
525	525	413	SLU_ENV	Max	0.	0.	0.	-61.21
525	525	412	SLU_ENV	Max	0.	0.	0.	-61.21
525	525	405	SLU_ENV	Min	0.	0.	0.	-140.55
525	525	406	SLU_ENV	Min	0.	0.	0.	-140.55
525	525	413	SLU_ENV	Min	0.	0.	0.	-140.55
525	525	412	SLU_ENV	Min	0.	0.	0.	-140.55
525	525	405	SLV_Ex		-84.3443	-447.8891	-89.876	23.23
525	525	406	SLV_Ex		-90.3464	-471.7044	-89.842	23.23
525	525	413	SLV_Ex		-85.0513	-471.0215	-89.682	23.23
525	525	412	SLV_Ex		-79.0945	-447.1699	-89.708	23.23
526	526	406	SLU_ENV	Max	0.	0.	0.	-93.83
526	526	475	SLU_ENV	Max	0.	0.	0.	-93.83
526	526	493	SLU_ENV	Max	0.	0.	0.	-93.83
526	526	413	SLU_ENV	Max	0.	0.	0.	-93.83
526	526	406	SLU_ENV	Min	0.	0.	0.	-217.55
526	526	475	SLU_ENV	Min	0.	0.	0.	-217.55
526	526	493	SLU_ENV	Min	0.	0.	0.	-217.55
526	526	413	SLU_ENV	Min	0.	0.	0.	-217.55
526	526	406	SLV_Ex		-90.3931	-471.8989	-89.988	-80.96
526	526	475	SLV_Ex		-77.1913	-388.8651	-89.671	-80.96

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
526	526	493	SLV_Ex		-72.2662	-390.1381	-89.128	-80.96
526	526	413	SLV_Ex		-85.46	-473.1672	-89.537	-80.96
527	527	250	SLU_ENV	Max	0.	0.	0.	218.44
527	527	407	SLU_ENV	Max	0.	0.	0.	218.44
527	527	414	SLU_ENV	Max	0.	0.	0.	218.44
527	527	277	SLU_ENV	Max	0.	0.	0.	218.44
527	527	250	SLU_ENV	Min	0.	0.	0.	90.43
527	527	407	SLU_ENV	Min	0.	0.	0.	90.43
527	527	414	SLU_ENV	Min	0.	0.	0.	90.43
527	527	277	SLU_ENV	Min	0.	0.	0.	90.43
527	527	250	SLV_Ex		747.0221	144.7515	-0.4	256.34
527	527	407	SLV_Ex		484.1404	93.704	0.11	256.34
527	527	414	SLV_Ex		488.758	85.6865	0.304	256.34
527	527	277	SLV_Ex		751.906	136.4963	-0.262	256.34
528	528	407	SLU_ENV	Max	0.	0.	0.	141.06
528	528	408	SLU_ENV	Max	0.	0.	0.	141.06
528	528	415	SLU_ENV	Max	0.	0.	0.	141.06
528	528	414	SLU_ENV	Max	0.	0.	0.	141.06
528	528	407	SLU_ENV	Min	0.	0.	0.	58.8
528	528	408	SLU_ENV	Min	0.	0.	0.	58.8
528	528	415	SLU_ENV	Min	0.	0.	0.	58.8
528	528	414	SLU_ENV	Min	0.	0.	0.	58.8
528	528	407	SLV_Ex		480.8793	90.992	0.319	244.6
528	528	408	SLV_Ex		230.1002	39.0896	1.351	244.6
528	528	415	SLV_Ex		232.1062	34.9143	0.882	244.6
528	528	414	SLV_Ex		483.0884	86.6117	0.102	244.6
529	529	408	SLU_ENV	Max	0.	0.	0.	77.65
529	529	409	SLU_ENV	Max	0.	0.	0.	77.65
529	529	422	SLU_ENV	Max	0.	0.	0.	77.65
529	529	415	SLU_ENV	Max	0.	0.	0.	77.65
529	529	408	SLU_ENV	Min	0.	0.	0.	32.66
529	529	409	SLU_ENV	Min	0.	0.	0.	32.66
529	529	422	SLU_ENV	Min	0.	0.	0.	32.66
529	529	415	SLU_ENV	Min	0.	0.	0.	32.66
529	529	408	SLV_Ex		228.9286	37.9502	-0.218	222.84
529	529	409	SLV_Ex		6.7675	-3.9851	49.491	222.84
529	529	422	SLV_Ex		19.4779	-9.9245	38.837	222.84
529	529	415	SLV_Ex		237.1428	36.5915	2.381	222.84
530	530	409	SLU_ENV	Max	0.	0.	0.	24.64
530	530	410	SLU_ENV	Max	0.	0.	0.	24.64
530	530	423	SLU_ENV	Max	0.	0.	0.	24.64
530	530	422	SLU_ENV	Max	0.	0.	0.	24.64
530	530	409	SLU_ENV	Min	0.	0.	0.	10.41
530	530	410	SLU_ENV	Min	0.	0.	0.	10.41
530	530	423	SLU_ENV	Min	0.	0.	0.	10.41
530	530	422	SLU_ENV	Min	0.	0.	0.	10.41
530	530	409	SLV_Ex		7.2129	-1.1181	35.721	191.7
530	530	410	SLV_Ex		-24.5386	-192.1051	89.258	191.7
530	530	423	SLV_Ex		-22.9717	-195.6756	85.356	191.7
530	530	422	SLV_Ex		17.8021	-13.6359	44.486	191.7
531	531	410	SLU_ENV	Max	0.	0.	0.	-10.41
531	531	411	SLU_ENV	Max	0.	0.	0.	-10.41
531	531	424	SLU_ENV	Max	0.	0.	0.	-10.41
531	531	423	SLU_ENV	Max	0.	0.	0.	-10.41

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
531	531	410	SLU_ENV	Min	0.	0.	0.	-24.64
531	531	411	SLU_ENV	Min	0.	0.	0.	-24.64
531	531	424	SLU_ENV	Min	0.	0.	0.	-24.64
531	531	423	SLU_ENV	Min	0.	0.	0.	-24.64
531	531	410	SLV_Ex		-25.4424	-192.3657	88.745	151.09
531	531	411	SLV_Ex		-46.7914	-347.1256	-89.878	151.09
531	531	424	SLV_Ex		-44.4908	-352.6598	88.486	151.09
531	531	423	SLV_Ex		-22.846	-198.1424	85.922	151.09
532	532	411	SLU_ENV	Max	0.	0.	0.	-32.66
532	532	412	SLU_ENV	Max	0.	0.	0.	-32.66
532	532	425	SLU_ENV	Max	0.	0.	0.	-32.66
532	532	424	SLU_ENV	Max	0.	0.	0.	-32.66
532	532	411	SLU_ENV	Min	0.	0.	0.	-77.66
532	532	412	SLU_ENV	Min	0.	0.	0.	-77.66
532	532	425	SLU_ENV	Min	0.	0.	0.	-77.66
532	532	424	SLU_ENV	Min	0.	0.	0.	-77.66
532	532	411	SLV_Ex		-47.7479	-345.2193	89.462	96.22
532	532	412	SLV_Ex		-65.3629	-443.9289	-89.073	96.22
532	532	425	SLV_Ex		-61.4949	-454.6805	-89.381	96.22
532	532	424	SLV_Ex		-43.944	-355.8933	89.142	96.22
533	533	412	SLU_ENV	Max	0.	0.	0.	-58.8
533	533	413	SLU_ENV	Max	0.	0.	0.	-58.8
533	533	426	SLU_ENV	Max	0.	0.	0.	-58.8
533	533	425	SLU_ENV	Max	0.	0.	0.	-58.8
533	533	412	SLU_ENV	Min	0.	0.	0.	-141.06
533	533	413	SLU_ENV	Min	0.	0.	0.	-141.06
533	533	426	SLU_ENV	Min	0.	0.	0.	-141.06
533	533	425	SLU_ENV	Min	0.	0.	0.	-141.06
533	533	412	SLV_Ex		-68.0891	-447.8288	-89.835	18.92
533	533	413	SLV_Ex		-81.1053	-467.3759	-89.574	18.92
533	533	426	SLV_Ex		-71.3069	-467.9317	-88.392	18.92
533	533	425	SLV_Ex		-58.224	-448.5498	-88.628	18.92
534	534	413	SLU_ENV	Max	0.	0.	0.	-90.43
534	534	493	SLU_ENV	Max	0.	0.	0.	-90.43
534	534	511	SLU_ENV	Max	0.	0.	0.	-90.43
534	534	426	SLU_ENV	Max	0.	0.	0.	-90.43
534	534	413	SLU_ENV	Min	0.	0.	0.	-218.44
534	534	493	SLU_ENV	Min	0.	0.	0.	-218.44
534	534	511	SLU_ENV	Min	0.	0.	0.	-218.44
534	534	426	SLU_ENV	Min	0.	0.	0.	-218.44
534	534	413	SLV_Ex		-87.3108	-476.1322	-89.263	-86.05
534	534	493	SLV_Ex		-74.1566	-387.9143	-89.45	-86.05
534	534	511	SLV_Ex		-54.2458	-381.4151	-88.773	-86.05
534	534	426	SLV_Ex		-67.3174	-469.8453	-88.719	-86.05
535	535	277	SLU_ENV	Max	0.	0.	0.	225.64
535	535	414	SLU_ENV	Max	0.	0.	0.	225.64
535	535	427	SLU_ENV	Max	0.	0.	0.	225.64
535	535	304	SLU_ENV	Max	0.	0.	0.	225.64
535	535	277	SLU_ENV	Min	0.	0.	0.	85.47
535	535	414	SLU_ENV	Min	0.	0.	0.	85.47
535	535	427	SLU_ENV	Min	0.	0.	0.	85.47
535	535	304	SLU_ENV	Min	0.	0.	0.	85.47
535	535	277	SLV_Ex		737.3901	122.0376	-0.365	236.05
535	535	414	SLV_Ex		494.843	57.811	0.469	236.05

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
535	535	427	SLV_Ex		499.7117	30.5642	-1.315	236.05
535	535	304	SLV_Ex		741.7988	94.8311	-1.618	236.05
536	536	414	SLU_ENV	Max	0.	0.	0.	142.42
536	536	415	SLU_ENV	Max	0.	0.	0.	142.42
536	536	428	SLU_ENV	Max	0.	0.	0.	142.42
536	536	427	SLU_ENV	Max	0.	0.	0.	142.42
536	536	414	SLU_ENV	Min	0.	0.	0.	56.19
536	536	415	SLU_ENV	Min	0.	0.	0.	56.19
536	536	428	SLU_ENV	Min	0.	0.	0.	56.19
536	536	427	SLU_ENV	Min	0.	0.	0.	56.19
536	536	414	SLV_Ex		473.9037	44.52	-1.614	238.44
536	536	415	SLV_Ex		230.4172	13.8132	4.229	238.44
536	536	428	SLV_Ex		268.6847	7.9056	7.358	238.44
536	536	427	SLV_Ex		509.4011	41.4614	0.625	238.44
537	537	415	SLU_ENV	Max	0.	0.	0.	77.81
537	537	422	SLU_ENV	Max	0.	0.	0.	77.81
537	537	429	SLU_ENV	Max	0.	0.	0.	77.81
537	537	428	SLU_ENV	Max	0.	0.	0.	77.81
537	537	415	SLU_ENV	Min	0.	0.	0.	31.34
537	537	422	SLU_ENV	Min	0.	0.	0.	31.34
537	537	429	SLU_ENV	Min	0.	0.	0.	31.34
537	537	428	SLU_ENV	Min	0.	0.	0.	31.34
537	537	415	SLV_Ex		232.5328	11.7862	2.306	219.22
537	537	422	SLV_Ex		19.0324	-9.4138	39.251	219.22
537	537	429	SLV_Ex		52.948	-38.4608	41.054	219.22
537	537	428	SLV_Ex		245.6903	3.6254	9.701	219.22
538	538	422	SLU_ENV	Max	0.	0.	0.	24.64
538	538	423	SLU_ENV	Max	0.	0.	0.	24.64
538	538	430	SLU_ENV	Max	0.	0.	0.	24.64
538	538	429	SLU_ENV	Max	0.	0.	0.	24.64
538	538	422	SLU_ENV	Min	0.	0.	0.	10.02
538	538	423	SLU_ENV	Min	0.	0.	0.	10.02
538	538	430	SLU_ENV	Min	0.	0.	0.	10.02
538	538	429	SLU_ENV	Min	0.	0.	0.	10.02
538	538	422	SLV_Ex		17.0837	-15.6863	42.845	189.15
538	538	423	SLV_Ex		-8.9365	-192.7217	85.806	189.15
538	538	430	SLV_Ex		-1.1882	-204.0689	78.406	189.15
538	538	429	SLV_Ex		41.8467	-43.9074	45.252	189.15
539	539	423	SLU_ENV	Max	0.	0.	0.	-10.02
539	539	424	SLU_ENV	Max	0.	0.	0.	-10.02
539	539	431	SLU_ENV	Max	0.	0.	0.	-10.02
539	539	430	SLU_ENV	Max	0.	0.	0.	-10.02
539	539	423	SLU_ENV	Min	0.	0.	0.	-24.64
539	539	424	SLU_ENV	Min	0.	0.	0.	-24.64
539	539	431	SLU_ENV	Min	0.	0.	0.	-24.64
539	539	430	SLU_ENV	Min	0.	0.	0.	-24.64
539	539	423	SLV_Ex		-10.3571	-196.43	84.964	148.67
539	539	424	SLV_Ex		-19.1975	-347.2847	89.236	148.67
539	539	431	SLV_Ex		-16.0936	-364.4541	85.85	148.67
539	539	430	SLV_Ex		-4.2726	-216.4765	79.784	148.67
540	540	424	SLU_ENV	Max	0.	0.	0.	-31.34
540	540	425	SLU_ENV	Max	0.	0.	0.	-31.34
540	540	432	SLU_ENV	Max	0.	0.	0.	-31.34
540	540	431	SLU_ENV	Max	0.	0.	0.	-31.34

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
540	540	424	SLU_ENV	Min	0.	0.	0.	-77.81
540	540	425	SLU_ENV	Min	0.	0.	0.	-77.81
540	540	432	SLU_ENV	Min	0.	0.	0.	-77.81
540	540	431	SLU_ENV	Min	0.	0.	0.	-77.81
540	540	424	SLV_Ex		-21.0527	-352.0117	88.547	92.94
540	540	425	SLV_Ex		-26.0709	-447.1932	-88.925	92.94
540	540	432	SLV_Ex		-23.4289	-467.6581	89.383	92.94
540	540	431	SLV_Ex		-17.4732	-373.3874	86.601	92.94
541	541	425	SLU_ENV	Max	0.	0.	0.	-56.19
541	541	426	SLU_ENV	Max	0.	0.	0.	-56.19
541	541	433	SLU_ENV	Max	0.	0.	0.	-56.19
541	541	432	SLU_ENV	Max	0.	0.	0.	-56.19
541	541	425	SLU_ENV	Min	0.	0.	0.	-142.42
541	541	426	SLU_ENV	Min	0.	0.	0.	-142.42
541	541	433	SLU_ENV	Min	0.	0.	0.	-142.42
541	541	432	SLU_ENV	Min	0.	0.	0.	-142.42
541	541	425	SLV_Ex		-28.4548	-445.5141	89.598	12.44
541	541	426	SLV_Ex		-39.7832	-459.6597	-86.801	12.44
541	541	433	SLV_Ex		-33.4999	-493.4039	-85.944	12.44
541	541	432	SLV_Ex		-22.9953	-478.5076	-89.23	12.44
542	542	426	SLU_ENV	Max	0.	0.	0.	-85.47
542	542	511	SLU_ENV	Max	0.	0.	0.	-85.47
542	542	529	SLU_ENV	Max	0.	0.	0.	-85.47
542	542	433	SLU_ENV	Max	0.	0.	0.	-85.47
542	542	426	SLU_ENV	Min	0.	0.	0.	-225.64
542	542	511	SLU_ENV	Min	0.	0.	0.	-225.64
542	542	529	SLU_ENV	Min	0.	0.	0.	-225.64
542	542	433	SLU_ENV	Min	0.	0.	0.	-225.64
542	542	426	SLV_Ex		-52.7845	-481.6271	-88.101	-110.69
542	542	511	SLV_Ex		-61.0722	-368.2471	-89.682	-110.69
542	542	529	SLV_Ex		-27.7645	-348.0131	-84.726	-110.69
542	542	433	SLV_Ex		-17.9223	-463.4769	-84.592	-110.69
543	543	440	SLU_ENV	Max	0.	0.	0.	-24.25
543	543	583	SLU_ENV	Max	0.	0.	0.	-24.25
543	543	565	SLU_ENV	Max	0.	0.	0.	-24.25
543	543	441	SLU_ENV	Max	0.	0.	0.	-24.25
543	543	440	SLU_ENV	Min	0.	0.	0.	-85.37
543	543	583	SLU_ENV	Min	0.	0.	0.	-85.37
543	543	565	SLU_ENV	Min	0.	0.	0.	-85.37
543	543	441	SLU_ENV	Min	0.	0.	0.	-85.37
543	543	440	SLV_Ex		11.4854	-43.6549	33.841	39.5
543	543	583	SLV_Ex		-27.7757	-83.667	34.89	39.5
543	543	565	SLV_Ex		-36.1746	-40.2017	67.717	39.5
543	543	441	SLV_Ex		2.0757	0.5333	57.888	39.5
544	544	441	SLU_ENV	Max	0.	0.	0.	-22.64
544	544	565	SLU_ENV	Max	0.	0.	0.	-22.64
544	544	547	SLU_ENV	Max	0.	0.	0.	-22.64
544	544	442	SLU_ENV	Max	0.	0.	0.	-22.64
544	544	441	SLU_ENV	Min	0.	0.	0.	-74.04
544	544	565	SLU_ENV	Min	0.	0.	0.	-74.04
544	544	547	SLU_ENV	Min	0.	0.	0.	-74.04
544	544	442	SLU_ENV	Min	0.	0.	0.	-74.04
544	544	441	SLV_Ex		-10.6848	-28.1376	-2.023	20.13
544	544	565	SLV_Ex		-23.5346	-32.4581	70.41	20.13

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
544	544	547	SLV_Ex		-6.6395	-29.1365	63.453	20.13
544	544	442	SLV_Ex		-1.6738	-16.9139	23.428	20.13
545	545	442	SLU_ENV	Max	0.	0.	0.	-21.65
545	545	547	SLU_ENV	Max	0.	0.	0.	-21.65
545	545	120	SLU_ENV	Max	0.	0.	0.	-21.65
545	545	443	SLU_ENV	Max	0.	0.	0.	-21.65
545	545	442	SLU_ENV	Min	0.	0.	0.	-68.67
545	545	547	SLU_ENV	Min	0.	0.	0.	-68.67
545	545	120	SLU_ENV	Min	0.	0.	0.	-68.67
545	545	443	SLU_ENV	Min	0.	0.	0.	-68.67
545	545	442	SLV_Ex		5.0602	-9.0382	40.038	23.36
545	545	547	SLV_Ex		-4.013	-27.6284	69.857	23.36
545	545	120	SLV_Ex		-4.7872	-27.8784	66.763	23.36
545	545	443	SLV_Ex		5.5087	-10.3684	37.668	23.36
546	546	443	SLU_ENV	Max	0.	0.	0.	-21.97
546	546	120	SLU_ENV	Max	0.	0.	0.	-21.97
546	546	7	SLU_ENV	Max	0.	0.	0.	-21.97
546	546	444	SLU_ENV	Max	0.	0.	0.	-21.97
546	546	443	SLU_ENV	Min	0.	0.	0.	-68.25
546	546	120	SLU_ENV	Min	0.	0.	0.	-68.25
546	546	7	SLU_ENV	Min	0.	0.	0.	-68.25
546	546	444	SLU_ENV	Min	0.	0.	0.	-68.25
546	546	443	SLV_Ex		12.5108	-4.4997	47.645	27.32
546	546	120	SLV_Ex		-0.227	-27.2494	72.91	27.32
546	546	7	SLV_Ex		-7.0307	-28.9081	73.576	27.32
546	546	444	SLV_Ex		6.6462	-7.1217	40.839	27.32
547	547	444	SLU_ENV	Max	0.	0.	0.	-22.33
547	547	7	SLU_ENV	Max	0.	0.	0.	-22.33
547	547	35	SLU_ENV	Max	0.	0.	0.	-22.33
547	547	445	SLU_ENV	Max	0.	0.	0.	-22.33
547	547	444	SLU_ENV	Min	0.	0.	0.	-67.78
547	547	7	SLU_ENV	Min	0.	0.	0.	-67.78
547	547	35	SLU_ENV	Min	0.	0.	0.	-67.78
547	547	445	SLU_ENV	Min	0.	0.	0.	-67.78
547	547	444	SLV_Ex		10.5026	-2.5685	50.006	28.74
547	547	7	SLV_Ex		-1.1092	-28.2996	76.149	28.74
547	547	35	SLV_Ex		-7.2629	-28.9224	77.518	28.74
547	547	445	SLV_Ex		5.3419	-4.2129	39.411	28.74
548	548	445	SLU_ENV	Max	0.	0.	0.	-22.49
548	548	35	SLU_ENV	Max	0.	0.	0.	-22.49
548	548	62	SLU_ENV	Max	0.	0.	0.	-22.49
548	548	446	SLU_ENV	Max	0.	0.	0.	-22.49
548	548	445	SLU_ENV	Min	0.	0.	0.	-66.46
548	548	35	SLU_ENV	Min	0.	0.	0.	-66.46
548	548	62	SLU_ENV	Min	0.	0.	0.	-66.46
548	548	446	SLU_ENV	Min	0.	0.	0.	-66.46
548	548	445	SLV_Ex		7.7902	-1.8359	48.159	28.91
548	548	35	SLV_Ex		-3.308	-28.1075	79.399	28.91
548	548	62	SLV_Ex		-7.4232	-28.7228	82.119	28.91
548	548	446	SLV_Ex		3.865	-2.6633	38.992	28.91
549	549	446	SLU_ENV	Max	0.	0.	0.	-22.58
549	549	62	SLU_ENV	Max	0.	0.	0.	-22.58
549	549	89	SLU_ENV	Max	0.	0.	0.	-22.58
549	549	447	SLU_ENV	Max	0.	0.	0.	-22.58

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
549	549	446	SLU_ENV	Min	0.	0.	0.	-64.8
549	549	62	SLU_ENV	Min	0.	0.	0.	-64.8
549	549	89	SLU_ENV	Min	0.	0.	0.	-64.8
549	549	447	SLU_ENV	Min	0.	0.	0.	-64.8
549	549	446	SLV_Ex		4.9019	-1.1873	46.43	28.75
549	549	62	SLV_Ex		-4.8875	-28.2318	82.405	28.75
549	549	89	SLV_Ex		-7.0687	-28.2918	85.21	28.75
549	549	447	SLV_Ex		2.5732	-1.1142	35.742	28.75
550	550	447	SLU_ENV	Max	0.	0.	0.	-22.6
550	550	89	SLU_ENV	Max	0.	0.	0.	-22.6
550	550	142	SLU_ENV	Max	0.	0.	0.	-22.6
550	550	448	SLU_ENV	Max	0.	0.	0.	-22.6
550	550	447	SLU_ENV	Min	0.	0.	0.	-62.94
550	550	89	SLU_ENV	Min	0.	0.	0.	-62.94
550	550	142	SLU_ENV	Min	0.	0.	0.	-62.94
550	550	448	SLU_ENV	Min	0.	0.	0.	-62.94
550	550	447	SLV_Ex		3.1332	-0.5604	41.655	28.66
550	550	89	SLV_Ex		-5.9545	-28.0492	85.59	28.66
550	550	142	SLV_Ex		-6.5467	-28.1903	88.59	28.66
550	550	448	SLV_Ex		1.6524	0.1817	33.1	28.66
551	551	448	SLU_ENV	Max	0.	0.	0.	-22.58
551	551	142	SLU_ENV	Max	0.	0.	0.	-22.58
551	551	169	SLU_ENV	Max	0.	0.	0.	-22.58
551	551	449	SLU_ENV	Max	0.	0.	0.	-22.58
551	551	448	SLU_ENV	Min	0.	0.	0.	-60.96
551	551	142	SLU_ENV	Min	0.	0.	0.	-60.96
551	551	169	SLU_ENV	Min	0.	0.	0.	-60.96
551	551	449	SLU_ENV	Min	0.	0.	0.	-60.96
551	551	448	SLV_Ex		1.502	0.2847	28.456	28.71
551	551	142	SLV_Ex		-6.6956	-28.2561	88.111	28.71
551	551	169	SLV_Ex		-5.6217	-27.7743	-88.604	28.71
551	551	449	SLV_Ex		2.4125	0.9314	-43.822	28.71
552	552	449	SLU_ENV	Max	0.	0.	0.	-22.46
552	552	169	SLU_ENV	Max	0.	0.	0.	-22.46
552	552	196	SLU_ENV	Max	0.	0.	0.	-22.46
552	552	450	SLU_ENV	Max	0.	0.	0.	-22.46
552	552	449	SLU_ENV	Min	0.	0.	0.	-58.81
552	552	169	SLU_ENV	Min	0.	0.	0.	-58.81
552	552	196	SLU_ENV	Min	0.	0.	0.	-58.81
552	552	450	SLU_ENV	Min	0.	0.	0.	-58.81
552	552	449	SLV_Ex		1.7059	0.0131	-25.521	28.69
552	552	169	SLV_Ex		-7.1275	-28.0331	-88.331	28.69
552	552	196	SLV_Ex		-4.0178	-27.566	-85.066	28.69
552	552	450	SLV_Ex		4.8012	0.5031	-52.907	28.69
553	553	450	SLU_ENV	Max	0.	0.	0.	-22.21
553	553	196	SLU_ENV	Max	0.	0.	0.	-22.21
553	553	223	SLU_ENV	Max	0.	0.	0.	-22.21
553	553	451	SLU_ENV	Max	0.	0.	0.	-22.21
553	553	450	SLU_ENV	Min	0.	0.	0.	-56.39
553	553	196	SLU_ENV	Min	0.	0.	0.	-56.39
553	553	223	SLU_ENV	Min	0.	0.	0.	-56.39
553	553	451	SLU_ENV	Min	0.	0.	0.	-56.39
553	553	450	SLV_Ex		3.4608	-1.9637	-42.224	27.89
553	553	196	SLV_Ex		-7.4711	-27.6549	-86.09	27.89

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
553	553	223	SLV_Ex		-2.4955	-25.5201	-81.341	27.89
553	553	451	SLV_Ex		9.1035	-0.49	-48.851	27.89
554	554	451	SLU_ENV	Max	0.	0.	0.	-21.89
554	554	223	SLU_ENV	Max	0.	0.	0.	-21.89
554	554	250	SLU_ENV	Max	0.	0.	0.	-21.89
554	554	458	SLU_ENV	Max	0.	0.	0.	-21.89
554	554	451	SLU_ENV	Min	0.	0.	0.	-53.74
554	554	223	SLU_ENV	Min	0.	0.	0.	-53.74
554	554	250	SLU_ENV	Min	0.	0.	0.	-53.74
554	554	458	SLU_ENV	Min	0.	0.	0.	-53.74
554	554	451	SLV_Ex		4.1487	-4.5427	-38.168	24.52
554	554	223	SLV_Ex		-6.4122	-25.1274	-77.513	24.52
554	554	250	SLV_Ex		-3.6577	-24.6696	-76.375	24.52
554	554	458	SLV_Ex		6.4984	-3.6873	-43.161	24.52
555	555	458	SLU_ENV	Max	0.	0.	0.	-22.1
555	555	250	SLU_ENV	Max	0.	0.	0.	-22.1
555	555	277	SLU_ENV	Max	0.	0.	0.	-22.1
555	555	459	SLU_ENV	Max	0.	0.	0.	-22.1
555	555	458	SLU_ENV	Min	0.	0.	0.	-53.61
555	555	250	SLU_ENV	Min	0.	0.	0.	-53.61
555	555	277	SLU_ENV	Min	0.	0.	0.	-53.61
555	555	459	SLU_ENV	Min	0.	0.	0.	-53.61
555	555	458	SLV_Ex		-0.8779	-11.8089	-19.698	20.12
555	555	250	SLV_Ex		-5.8648	-25.1202	-69.135	20.12
555	555	277	SLV_Ex		-20.4683	-29.0478	-85.752	20.12
555	555	459	SLV_Ex		-7.9197	-23.286	8.732	20.12
556	556	459	SLU_ENV	Max	0.	0.	0.	-20.03
556	556	277	SLU_ENV	Max	0.	0.	0.	-20.03
556	556	304	SLU_ENV	Max	0.	0.	0.	-20.03
556	556	460	SLU_ENV	Max	0.	0.	0.	-20.03
556	556	459	SLU_ENV	Min	0.	0.	0.	-58.88
556	556	277	SLU_ENV	Min	0.	0.	0.	-58.88
556	556	304	SLU_ENV	Min	0.	0.	0.	-58.88
556	556	460	SLU_ENV	Min	0.	0.	0.	-58.88
556	556	459	SLV_Ex		3.2113	1.3879	51.352	37.58
556	556	277	SLV_Ex		-31.5949	-36.6866	80.024	37.58
556	556	304	SLV_Ex		-27.3991	-77.5557	-33.356	37.58
556	556	460	SLV_Ex		9.9513	-41.8192	-31.38	37.58
613	613	750	SLU_ENV	Max	0.	0.	0.	85.37
613	613	550	SLU_ENV	Max	0.	0.	0.	85.37
613	613	551	SLU_ENV	Max	0.	0.	0.	85.37
613	613	734	SLU_ENV	Max	0.	0.	0.	85.37
613	613	750	SLU_ENV	Min	0.	0.	0.	24.25
613	613	550	SLU_ENV	Min	0.	0.	0.	24.25
613	613	551	SLU_ENV	Min	0.	0.	0.	24.25
613	613	734	SLU_ENV	Min	0.	0.	0.	24.25
613	613	750	SLV_Ex		129.1348	55.846	20.329	112.36
613	613	550	SLV_Ex		31.9274	-7.3195	55.764	112.36
613	613	551	SLV_Ex		-7.2853	-9.4673	10.365	112.36
613	613	734	SLV_Ex		108.462	34.8965	4.699	112.36
614	614	734	SLU_ENV	Max	0.	0.	0.	74.04
614	614	551	SLU_ENV	Max	0.	0.	0.	74.04
614	614	552	SLU_ENV	Max	0.	0.	0.	74.04
614	614	718	SLU_ENV	Max	0.	0.	0.	74.04

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
614	614	734	SLU_ENV	Min	0.	0.	0.	22.64
614	614	551	SLU_ENV	Min	0.	0.	0.	22.64
614	614	552	SLU_ENV	Min	0.	0.	0.	22.64
614	614	718	SLU_ENV	Min	0.	0.	0.	22.64
614	614	734	SLV_Ex		102.9132	45.3251	4.368	92.97
614	614	551	SLV_Ex		26.4413	6.973	83.696	92.97
614	614	552	SLV_Ex		3.9944	-0.822	65.867	92.97
614	614	718	SLV_Ex		95.5666	22.3881	3.175	92.97
615	615	718	SLU_ENV	Max	0.	0.	0.	68.66
615	615	552	SLU_ENV	Max	0.	0.	0.	68.66
615	615	553	SLU_ENV	Max	0.	0.	0.	68.66
615	615	331	SLU_ENV	Max	0.	0.	0.	68.66
615	615	718	SLU_ENV	Min	0.	0.	0.	21.65
615	615	552	SLU_ENV	Min	0.	0.	0.	21.65
615	615	553	SLU_ENV	Min	0.	0.	0.	21.65
615	615	331	SLU_ENV	Min	0.	0.	0.	21.65
615	615	718	SLV_Ex		95.999	25.7809	2.4	92.78
615	615	552	SLV_Ex		7.4473	-0.6138	66.217	92.78
615	615	553	SLV_Ex		2.5634	-2.2773	50.716	92.78
615	615	331	SLV_Ex		94.8796	20.4168	1.798	92.78
616	616	331	SLU_ENV	Max	0.	0.	0.	68.25
616	616	553	SLU_ENV	Max	0.	0.	0.	68.25
616	616	554	SLU_ENV	Max	0.	0.	0.	68.25
616	616	349	SLU_ENV	Max	0.	0.	0.	68.25
616	616	331	SLU_ENV	Min	0.	0.	0.	21.97
616	616	553	SLU_ENV	Min	0.	0.	0.	21.97
616	616	554	SLU_ENV	Min	0.	0.	0.	21.97
616	616	349	SLU_ENV	Min	0.	0.	0.	21.97
616	616	331	SLV_Ex		96.799	20.3583	1.141	97.02
616	616	553	SLV_Ex		1.0471	-5.5315	49.74	97.02
616	616	554	SLV_Ex		1.1482	-1.3369	47.545	97.02
616	616	349	SLV_Ex		99.325	22.1487	-0.36	97.02
617	617	349	SLU_ENV	Max	0.	0.	0.	67.78
617	617	554	SLU_ENV	Max	0.	0.	0.	67.78
617	617	555	SLU_ENV	Max	0.	0.	0.	67.78
617	617	367	SLU_ENV	Max	0.	0.	0.	67.78
617	617	349	SLU_ENV	Min	0.	0.	0.	22.33
617	617	554	SLU_ENV	Min	0.	0.	0.	22.33
617	617	555	SLU_ENV	Min	0.	0.	0.	22.33
617	617	367	SLU_ENV	Min	0.	0.	0.	22.33
617	617	349	SLV_Ex		99.9653	19.1535	-0.011	99.3
617	617	554	SLV_Ex		-1.2871	-3.0195	37.42	99.3
617	617	555	SLV_Ex		1.1729	-0.167	-79.354	99.3
617	617	367	SLV_Ex		101.7714	22.6654	-0.793	99.3
618	618	367	SLU_ENV	Max	0.	0.	0.	66.46
618	618	555	SLU_ENV	Max	0.	0.	0.	66.46
618	618	556	SLU_ENV	Max	0.	0.	0.	66.46
618	618	385	SLU_ENV	Max	0.	0.	0.	66.46
618	618	367	SLU_ENV	Min	0.	0.	0.	22.49
618	618	555	SLU_ENV	Min	0.	0.	0.	22.49
618	618	556	SLU_ENV	Min	0.	0.	0.	22.49
618	618	385	SLU_ENV	Min	0.	0.	0.	22.49
618	618	367	SLV_Ex		101.6003	19.551	-0.601	100.05
618	618	555	SLV_Ex		-0.7485	-1.5895	-37.567	100.05

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
618	618	556	SLV_Ex		2.055	-0.1333	-69.435	100.05
618	618	385	SLV_Ex		102.8039	22.61	-0.839	100.05
619	619	385	SLU_ENV	Max	0.	0.	0.	64.79
619	619	556	SLU_ENV	Max	0.	0.	0.	64.79
619	619	557	SLU_ENV	Max	0.	0.	0.	64.79
619	619	403	SLU_ENV	Max	0.	0.	0.	64.79
619	619	385	SLU_ENV	Min	0.	0.	0.	22.57
619	619	556	SLU_ENV	Min	0.	0.	0.	22.57
619	619	557	SLU_ENV	Min	0.	0.	0.	22.57
619	619	403	SLU_ENV	Min	0.	0.	0.	22.57
619	619	385	SLV_Ex		102.5095	20.246	-0.694	100.34
619	619	556	SLV_Ex		0.5043	-1.1626	-49.067	100.34
619	619	557	SLV_Ex		2.0919	-0.1241	-68.553	100.34
619	619	403	SLV_Ex		103.1301	22.2533	-0.655	100.34
620	620	403	SLU_ENV	Max	0.	0.	0.	62.94
620	620	557	SLU_ENV	Max	0.	0.	0.	62.94
620	620	558	SLU_ENV	Max	0.	0.	0.	62.94
620	620	421	SLU_ENV	Max	0.	0.	0.	62.94
620	620	403	SLU_ENV	Min	0.	0.	0.	22.6
620	620	557	SLU_ENV	Min	0.	0.	0.	22.6
620	620	558	SLU_ENV	Min	0.	0.	0.	22.6
620	620	421	SLU_ENV	Min	0.	0.	0.	22.6
620	620	403	SLV_Ex		102.919	20.8076	-0.572	100.49
620	620	557	SLV_Ex		0.9388	-0.7368	-55.146	100.49
620	620	558	SLV_Ex		1.5866	-0.2321	-67.404	100.49
620	620	421	SLV_Ex		103.1487	21.7326	-0.478	100.49
621	621	421	SLU_ENV	Max	0.	0.	0.	60.96
621	621	558	SLU_ENV	Max	0.	0.	0.	60.96
621	621	559	SLU_ENV	Max	0.	0.	0.	60.96
621	621	439	SLU_ENV	Max	0.	0.	0.	60.96
621	621	421	SLU_ENV	Min	0.	0.	0.	22.58
621	621	558	SLU_ENV	Min	0.	0.	0.	22.58
621	621	559	SLU_ENV	Min	0.	0.	0.	22.58
621	621	439	SLU_ENV	Min	0.	0.	0.	22.58
621	621	421	SLV_Ex		103.0471	21.2285	-0.363	100.56
621	621	558	SLV_Ex		1.0014	-0.602	-56.929	100.56
621	621	559	SLV_Ex		0.8689	-0.9705	-57.619	100.56
621	621	439	SLV_Ex		102.7396	21.0365	-0.433	100.56
622	622	439	SLU_ENV	Max	0.	0.	0.	58.81
622	622	559	SLU_ENV	Max	0.	0.	0.	58.81
622	622	560	SLU_ENV	Max	0.	0.	0.	58.81
622	622	457	SLU_ENV	Max	0.	0.	0.	58.81
622	622	439	SLU_ENV	Min	0.	0.	0.	22.46
622	622	559	SLU_ENV	Min	0.	0.	0.	22.46
622	622	560	SLU_ENV	Min	0.	0.	0.	22.46
622	622	457	SLU_ENV	Min	0.	0.	0.	22.46
622	622	439	SLV_Ex		102.5932	21.3616	-0.331	100.27
622	622	559	SLV_Ex		0.8556	-1.0044	-51.278	100.27
622	622	560	SLV_Ex		0.5947	-2.4672	-46.998	100.27
622	622	457	SLV_Ex		101.8569	20.3731	-0.766	100.27
623	623	457	SLU_ENV	Max	0.	0.	0.	56.39
623	623	560	SLU_ENV	Max	0.	0.	0.	56.39
623	623	566	SLU_ENV	Max	0.	0.	0.	56.39
623	623	475	SLU_ENV	Max	0.	0.	0.	56.39

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
623	623	457	SLU_ENV	Min	0.	0.	0.	22.21
623	623	560	SLU_ENV	Min	0.	0.	0.	22.21
623	623	566	SLU_ENV	Min	0.	0.	0.	22.21
623	623	475	SLU_ENV	Min	0.	0.	0.	22.21
623	623	457	SLV_Ex		101.1942	21.0758	-0.324	98.96
623	623	560	SLV_Ex		1.3779	-2.8937	-39.169	98.96
623	623	566	SLV_Ex		2.015	-5.8058	-49.27	98.96
623	623	475	SLV_Ex		99.1281	20.8555	-1.632	98.96
624	624	475	SLU_ENV	Max	0.	0.	0.	53.74
624	624	566	SLU_ENV	Max	0.	0.	0.	53.74
624	624	567	SLU_ENV	Max	0.	0.	0.	53.74
624	624	493	SLU_ENV	Max	0.	0.	0.	53.74
624	624	475	SLU_ENV	Min	0.	0.	0.	21.89
624	624	566	SLU_ENV	Min	0.	0.	0.	21.89
624	624	567	SLU_ENV	Min	0.	0.	0.	21.89
624	624	493	SLU_ENV	Min	0.	0.	0.	21.89
624	624	475	SLV_Ex		97.1453	19.4336	-2.033	95.32
624	624	566	SLV_Ex		2.2941	-4.2774	-42.674	95.32
624	624	567	SLV_Ex		7.4416	-2.6994	-60.172	95.32
624	624	493	SLV_Ex		97.8374	25.4406	-3.058	95.32
625	625	493	SLU_ENV	Max	0.	0.	0.	53.61
625	625	567	SLU_ENV	Max	0.	0.	0.	53.61
625	625	568	SLU_ENV	Max	0.	0.	0.	53.61
625	625	511	SLU_ENV	Max	0.	0.	0.	53.61
625	625	493	SLU_ENV	Min	0.	0.	0.	22.1
625	625	567	SLU_ENV	Min	0.	0.	0.	22.1
625	625	568	SLU_ENV	Min	0.	0.	0.	22.1
625	625	511	SLU_ENV	Min	0.	0.	0.	22.1
625	625	493	SLV_Ex		96.5728	20.0251	-3.869	94.33
625	625	567	SLV_Ex		3.5801	-2.732	-53.947	94.33
625	625	568	SLV_Ex		26.3019	6.7247	-81.993	94.33
625	625	511	SLV_Ex		104.3002	44.5048	-4.668	94.33
626	626	511	SLU_ENV	Max	0.	0.	0.	58.88
626	626	568	SLU_ENV	Max	0.	0.	0.	58.88
626	626	569	SLU_ENV	Max	0.	0.	0.	58.88
626	626	529	SLU_ENV	Max	0.	0.	0.	58.88
626	626	511	SLU_ENV	Min	0.	0.	0.	20.03
626	626	568	SLU_ENV	Min	0.	0.	0.	20.03
626	626	569	SLU_ENV	Min	0.	0.	0.	20.03
626	626	529	SLU_ENV	Min	0.	0.	0.	20.03
626	626	511	SLV_Ex		109.4112	31.3406	-5.021	113.47
626	626	568	SLV_Ex		-7.5393	-10.6064	-12.16	113.47
626	626	569	SLV_Ex		34.5804	-4.6268	-56.936	113.47
626	626	529	SLV_Ex		132.1344	56.9219	-19.93	113.47

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

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
18	18	583	SLU_ENV	Max	61.77	0.	0.
18	18	582	SLU_ENV	Max	61.77	0.	0.
18	18	564	SLU_ENV	Max	61.77	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
18	18	565	SLU_ENV	Max	61.77	0.	0.
18	18	583	SLU_ENV	Min	4.88	0.	0.
18	18	582	SLU_ENV	Min	4.88	0.	0.
18	18	564	SLU_ENV	Min	4.88	0.	0.
18	18	565	SLU_ENV	Min	4.88	0.	0.
18	18	583	SLV_Ex		-381.1	382.54	-94.959
18	18	582	SLV_Ex		-381.1	382.54	-94.959
18	18	564	SLV_Ex		-381.1	382.54	-94.959
18	18	565	SLV_Ex		-381.1	382.54	-94.959
19	19	565	SLU_ENV	Max	39.99	0.	0.
19	19	564	SLU_ENV	Max	39.99	0.	0.
19	19	546	SLU_ENV	Max	39.99	0.	0.
19	19	547	SLU_ENV	Max	39.99	0.	0.
19	19	565	SLU_ENV	Min	-0.76	0.	0.
19	19	564	SLU_ENV	Min	-0.76	0.	0.
19	19	546	SLU_ENV	Min	-0.76	0.	0.
19	19	547	SLU_ENV	Min	-0.76	0.	0.
19	19	565	SLV_Ex		-379.34	379.39	-89.098
19	19	564	SLV_Ex		-379.34	379.39	-89.098
19	19	546	SLV_Ex		-379.34	379.39	-89.098
19	19	547	SLV_Ex		-379.34	379.39	-89.098
20	20	547	SLU_ENV	Max	35.47	0.	0.
20	20	546	SLU_ENV	Max	35.47	0.	0.
20	20	119	SLU_ENV	Max	35.47	0.	0.
20	20	120	SLU_ENV	Max	35.47	0.	0.
20	20	547	SLU_ENV	Min	-1.19	0.	0.
20	20	546	SLU_ENV	Min	-1.19	0.	0.
20	20	119	SLU_ENV	Min	-1.19	0.	0.
20	20	120	SLU_ENV	Min	-1.19	0.	0.
20	20	547	SLV_Ex		-359.59	359.73	-88.397
20	20	546	SLV_Ex		-359.59	359.73	-88.397
20	20	119	SLV_Ex		-359.59	359.73	-88.397
20	20	120	SLV_Ex		-359.59	359.73	-88.397
21	21	120	SLU_ENV	Max	34.93	0.	0.
21	21	119	SLU_ENV	Max	34.93	0.	0.
21	21	6	SLU_ENV	Max	34.93	0.	0.
21	21	7	SLU_ENV	Max	34.93	0.	0.
21	21	120	SLU_ENV	Min	-0.85	0.	0.
21	21	119	SLU_ENV	Min	-0.85	0.	0.
21	21	6	SLU_ENV	Min	-0.85	0.	0.
21	21	7	SLU_ENV	Min	-0.85	0.	0.
21	21	120	SLV_Ex		-345.16	345.24	-88.729
21	21	119	SLV_Ex		-345.16	345.24	-88.729
21	21	6	SLV_Ex		-345.16	345.24	-88.729
21	21	7	SLV_Ex		-345.16	345.24	-88.729
22	22	7	SLU_ENV	Max	34.49	0.	0.
22	22	6	SLU_ENV	Max	34.49	0.	0.
22	22	34	SLU_ENV	Max	34.49	0.	0.
22	22	35	SLU_ENV	Max	34.49	0.	0.
22	22	7	SLU_ENV	Min	-0.43	0.	0.
22	22	6	SLU_ENV	Min	-0.43	0.	0.
22	22	34	SLU_ENV	Min	-0.43	0.	0.
22	22	35	SLU_ENV	Min	-0.43	0.	0.
22	22	7	SLV_Ex		-335.48	335.52	-89.115

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
22	22	6	SLV_Ex		-335.48	335.52	-89.115
22	22	34	SLV_Ex		-335.48	335.52	-89.115
22	22	35	SLV_Ex		-335.48	335.52	-89.115
23	23	35	SLU_ENV	Max	33.16	0.	0.
23	23	34	SLU_ENV	Max	33.16	0.	0.
23	23	61	SLU_ENV	Max	33.16	0.	0.
23	23	62	SLU_ENV	Max	33.16	0.	0.
23	23	35	SLU_ENV	Min	-0.18	0.	0.
23	23	34	SLU_ENV	Min	-0.18	0.	0.
23	23	61	SLU_ENV	Min	-0.18	0.	0.
23	23	62	SLU_ENV	Min	-0.18	0.	0.
23	23	35	SLV_Ex		-331.56	331.58	-89.388
23	23	34	SLV_Ex		-331.56	331.58	-89.388
23	23	61	SLV_Ex		-331.56	331.58	-89.388
23	23	62	SLV_Ex		-331.56	331.58	-89.388
24	24	62	SLU_ENV	Max	31.14	0.	0.
24	24	61	SLU_ENV	Max	31.14	0.	0.
24	24	88	SLU_ENV	Max	31.14	0.	0.
24	24	89	SLU_ENV	Max	31.14	0.	0.
24	24	62	SLU_ENV	Min	-6.499E-02	0.	0.
24	24	61	SLU_ENV	Min	-6.499E-02	0.	0.
24	24	88	SLU_ENV	Min	-6.499E-02	0.	0.
24	24	89	SLU_ENV	Min	-6.499E-02	0.	0.
24	24	62	SLV_Ex		-329.7	329.7	-89.675
24	24	61	SLV_Ex		-329.7	329.7	-89.675
24	24	88	SLV_Ex		-329.7	329.7	-89.675
24	24	89	SLV_Ex		-329.7	329.7	-89.675
25	25	89	SLU_ENV	Max	28.76	0.	0.
25	25	88	SLU_ENV	Max	28.76	0.	0.
25	25	141	SLU_ENV	Max	28.76	0.	0.
25	25	142	SLU_ENV	Max	28.76	0.	0.
25	25	89	SLU_ENV	Min	-5.721E-02	0.	0.
25	25	88	SLU_ENV	Min	-5.721E-02	0.	0.
25	25	141	SLU_ENV	Min	-5.721E-02	0.	0.
25	25	142	SLU_ENV	Min	-5.721E-02	0.	0.
25	25	89	SLV_Ex		-328.95	328.95	-89.861
25	25	88	SLV_Ex		-328.95	328.95	-89.861
25	25	141	SLV_Ex		-328.95	328.95	-89.861
25	25	142	SLV_Ex		-328.95	328.95	-89.861
26	26	142	SLU_ENV	Max	26.26	0.	0.
26	26	141	SLU_ENV	Max	26.26	0.	0.
26	26	168	SLU_ENV	Max	26.26	0.	0.
26	26	169	SLU_ENV	Max	26.26	0.	0.
26	26	142	SLU_ENV	Min	-0.15	0.	0.
26	26	141	SLU_ENV	Min	-0.15	0.	0.
26	26	168	SLU_ENV	Min	-0.15	0.	0.
26	26	169	SLU_ENV	Min	-0.15	0.	0.
26	26	142	SLV_Ex		-328.9	328.9	-90.098
26	26	141	SLV_Ex		-328.9	328.9	-90.098
26	26	168	SLV_Ex		-328.9	328.9	-90.098
26	26	169	SLV_Ex		-328.9	328.9	-90.098
27	27	169	SLU_ENV	Max	23.75	0.	0.
27	27	168	SLU_ENV	Max	23.75	0.	0.
27	27	195	SLU_ENV	Max	23.75	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
27	27	196	SLU_ENV	Max	23.75	0.	0.
27	27	169	SLU_ENV	Min	-0.37	0.	0.
27	27	168	SLU_ENV	Min	-0.37	0.	0.
27	27	195	SLU_ENV	Min	-0.37	0.	0.
27	27	196	SLU_ENV	Min	-0.37	0.	0.
27	27	169	SLV_Ex		-329.56	329.57	-90.315
27	27	168	SLV_Ex		-329.56	329.57	-90.315
27	27	195	SLV_Ex		-329.56	329.57	-90.315
27	27	196	SLV_Ex		-329.56	329.57	-90.315
28	28	196	SLU_ENV	Max	21.22	0.	0.
28	28	195	SLU_ENV	Max	21.22	0.	0.
28	28	222	SLU_ENV	Max	21.22	0.	0.
28	28	223	SLU_ENV	Max	21.22	0.	0.
28	28	196	SLU_ENV	Min	-0.77	0.	0.
28	28	195	SLU_ENV	Min	-0.77	0.	0.
28	28	222	SLU_ENV	Min	-0.77	0.	0.
28	28	223	SLU_ENV	Min	-0.77	0.	0.
28	28	196	SLV_Ex		-332.31	332.33	-90.682
28	28	195	SLV_Ex		-332.31	332.33	-90.682
28	28	222	SLV_Ex		-332.31	332.33	-90.682
28	28	223	SLV_Ex		-332.31	332.33	-90.682
29	29	223	SLU_ENV	Max	19.15	0.	0.
29	29	222	SLU_ENV	Max	19.15	0.	0.
29	29	249	SLU_ENV	Max	19.15	0.	0.
29	29	250	SLU_ENV	Max	19.15	0.	0.
29	29	223	SLU_ENV	Min	-1.21	0.	0.
29	29	222	SLU_ENV	Min	-1.21	0.	0.
29	29	249	SLU_ENV	Min	-1.21	0.	0.
29	29	250	SLU_ENV	Min	-1.21	0.	0.
29	29	223	SLV_Ex		-338.67	338.71	-90.929
29	29	222	SLV_Ex		-338.67	338.71	-90.929
29	29	249	SLV_Ex		-338.67	338.71	-90.929
29	29	250	SLV_Ex		-338.67	338.71	-90.929
30	30	250	SLU_ENV	Max	19.2	0.	0.
30	30	249	SLU_ENV	Max	19.2	0.	0.
30	30	276	SLU_ENV	Max	19.2	0.	0.
30	30	277	SLU_ENV	Max	19.2	0.	0.
30	30	250	SLU_ENV	Min	-1.14	0.	0.
30	30	249	SLU_ENV	Min	-1.14	0.	0.
30	30	276	SLU_ENV	Min	-1.14	0.	0.
30	30	277	SLU_ENV	Min	-1.14	0.	0.
30	30	250	SLV_Ex		-356.56	356.59	-90.803
30	30	249	SLV_Ex		-356.56	356.59	-90.803
30	30	276	SLV_Ex		-356.56	356.59	-90.803
30	30	277	SLV_Ex		-356.56	356.59	-90.803
31	31	277	SLU_ENV	Max	32.15	0.	0.
31	31	276	SLU_ENV	Max	32.15	0.	0.
31	31	303	SLU_ENV	Max	32.15	0.	0.
31	31	304	SLU_ENV	Max	32.15	0.	0.
31	31	277	SLU_ENV	Min	4.46	0.	0.
31	31	276	SLU_ENV	Min	4.46	0.	0.
31	31	303	SLU_ENV	Min	4.46	0.	0.
31	31	304	SLU_ENV	Min	4.46	0.	0.
31	31	277	SLV_Ex		-359.71	361.18	-84.831

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
31	31	276	SLV_Ex		-359.71	361.18	-84.831
31	31	303	SLV_Ex		-359.71	361.18	-84.831
31	31	304	SLV_Ex		-359.71	361.18	-84.831
32	32	582	SLU_ENV	Max	48.35	0.	0.
32	32	581	SLU_ENV	Max	48.35	0.	0.
32	32	563	SLU_ENV	Max	48.35	0.	0.
32	32	564	SLU_ENV	Max	48.35	0.	0.
32	32	582	SLU_ENV	Min	1.73	0.	0.
32	32	581	SLU_ENV	Min	1.73	0.	0.
32	32	563	SLU_ENV	Min	1.73	0.	0.
32	32	564	SLU_ENV	Min	1.73	0.	0.
32	32	582	SLV_Ex		-290.77	291.76	-94.705
32	32	581	SLV_Ex		-290.77	291.76	-94.705
32	32	563	SLV_Ex		-290.77	291.76	-94.705
32	32	564	SLV_Ex		-290.77	291.76	-94.705
33	33	564	SLU_ENV	Max	43.25	0.	0.
33	33	563	SLU_ENV	Max	43.25	0.	0.
33	33	545	SLU_ENV	Max	43.25	0.	0.
33	33	546	SLU_ENV	Max	43.25	0.	0.
33	33	564	SLU_ENV	Min	0.48	0.	0.
33	33	563	SLU_ENV	Min	0.48	0.	0.
33	33	545	SLU_ENV	Min	0.48	0.	0.
33	33	546	SLU_ENV	Min	0.48	0.	0.
33	33	564	SLV_Ex		-289.37	289.54	-91.929
33	33	563	SLV_Ex		-289.37	289.54	-91.929
33	33	545	SLV_Ex		-289.37	289.54	-91.929
33	33	546	SLV_Ex		-289.37	289.54	-91.929
34	34	546	SLU_ENV	Max	39.33	0.	0.
34	34	545	SLU_ENV	Max	39.33	0.	0.
34	34	118	SLU_ENV	Max	39.33	0.	0.
34	34	119	SLU_ENV	Max	39.33	0.	0.
34	34	546	SLU_ENV	Min	-0.21	0.	0.
34	34	545	SLU_ENV	Min	-0.21	0.	0.
34	34	118	SLU_ENV	Min	-0.21	0.	0.
34	34	119	SLU_ENV	Min	-0.21	0.	0.
34	34	546	SLV_Ex		-282.36	282.39	-90.842
34	34	545	SLV_Ex		-282.36	282.39	-90.842
34	34	118	SLV_Ex		-282.36	282.39	-90.842
34	34	119	SLV_Ex		-282.36	282.39	-90.842
35	35	119	SLU_ENV	Max	37.27	0.	0.
35	35	118	SLU_ENV	Max	37.27	0.	0.
35	35	5	SLU_ENV	Max	37.27	0.	0.
35	35	6	SLU_ENV	Max	37.27	0.	0.
35	35	119	SLU_ENV	Min	-0.3	0.	0.
35	35	118	SLU_ENV	Min	-0.3	0.	0.
35	35	5	SLU_ENV	Min	-0.3	0.	0.
35	35	6	SLU_ENV	Min	-0.3	0.	0.
35	35	119	SLV_Ex		-274.87	274.87	-90.447
35	35	118	SLV_Ex		-274.87	274.87	-90.447
35	35	5	SLV_Ex		-274.87	274.87	-90.447
35	35	6	SLV_Ex		-274.87	274.87	-90.447
36	36	6	SLU_ENV	Max	35.52	0.	0.
36	36	5	SLU_ENV	Max	35.52	0.	0.
36	36	33	SLU_ENV	Max	35.52	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
36	36	34	SLU_ENV	Max	35.52	0.	0.
36	36	6	SLU_ENV	Min	-0.2	0.	0.
36	36	5	SLU_ENV	Min	-0.2	0.	0.
36	36	33	SLU_ENV	Min	-0.2	0.	0.
36	36	34	SLU_ENV	Min	-0.2	0.	0.
36	36	6	SLV_Ex		-268.59	268.59	-89.849
36	36	5	SLV_Ex		-268.59	268.59	-89.849
36	36	33	SLV_Ex		-268.59	268.59	-89.849
36	36	34	SLV_Ex		-268.59	268.59	-89.849
37	37	34	SLU_ENV	Max	33.61	0.	0.
37	37	33	SLU_ENV	Max	33.61	0.	0.
37	37	60	SLU_ENV	Max	33.61	0.	0.
37	37	61	SLU_ENV	Max	33.61	0.	0.
37	37	34	SLU_ENV	Min	-8.391E-02	0.	0.
37	37	33	SLU_ENV	Min	-8.391E-02	0.	0.
37	37	60	SLU_ENV	Min	-8.391E-02	0.	0.
37	37	61	SLU_ENV	Min	-8.391E-02	0.	0.
37	37	34	SLV_Ex		-265.17	265.17	-89.738
37	37	33	SLV_Ex		-265.17	265.17	-89.738
37	37	60	SLV_Ex		-265.17	265.17	-89.738
37	37	61	SLV_Ex		-265.17	265.17	-89.738
38	38	780	SLU_ENV	Max	-2.4	0.	0.
38	38	779	SLU_ENV	Max	-2.4	0.	0.
38	38	781	SLU_ENV	Max	-2.4	0.	0.
38	38	782	SLU_ENV	Max	-2.4	0.	0.
38	38	780	SLU_ENV	Min	-24.84	0.	0.
38	38	779	SLU_ENV	Min	-24.84	0.	0.
38	38	781	SLU_ENV	Min	-24.84	0.	0.
38	38	782	SLU_ENV	Min	-24.84	0.	0.
38	38	780	SLV_Ex		-2.14	270.29	-0.455
38	38	779	SLV_Ex		-2.14	270.29	-0.455
38	38	781	SLV_Ex		-2.14	270.29	-0.455
38	38	782	SLV_Ex		-2.14	270.29	-0.455
39	39	782	SLU_ENV	Max	-1.55	0.	0.
39	39	781	SLU_ENV	Max	-1.55	0.	0.
39	39	783	SLU_ENV	Max	-1.55	0.	0.
39	39	784	SLU_ENV	Max	-1.55	0.	0.
39	39	782	SLU_ENV	Min	-5.96	0.	0.
39	39	781	SLU_ENV	Min	-5.96	0.	0.
39	39	783	SLU_ENV	Min	-5.96	0.	0.
39	39	784	SLU_ENV	Min	-5.96	0.	0.
39	39	782	SLV_Ex		0.34	216.85	0.09
39	39	781	SLV_Ex		0.34	216.85	0.09
39	39	783	SLV_Ex		0.34	216.85	0.09
39	39	784	SLV_Ex		0.34	216.85	0.09
40	40	784	SLU_ENV	Max	43.82	0.	0.
40	40	783	SLU_ENV	Max	43.82	0.	0.
40	40	785	SLU_ENV	Max	43.82	0.	0.
40	40	786	SLU_ENV	Max	43.82	0.	0.
40	40	784	SLU_ENV	Min	-4.34	0.	0.
40	40	783	SLU_ENV	Min	-4.34	0.	0.
40	40	785	SLU_ENV	Min	-4.34	0.	0.
40	40	786	SLU_ENV	Min	-4.34	0.	0.
40	40	784	SLV_Ex		-0.92	168.65	-0.311

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
40	40	783	SLV_Ex		-0.92	168.65	-0.311
40	40	785	SLV_Ex		-0.92	168.65	-0.311
40	40	786	SLV_Ex		-0.92	168.65	-0.311
41	41	786	SLU_ENV	Max	52.57	0.	0.
41	41	785	SLU_ENV	Max	52.57	0.	0.
41	41	787	SLU_ENV	Max	52.57	0.	0.
41	41	788	SLU_ENV	Max	52.57	0.	0.
41	41	786	SLU_ENV	Min	-3.79	0.	0.
41	41	785	SLU_ENV	Min	-3.79	0.	0.
41	41	787	SLU_ENV	Min	-3.79	0.	0.
41	41	788	SLU_ENV	Min	-3.79	0.	0.
41	41	786	SLV_Ex		-1.93	121.29	-0.912
41	41	785	SLV_Ex		-1.93	121.29	-0.912
41	41	787	SLV_Ex		-1.93	121.29	-0.912
41	41	788	SLV_Ex		-1.93	121.29	-0.912
42	42	788	SLU_ENV	Max	52.57	0.	0.
42	42	787	SLU_ENV	Max	52.57	0.	0.
42	42	789	SLU_ENV	Max	52.57	0.	0.
42	42	790	SLU_ENV	Max	52.57	0.	0.
42	42	788	SLU_ENV	Min	-3.79	0.	0.
42	42	787	SLU_ENV	Min	-3.79	0.	0.
42	42	789	SLU_ENV	Min	-3.79	0.	0.
42	42	790	SLU_ENV	Min	-3.79	0.	0.
42	42	788	SLV_Ex		-2.92	74.43	-2.25
42	42	787	SLV_Ex		-2.92	74.43	-2.25
42	42	789	SLV_Ex		-2.92	74.43	-2.25
42	42	790	SLV_Ex		-2.92	74.43	-2.25
43	43	790	SLU_ENV	Max	43.81	0.	0.
43	43	789	SLU_ENV	Max	43.81	0.	0.
43	43	791	SLU_ENV	Max	43.81	0.	0.
43	43	792	SLU_ENV	Max	43.81	0.	0.
43	43	790	SLU_ENV	Min	-4.34	0.	0.
43	43	789	SLU_ENV	Min	-4.34	0.	0.
43	43	791	SLU_ENV	Min	-4.34	0.	0.
43	43	792	SLU_ENV	Min	-4.34	0.	0.
43	43	790	SLV_Ex		-4.52	28.31	-9.186
43	43	789	SLV_Ex		-4.52	28.31	-9.186
43	43	791	SLV_Ex		-4.52	28.31	-9.186
43	43	792	SLV_Ex		-4.52	28.31	-9.186
44	44	792	SLU_ENV	Max	-1.55	0.	0.
44	44	791	SLU_ENV	Max	-1.55	0.	0.
44	44	793	SLU_ENV	Max	-1.55	0.	0.
44	44	794	SLU_ENV	Max	-1.55	0.	0.
44	44	792	SLU_ENV	Min	-5.96	0.	0.
44	44	791	SLU_ENV	Min	-5.96	0.	0.
44	44	793	SLU_ENV	Min	-5.96	0.	0.
44	44	794	SLU_ENV	Min	-5.96	0.	0.
44	44	792	SLV_Ex		-7.05	18.57	-157.693
44	44	791	SLV_Ex		-7.05	18.57	-157.693
44	44	793	SLV_Ex		-7.05	18.57	-157.693
44	44	794	SLV_Ex		-7.05	18.57	-157.693
45	45	794	SLU_ENV	Max	-2.4	0.	0.
45	45	793	SLU_ENV	Max	-2.4	0.	0.
45	45	795	SLU_ENV	Max	-2.4	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
45	45	796	SLU_ENV	Max	-2.4	0.	0.
45	45	794	SLU_ENV	Min	-24.87	0.	0.
45	45	793	SLU_ENV	Min	-24.87	0.	0.
45	45	795	SLU_ENV	Min	-24.87	0.	0.
45	45	796	SLU_ENV	Min	-24.87	0.	0.
45	45	794	SLV_Ex		-7.7	60.61	-172.705
45	45	793	SLV_Ex		-7.7	60.61	-172.705
45	45	795	SLV_Ex		-7.7	60.61	-172.705
45	45	796	SLV_Ex		-7.7	60.61	-172.705
46	46	61	SLU_ENV	Max	31.42	0.	0.
46	46	60	SLU_ENV	Max	31.42	0.	0.
46	46	87	SLU_ENV	Max	31.42	0.	0.
46	46	88	SLU_ENV	Max	31.42	0.	0.
46	46	61	SLU_ENV	Min	-2.642E-02	0.	0.
46	46	60	SLU_ENV	Min	-2.642E-02	0.	0.
46	46	87	SLU_ENV	Min	-2.642E-02	0.	0.
46	46	88	SLU_ENV	Min	-2.642E-02	0.	0.
46	46	61	SLV_Ex		-263.43	263.43	-89.806
46	46	60	SLV_Ex		-263.43	263.43	-89.806
46	46	87	SLV_Ex		-263.43	263.43	-89.806
46	46	88	SLV_Ex		-263.43	263.43	-89.806
47	47	88	SLU_ENV	Max	29.08	0.	0.
47	47	87	SLU_ENV	Max	29.08	0.	0.
47	47	114	SLU_ENV	Max	29.08	0.	0.
47	47	141	SLU_ENV	Max	29.08	0.	0.
47	47	88	SLU_ENV	Min	-2.675E-02	0.	0.
47	47	87	SLU_ENV	Min	-2.675E-02	0.	0.
47	47	114	SLU_ENV	Min	-2.675E-02	0.	0.
47	47	141	SLU_ENV	Min	-2.675E-02	0.	0.
47	47	88	SLV_Ex		-262.68	262.68	-89.923
47	47	87	SLV_Ex		-262.68	262.68	-89.923
47	47	114	SLV_Ex		-262.68	262.68	-89.923
47	47	141	SLV_Ex		-262.68	262.68	-89.923
48	48	141	SLU_ENV	Max	26.76	0.	0.
48	48	114	SLU_ENV	Max	26.76	0.	0.
48	48	167	SLU_ENV	Max	26.76	0.	0.
48	48	168	SLU_ENV	Max	26.76	0.	0.
48	48	141	SLU_ENV	Min	-8.408E-02	0.	0.
48	48	114	SLU_ENV	Min	-8.408E-02	0.	0.
48	48	167	SLU_ENV	Min	-8.408E-02	0.	0.
48	48	168	SLU_ENV	Min	-8.408E-02	0.	0.
48	48	141	SLV_Ex		-262.65	262.65	-90.06
48	48	114	SLV_Ex		-262.65	262.65	-90.06
48	48	167	SLV_Ex		-262.65	262.65	-90.06
48	48	168	SLV_Ex		-262.65	262.65	-90.06
49	49	168	SLU_ENV	Max	24.59	0.	0.
49	49	167	SLU_ENV	Max	24.59	0.	0.
49	49	194	SLU_ENV	Max	24.59	0.	0.
49	49	195	SLU_ENV	Max	24.59	0.	0.
49	49	168	SLU_ENV	Min	-0.2	0.	0.
49	49	167	SLU_ENV	Min	-0.2	0.	0.
49	49	194	SLU_ENV	Min	-0.2	0.	0.
49	49	195	SLU_ENV	Min	-0.2	0.	0.
49	49	168	SLV_Ex		-263.39	263.39	-90.166

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
49	49	167	SLV_Ex		-263.39	263.39	-90.166
49	49	194	SLV_Ex		-263.39	263.39	-90.166
49	49	195	SLV_Ex		-263.39	263.39	-90.166
50	50	195	SLU_ENV	Max	22.72	0.	0.
50	50	194	SLU_ENV	Max	22.72	0.	0.
50	50	221	SLU_ENV	Max	22.72	0.	0.
50	50	222	SLU_ENV	Max	22.72	0.	0.
50	50	195	SLU_ENV	Min	-0.35	0.	0.
50	50	194	SLU_ENV	Min	-0.35	0.	0.
50	50	221	SLU_ENV	Min	-0.35	0.	0.
50	50	222	SLU_ENV	Min	-0.35	0.	0.
50	50	195	SLV_Ex		-265.51	265.51	-90.157
50	50	194	SLV_Ex		-265.51	265.51	-90.157
50	50	221	SLV_Ex		-265.51	265.51	-90.157
50	50	222	SLV_Ex		-265.51	265.51	-90.157
51	51	222	SLU_ENV	Max	21.62	0.	0.
51	51	221	SLU_ENV	Max	21.62	0.	0.
51	51	248	SLU_ENV	Max	21.62	0.	0.
51	51	249	SLU_ENV	Max	21.62	0.	0.
51	51	222	SLU_ENV	Min	-0.38	0.	0.
51	51	221	SLU_ENV	Min	-0.38	0.	0.
51	51	248	SLU_ENV	Min	-0.38	0.	0.
51	51	249	SLU_ENV	Min	-0.38	0.	0.
51	51	222	SLV_Ex		-269.57	269.57	-89.713
51	51	221	SLV_Ex		-269.57	269.57	-89.713
51	51	248	SLV_Ex		-269.57	269.57	-89.713
51	51	249	SLV_Ex		-269.57	269.57	-89.713
52	52	249	SLU_ENV	Max	22.37	0.	0.
52	52	248	SLU_ENV	Max	22.37	0.	0.
52	52	275	SLU_ENV	Max	22.37	0.	0.
52	52	276	SLU_ENV	Max	22.37	0.	0.
52	52	249	SLU_ENV	Min	0.19	0.	0.
52	52	248	SLU_ENV	Min	0.19	0.	0.
52	52	275	SLU_ENV	Min	0.19	0.	0.
52	52	276	SLU_ENV	Min	0.19	0.	0.
52	52	249	SLV_Ex		-275.84	276.	-88.057
52	52	248	SLV_Ex		-275.84	276.	-88.057
52	52	275	SLV_Ex		-275.84	276.	-88.057
52	52	276	SLV_Ex		-275.84	276.	-88.057
53	53	276	SLU_ENV	Max	25.33	0.	0.
53	53	275	SLU_ENV	Max	25.33	0.	0.
53	53	302	SLU_ENV	Max	25.33	0.	0.
53	53	303	SLU_ENV	Max	25.33	0.	0.
53	53	276	SLU_ENV	Min	1.63	0.	0.
53	53	275	SLU_ENV	Min	1.63	0.	0.
53	53	302	SLU_ENV	Min	1.63	0.	0.
53	53	303	SLU_ENV	Min	1.63	0.	0.
53	53	276	SLV_Ex		-276.87	277.91	-85.038
53	53	275	SLV_Ex		-276.87	277.91	-85.038
53	53	302	SLV_Ex		-276.87	277.91	-85.038
53	53	303	SLV_Ex		-276.87	277.91	-85.038
54	54	779	SLU_ENV	Max	-1.22	0.	0.
54	54	806	SLU_ENV	Max	-1.22	0.	0.
54	54	807	SLU_ENV	Max	-1.22	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
54	54	781	SLU_ENV	Max	-1.22	0.	0.
54	54	779	SLU_ENV	Min	-18.68	0.	0.
54	54	806	SLU_ENV	Min	-18.68	0.	0.
54	54	807	SLU_ENV	Min	-18.68	0.	0.
54	54	781	SLU_ENV	Min	-18.68	0.	0.
54	54	779	SLV_Ex		-2.93	267.19	-0.629
54	54	806	SLV_Ex		-2.93	267.19	-0.629
54	54	807	SLV_Ex		-2.93	267.19	-0.629
54	54	781	SLV_Ex		-2.93	267.19	-0.629
55	55	781	SLU_ENV	Max	-0.43	0.	0.
55	55	807	SLU_ENV	Max	-0.43	0.	0.
55	55	808	SLU_ENV	Max	-0.43	0.	0.
55	55	783	SLU_ENV	Max	-0.43	0.	0.
55	55	781	SLU_ENV	Min	-3.55	0.	0.
55	55	807	SLU_ENV	Min	-3.55	0.	0.
55	55	808	SLU_ENV	Min	-3.55	0.	0.
55	55	783	SLU_ENV	Min	-3.55	0.	0.
55	55	781	SLV_Ex		-1.32	216.92	-0.349
55	55	807	SLV_Ex		-1.32	216.92	-0.349
55	55	808	SLV_Ex		-1.32	216.92	-0.349
55	55	783	SLV_Ex		-1.32	216.92	-0.349
56	56	783	SLU_ENV	Max	-0.85	0.	0.
56	56	808	SLU_ENV	Max	-0.85	0.	0.
56	56	809	SLU_ENV	Max	-0.85	0.	0.
56	56	785	SLU_ENV	Max	-0.85	0.	0.
56	56	783	SLU_ENV	Min	-3.92	0.	0.
56	56	808	SLU_ENV	Min	-3.92	0.	0.
56	56	809	SLU_ENV	Min	-3.92	0.	0.
56	56	785	SLU_ENV	Min	-3.92	0.	0.
56	56	783	SLV_Ex		-1.25	169.21	-0.424
56	56	808	SLV_Ex		-1.25	169.21	-0.424
56	56	809	SLV_Ex		-1.25	169.21	-0.424
56	56	785	SLV_Ex		-1.25	169.21	-0.424
57	57	785	SLU_ENV	Max	4.74	0.	0.
57	57	809	SLU_ENV	Max	4.74	0.	0.
57	57	810	SLU_ENV	Max	4.74	0.	0.
57	57	787	SLU_ENV	Max	4.74	0.	0.
57	57	785	SLU_ENV	Min	-3.14	0.	0.
57	57	809	SLU_ENV	Min	-3.14	0.	0.
57	57	810	SLU_ENV	Min	-3.14	0.	0.
57	57	787	SLU_ENV	Min	-3.14	0.	0.
57	57	785	SLV_Ex		-1.76	122.12	-0.824
57	57	809	SLV_Ex		-1.76	122.12	-0.824
57	57	810	SLV_Ex		-1.76	122.12	-0.824
57	57	787	SLV_Ex		-1.76	122.12	-0.824
58	58	787	SLU_ENV	Max	4.74	0.	0.
58	58	810	SLU_ENV	Max	4.74	0.	0.
58	58	811	SLU_ENV	Max	4.74	0.	0.
58	58	789	SLU_ENV	Max	4.74	0.	0.
58	58	787	SLU_ENV	Min	-3.14	0.	0.
58	58	810	SLU_ENV	Min	-3.14	0.	0.
58	58	811	SLU_ENV	Min	-3.14	0.	0.
58	58	789	SLU_ENV	Min	-3.14	0.	0.
58	58	787	SLV_Ex		-2.35	75.37	-1.788

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
58	58	810	SLV_Ex		-2.35	75.37	-1.788
58	58	811	SLV_Ex		-2.35	75.37	-1.788
58	58	789	SLV_Ex		-2.35	75.37	-1.788
59	59	789	SLU_ENV	Max	-0.85	0.	0.
59	59	811	SLU_ENV	Max	-0.85	0.	0.
59	59	812	SLU_ENV	Max	-0.85	0.	0.
59	59	791	SLU_ENV	Max	-0.85	0.	0.
59	59	789	SLU_ENV	Min	-3.92	0.	0.
59	59	811	SLU_ENV	Min	-3.92	0.	0.
59	59	812	SLU_ENV	Min	-3.92	0.	0.
59	59	791	SLU_ENV	Min	-3.92	0.	0.
59	59	789	SLV_Ex		-3.09	29.24	-6.062
59	59	811	SLV_Ex		-3.09	29.24	-6.062
59	59	812	SLV_Ex		-3.09	29.24	-6.062
59	59	791	SLV_Ex		-3.09	29.24	-6.062
60	60	791	SLU_ENV	Max	-0.43	0.	0.
60	60	812	SLU_ENV	Max	-0.43	0.	0.
60	60	813	SLU_ENV	Max	-0.43	0.	0.
60	60	793	SLU_ENV	Max	-0.43	0.	0.
60	60	791	SLU_ENV	Min	-3.55	0.	0.
60	60	812	SLU_ENV	Min	-3.55	0.	0.
60	60	813	SLU_ENV	Min	-3.55	0.	0.
60	60	793	SLU_ENV	Min	-3.55	0.	0.
60	60	791	SLV_Ex		-3.55	16.51	-167.57
60	60	812	SLV_Ex		-3.55	16.51	-167.57
60	60	813	SLV_Ex		-3.55	16.51	-167.57
60	60	793	SLV_Ex		-3.55	16.51	-167.57
61	61	793	SLU_ENV	Max	-1.22	0.	0.
61	61	813	SLU_ENV	Max	-1.22	0.	0.
61	61	814	SLU_ENV	Max	-1.22	0.	0.
61	61	795	SLU_ENV	Max	-1.22	0.	0.
61	61	793	SLU_ENV	Min	-18.68	0.	0.
61	61	813	SLU_ENV	Min	-18.68	0.	0.
61	61	814	SLU_ENV	Min	-18.68	0.	0.
61	61	795	SLU_ENV	Min	-18.68	0.	0.
61	61	793	SLV_Ex		-2.13	62.22	-178.037
61	61	813	SLV_Ex		-2.13	62.22	-178.037
61	61	814	SLV_Ex		-2.13	62.22	-178.037
61	61	795	SLV_Ex		-2.13	62.22	-178.037
62	62	581	SLU_ENV	Max	43.32	0.	0.
62	62	580	SLU_ENV	Max	43.32	0.	0.
62	62	562	SLU_ENV	Max	43.32	0.	0.
62	62	563	SLU_ENV	Max	43.32	0.	0.
62	62	581	SLU_ENV	Min	0.61	0.	0.
62	62	580	SLU_ENV	Min	0.61	0.	0.
62	62	562	SLU_ENV	Min	0.61	0.	0.
62	62	563	SLU_ENV	Min	0.61	0.	0.
62	62	581	SLV_Ex		-203.89	205.55	-97.296
62	62	580	SLV_Ex		-203.89	205.55	-97.296
62	62	562	SLV_Ex		-203.89	205.55	-97.296
62	62	563	SLV_Ex		-203.89	205.55	-97.296
63	63	563	SLU_ENV	Max	42.29	0.	0.
63	63	562	SLU_ENV	Max	42.29	0.	0.
63	63	544	SLU_ENV	Max	42.29	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
63	63	545	SLU_ENV	Max	42.29	0.	0.
63	63	563	SLU_ENV	Min	0.33	0.	0.
63	63	562	SLU_ENV	Min	0.33	0.	0.
63	63	544	SLU_ENV	Min	0.33	0.	0.
63	63	545	SLU_ENV	Min	0.33	0.	0.
63	63	563	SLV_Ex		-205.31	205.74	-93.721
63	63	562	SLV_Ex		-205.31	205.74	-93.721
63	63	544	SLV_Ex		-205.31	205.74	-93.721
63	63	545	SLV_Ex		-205.31	205.74	-93.721
64	64	545	SLU_ENV	Max	40.84	0.	0.
64	64	544	SLU_ENV	Max	40.84	0.	0.
64	64	117	SLU_ENV	Max	40.84	0.	0.
64	64	118	SLU_ENV	Max	40.84	0.	0.
64	64	545	SLU_ENV	Min	0.13	0.	0.
64	64	544	SLU_ENV	Min	0.13	0.	0.
64	64	117	SLU_ENV	Min	0.13	0.	0.
64	64	118	SLU_ENV	Min	0.13	0.	0.
64	64	545	SLV_Ex		-204.31	204.53	-92.711
64	64	544	SLV_Ex		-204.31	204.53	-92.711
64	64	117	SLV_Ex		-204.31	204.53	-92.711
64	64	118	SLV_Ex		-204.31	204.53	-92.711
65	65	118	SLU_ENV	Max	39.06	0.	0.
65	65	117	SLU_ENV	Max	39.06	0.	0.
65	65	4	SLU_ENV	Max	39.06	0.	0.
65	65	5	SLU_ENV	Max	39.06	0.	0.
65	65	118	SLU_ENV	Min	7.332E-02	0.	0.
65	65	117	SLU_ENV	Min	7.332E-02	0.	0.
65	65	4	SLU_ENV	Min	7.332E-02	0.	0.
65	65	5	SLU_ENV	Min	7.332E-02	0.	0.
65	65	118	SLV_Ex		-201.77	201.89	-91.961
65	65	117	SLV_Ex		-201.77	201.89	-91.961
65	65	4	SLV_Ex		-201.77	201.89	-91.961
65	65	5	SLV_Ex		-201.77	201.89	-91.961
66	66	5	SLU_ENV	Max	36.77	0.	0.
66	66	4	SLU_ENV	Max	36.77	0.	0.
66	66	32	SLU_ENV	Max	36.77	0.	0.
66	66	33	SLU_ENV	Max	36.77	0.	0.
66	66	5	SLU_ENV	Min	5.145E-02	0.	0.
66	66	4	SLU_ENV	Min	5.145E-02	0.	0.
66	66	32	SLU_ENV	Min	5.145E-02	0.	0.
66	66	33	SLU_ENV	Min	5.145E-02	0.	0.
66	66	5	SLV_Ex		-199.29	199.31	-90.66
66	66	4	SLV_Ex		-199.29	199.31	-90.66
66	66	32	SLV_Ex		-199.29	199.31	-90.66
66	66	33	SLV_Ex		-199.29	199.31	-90.66
67	67	33	SLU_ENV	Max	34.33	0.	0.
67	67	32	SLU_ENV	Max	34.33	0.	0.
67	67	59	SLU_ENV	Max	34.33	0.	0.
67	67	60	SLU_ENV	Max	34.33	0.	0.
67	67	33	SLU_ENV	Min	5.591E-02	0.	0.
67	67	32	SLU_ENV	Min	5.591E-02	0.	0.
67	67	59	SLU_ENV	Min	5.591E-02	0.	0.
67	67	60	SLU_ENV	Min	5.591E-02	0.	0.
67	67	33	SLV_Ex		-197.49	197.49	-90.144

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
67	67	32	SLV_Ex		-197.49	197.49	-90.144
67	67	59	SLV_Ex		-197.49	197.49	-90.144
67	67	60	SLV_Ex		-197.49	197.49	-90.144
68	68	60	SLU_ENV	Max	31.82	0.	0.
68	68	59	SLU_ENV	Max	31.82	0.	0.
68	68	86	SLU_ENV	Max	31.82	0.	0.
68	68	87	SLU_ENV	Max	31.82	0.	0.
68	68	60	SLU_ENV	Min	5.516E-02	0.	0.
68	68	59	SLU_ENV	Min	5.516E-02	0.	0.
68	68	86	SLU_ENV	Min	5.516E-02	0.	0.
68	68	87	SLU_ENV	Min	5.516E-02	0.	0.
68	68	60	SLV_Ex		-196.42	196.42	-89.993
68	68	59	SLV_Ex		-196.42	196.42	-89.993
68	68	86	SLV_Ex		-196.42	196.42	-89.993
68	68	87	SLV_Ex		-196.42	196.42	-89.993
69	69	87	SLU_ENV	Max	29.37	0.	0.
69	69	86	SLU_ENV	Max	29.37	0.	0.
69	69	113	SLU_ENV	Max	29.37	0.	0.
69	69	114	SLU_ENV	Max	29.37	0.	0.
69	69	87	SLU_ENV	Min	4.640E-02	0.	0.
69	69	86	SLU_ENV	Min	4.640E-02	0.	0.
69	69	113	SLU_ENV	Min	4.640E-02	0.	0.
69	69	114	SLU_ENV	Min	4.640E-02	0.	0.
69	69	87	SLV_Ex		-195.89	195.89	-89.996
69	69	86	SLV_Ex		-195.89	195.89	-89.996
69	69	113	SLV_Ex		-195.89	195.89	-89.996
69	69	114	SLV_Ex		-195.89	195.89	-89.996
70	70	806	SLU_ENV	Max	-0.54	0.	0.
70	70	821	SLU_ENV	Max	-0.54	0.	0.
70	70	822	SLU_ENV	Max	-0.54	0.	0.
70	70	807	SLU_ENV	Max	-0.54	0.	0.
70	70	806	SLU_ENV	Min	-16.3	0.	0.
70	70	821	SLU_ENV	Min	-16.3	0.	0.
70	70	822	SLU_ENV	Min	-16.3	0.	0.
70	70	807	SLU_ENV	Min	-16.3	0.	0.
70	70	806	SLV_Ex		-2.05	265.52	-0.443
70	70	821	SLV_Ex		-2.05	265.52	-0.443
70	70	822	SLV_Ex		-2.05	265.52	-0.443
70	70	807	SLV_Ex		-2.05	265.52	-0.443
71	71	807	SLU_ENV	Max	2.6	0.	0.
71	71	822	SLU_ENV	Max	2.6	0.	0.
71	71	823	SLU_ENV	Max	2.6	0.	0.
71	71	808	SLU_ENV	Max	2.6	0.	0.
71	71	807	SLU_ENV	Min	-1.95	0.	0.
71	71	822	SLU_ENV	Min	-1.95	0.	0.
71	71	823	SLU_ENV	Min	-1.95	0.	0.
71	71	808	SLU_ENV	Min	-1.95	0.	0.
71	71	807	SLV_Ex		-1.41	216.42	-0.375
71	71	822	SLV_Ex		-1.41	216.42	-0.375
71	71	823	SLV_Ex		-1.41	216.42	-0.375
71	71	808	SLV_Ex		-1.41	216.42	-0.375
72	72	808	SLU_ENV	Max	15.34	0.	0.
72	72	823	SLU_ENV	Max	15.34	0.	0.
72	72	824	SLU_ENV	Max	15.34	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
72	72	809	SLU_ENV	Max	15.34	0.	0.
72	72	808	SLU_ENV	Min	-2.15	0.	0.
72	72	823	SLU_ENV	Min	-2.15	0.	0.
72	72	824	SLU_ENV	Min	-2.15	0.	0.
72	72	809	SLU_ENV	Min	-2.15	0.	0.
72	72	808	SLV_Ex		-1.26	169.38	-0.425
72	72	823	SLV_Ex		-1.26	169.38	-0.425
72	72	824	SLV_Ex		-1.26	169.38	-0.425
72	72	809	SLV_Ex		-1.26	169.38	-0.425
73	73	809	SLU_ENV	Max	22.49	0.	0.
73	73	824	SLU_ENV	Max	22.49	0.	0.
73	73	825	SLU_ENV	Max	22.49	0.	0.
73	73	810	SLU_ENV	Max	22.49	0.	0.
73	73	809	SLU_ENV	Min	-2.19	0.	0.
73	73	824	SLU_ENV	Min	-2.19	0.	0.
73	73	825	SLU_ENV	Min	-2.19	0.	0.
73	73	810	SLU_ENV	Min	-2.19	0.	0.
73	73	809	SLV_Ex		-1.35	122.46	-0.634
73	73	824	SLV_Ex		-1.35	122.46	-0.634
73	73	825	SLV_Ex		-1.35	122.46	-0.634
73	73	810	SLV_Ex		-1.35	122.46	-0.634
74	74	810	SLU_ENV	Max	22.49	0.	0.
74	74	825	SLU_ENV	Max	22.49	0.	0.
74	74	826	SLU_ENV	Max	22.49	0.	0.
74	74	811	SLU_ENV	Max	22.49	0.	0.
74	74	810	SLU_ENV	Min	-2.19	0.	0.
74	74	825	SLU_ENV	Min	-2.19	0.	0.
74	74	826	SLU_ENV	Min	-2.19	0.	0.
74	74	811	SLU_ENV	Min	-2.19	0.	0.
74	74	810	SLV_Ex		-1.59	75.81	-1.204
74	74	825	SLV_Ex		-1.59	75.81	-1.204
74	74	826	SLV_Ex		-1.59	75.81	-1.204
74	74	811	SLV_Ex		-1.59	75.81	-1.204
75	75	811	SLU_ENV	Max	15.33	0.	0.
75	75	826	SLU_ENV	Max	15.33	0.	0.
75	75	827	SLU_ENV	Max	15.33	0.	0.
75	75	812	SLU_ENV	Max	15.33	0.	0.
75	75	811	SLU_ENV	Min	-2.15	0.	0.
75	75	826	SLU_ENV	Min	-2.15	0.	0.
75	75	827	SLU_ENV	Min	-2.15	0.	0.
75	75	812	SLU_ENV	Min	-2.15	0.	0.
75	75	811	SLV_Ex		-1.71	29.48	-3.325
75	75	826	SLV_Ex		-1.71	29.48	-3.325
75	75	827	SLV_Ex		-1.71	29.48	-3.325
75	75	812	SLV_Ex		-1.71	29.48	-3.325
76	76	812	SLU_ENV	Max	2.6	0.	0.
76	76	827	SLU_ENV	Max	2.6	0.	0.
76	76	828	SLU_ENV	Max	2.6	0.	0.
76	76	813	SLU_ENV	Max	2.6	0.	0.
76	76	812	SLU_ENV	Min	-1.95	0.	0.
76	76	827	SLU_ENV	Min	-1.95	0.	0.
76	76	828	SLU_ENV	Min	-1.95	0.	0.
76	76	813	SLU_ENV	Min	-1.95	0.	0.
76	76	812	SLV_Ex		-1.41	16.6	-175.131

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
76	76	827	SLV_Ex		-1.41	16.6	-175.131
76	76	828	SLV_Ex		-1.41	16.6	-175.131
76	76	813	SLV_Ex		-1.41	16.6	-175.131
77	77	813	SLU_ENV	Max	-0.54	0.	0.
77	77	828	SLU_ENV	Max	-0.54	0.	0.
77	77	829	SLU_ENV	Max	-0.54	0.	0.
77	77	814	SLU_ENV	Max	-0.54	0.	0.
77	77	813	SLU_ENV	Min	-16.3	0.	0.
77	77	828	SLU_ENV	Min	-16.3	0.	0.
77	77	829	SLU_ENV	Min	-16.3	0.	0.
77	77	814	SLU_ENV	Min	-16.3	0.	0.
77	77	813	SLV_Ex		5.390E-02	64.64	179.952
77	77	828	SLV_Ex		5.390E-02	64.64	179.952
77	77	829	SLV_Ex		5.390E-02	64.64	179.952
77	77	814	SLV_Ex		5.390E-02	64.64	179.952
78	78	114	SLU_ENV	Max	27.14	0.	0.
78	78	113	SLU_ENV	Max	27.14	0.	0.
78	78	166	SLU_ENV	Max	27.14	0.	0.
78	78	167	SLU_ENV	Max	27.14	0.	0.
78	78	114	SLU_ENV	Min	3.004E-02	0.	0.
78	78	113	SLU_ENV	Min	3.004E-02	0.	0.
78	78	166	SLU_ENV	Min	3.004E-02	0.	0.
78	78	167	SLU_ENV	Min	3.004E-02	0.	0.
78	78	114	SLV_Ex		-195.79	195.79	-90.031
78	78	113	SLV_Ex		-195.79	195.79	-90.031
78	78	166	SLV_Ex		-195.79	195.79	-90.031
78	78	167	SLV_Ex		-195.79	195.79	-90.031
79	79	167	SLU_ENV	Max	25.2	0.	0.
79	79	166	SLU_ENV	Max	25.2	0.	0.
79	79	193	SLU_ENV	Max	25.2	0.	0.
79	79	194	SLU_ENV	Max	25.2	0.	0.
79	79	167	SLU_ENV	Min	4.206E-03	0.	0.
79	79	166	SLU_ENV	Min	4.206E-03	0.	0.
79	79	193	SLU_ENV	Min	4.206E-03	0.	0.
79	79	194	SLU_ENV	Min	4.206E-03	0.	0.
79	79	167	SLV_Ex		-196.16	196.16	-89.996
79	79	166	SLV_Ex		-196.16	196.16	-89.996
79	79	193	SLV_Ex		-196.16	196.16	-89.996
79	79	194	SLV_Ex		-196.16	196.16	-89.996
80	80	194	SLU_ENV	Max	23.68	0.	0.
80	80	193	SLU_ENV	Max	23.68	0.	0.
80	80	220	SLU_ENV	Max	23.68	0.	0.
80	80	221	SLU_ENV	Max	23.68	0.	0.
80	80	194	SLU_ENV	Min	-4.579E-03	0.	0.
80	80	193	SLU_ENV	Min	-4.579E-03	0.	0.
80	80	220	SLU_ENV	Min	-4.579E-03	0.	0.
80	80	221	SLU_ENV	Min	-4.579E-03	0.	0.
80	80	194	SLV_Ex		-196.85	196.85	-89.695
80	80	193	SLV_Ex		-196.85	196.85	-89.695
80	80	220	SLV_Ex		-196.85	196.85	-89.695
80	80	221	SLV_Ex		-196.85	196.85	-89.695
81	81	221	SLU_ENV	Max	22.61	0.	0.
81	81	220	SLU_ENV	Max	22.61	0.	0.
81	81	247	SLU_ENV	Max	22.61	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
81	81	248	SLU_ENV	Max	22.61	0.	0.
81	81	221	SLU_ENV	Min	1.767E-02	0.	0.
81	81	220	SLU_ENV	Min	1.767E-02	0.	0.
81	81	247	SLU_ENV	Min	1.767E-02	0.	0.
81	81	248	SLU_ENV	Min	1.767E-02	0.	0.
81	81	221	SLV_Ex		-198.05	198.1	-88.734
81	81	220	SLV_Ex		-198.05	198.1	-88.734
81	81	247	SLV_Ex		-198.05	198.1	-88.734
81	81	248	SLV_Ex		-198.05	198.1	-88.734
82	82	248	SLU_ENV	Max	22.18	0.	0.
82	82	247	SLU_ENV	Max	22.18	0.	0.
82	82	274	SLU_ENV	Max	22.18	0.	0.
82	82	275	SLU_ENV	Max	22.18	0.	0.
82	82	248	SLU_ENV	Min	0.19	0.	0.
82	82	247	SLU_ENV	Min	0.19	0.	0.
82	82	274	SLU_ENV	Min	0.19	0.	0.
82	82	275	SLU_ENV	Min	0.19	0.	0.
82	82	248	SLV_Ex		-198.53	198.89	-86.586
82	82	247	SLV_Ex		-198.53	198.89	-86.586
82	82	274	SLV_Ex		-198.53	198.89	-86.586
82	82	275	SLV_Ex		-198.53	198.89	-86.586
83	83	275	SLU_ENV	Max	22.32	0.	0.
83	83	274	SLU_ENV	Max	22.32	0.	0.
83	83	301	SLU_ENV	Max	22.32	0.	0.
83	83	302	SLU_ENV	Max	22.32	0.	0.
83	83	275	SLU_ENV	Min	0.52	0.	0.
83	83	274	SLU_ENV	Min	0.52	0.	0.
83	83	301	SLU_ENV	Min	0.52	0.	0.
83	83	302	SLU_ENV	Min	0.52	0.	0.
83	83	275	SLV_Ex		-196.47	198.12	-82.604
83	83	274	SLV_Ex		-196.47	198.12	-82.604
83	83	301	SLV_Ex		-196.47	198.12	-82.604
83	83	302	SLV_Ex		-196.47	198.12	-82.604
84	84	580	SLU_ENV	Max	39.81	0.	0.
84	84	579	SLU_ENV	Max	39.81	0.	0.
84	84	561	SLU_ENV	Max	39.81	0.	0.
84	84	562	SLU_ENV	Max	39.81	0.	0.
84	84	580	SLU_ENV	Min	-0.22	0.	0.
84	84	579	SLU_ENV	Min	-0.22	0.	0.
84	84	561	SLU_ENV	Min	-0.22	0.	0.
84	84	562	SLU_ENV	Min	-0.22	0.	0.
84	84	580	SLV_Ex		-117.96	120.49	-101.771
84	84	579	SLV_Ex		-117.96	120.49	-101.771
84	84	561	SLV_Ex		-117.96	120.49	-101.771
84	84	562	SLV_Ex		-117.96	120.49	-101.771
85	85	562	SLU_ENV	Max	41.71	0.	0.
85	85	561	SLU_ENV	Max	41.71	0.	0.
85	85	543	SLU_ENV	Max	41.71	0.	0.
85	85	544	SLU_ENV	Max	41.71	0.	0.
85	85	562	SLU_ENV	Min	0.11	0.	0.
85	85	561	SLU_ENV	Min	0.11	0.	0.
85	85	543	SLU_ENV	Min	0.11	0.	0.
85	85	544	SLU_ENV	Min	0.11	0.	0.
85	85	562	SLV_Ex		-122.46	123.08	-95.751

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
85	85	561	SLV_Ex		-122.46	123.08	-95.751
85	85	543	SLV_Ex		-122.46	123.08	-95.751
85	85	544	SLV_Ex		-122.46	123.08	-95.751
86	86	821	SLU_ENV	Max	-0.22	0.	0.
86	86	836	SLU_ENV	Max	-0.22	0.	0.
86	86	837	SLU_ENV	Max	-0.22	0.	0.
86	86	822	SLU_ENV	Max	-0.22	0.	0.
86	86	821	SLU_ENV	Min	-15.72	0.	0.
86	86	836	SLU_ENV	Min	-15.72	0.	0.
86	86	837	SLU_ENV	Min	-15.72	0.	0.
86	86	822	SLU_ENV	Min	-15.72	0.	0.
86	86	821	SLV_Ex		-1.17	265.11	-0.254
86	86	836	SLV_Ex		-1.17	265.11	-0.254
86	86	837	SLV_Ex		-1.17	265.11	-0.254
86	86	822	SLV_Ex		-1.17	265.11	-0.254
87	87	822	SLU_ENV	Max	4.14	0.	0.
87	87	837	SLU_ENV	Max	4.14	0.	0.
87	87	838	SLU_ENV	Max	4.14	0.	0.
87	87	823	SLU_ENV	Max	4.14	0.	0.
87	87	822	SLU_ENV	Min	-0.93	0.	0.
87	87	837	SLU_ENV	Min	-0.93	0.	0.
87	87	838	SLU_ENV	Min	-0.93	0.	0.
87	87	823	SLU_ENV	Min	-0.93	0.	0.
87	87	822	SLV_Ex		-1.02	216.11	-0.27
87	87	837	SLV_Ex		-1.02	216.11	-0.27
87	87	838	SLV_Ex		-1.02	216.11	-0.27
87	87	823	SLV_Ex		-1.02	216.11	-0.27
88	88	823	SLU_ENV	Max	34.8	0.	0.
88	88	838	SLU_ENV	Max	34.8	0.	0.
88	88	839	SLU_ENV	Max	34.8	0.	0.
88	88	824	SLU_ENV	Max	34.8	0.	0.
88	88	823	SLU_ENV	Min	-1.17	0.	0.
88	88	838	SLU_ENV	Min	-1.17	0.	0.
88	88	839	SLU_ENV	Min	-1.17	0.	0.
88	88	824	SLU_ENV	Min	-1.17	0.	0.
88	88	823	SLV_Ex		-0.88	169.3	-0.299
88	88	838	SLV_Ex		-0.88	169.3	-0.299
88	88	839	SLV_Ex		-0.88	169.3	-0.299
88	88	824	SLV_Ex		-0.88	169.3	-0.299
89	89	824	SLU_ENV	Max	44.27	0.	0.
89	89	839	SLU_ENV	Max	44.27	0.	0.
89	89	840	SLU_ENV	Max	44.27	0.	0.
89	89	825	SLU_ENV	Max	44.27	0.	0.
89	89	824	SLU_ENV	Min	-1.27	0.	0.
89	89	839	SLU_ENV	Min	-1.27	0.	0.
89	89	840	SLU_ENV	Min	-1.27	0.	0.
89	89	825	SLU_ENV	Min	-1.27	0.	0.
89	89	824	SLV_Ex		-0.89	122.51	-0.418
89	89	839	SLV_Ex		-0.89	122.51	-0.418
89	89	840	SLV_Ex		-0.89	122.51	-0.418
89	89	825	SLV_Ex		-0.89	122.51	-0.418
90	90	825	SLU_ENV	Max	44.27	0.	0.
90	90	840	SLU_ENV	Max	44.27	0.	0.
90	90	841	SLU_ENV	Max	44.27	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
90	90	826	SLU_ENV	Max	44.27	0.	0.
90	90	825	SLU_ENV	Min	-1.27	0.	0.
90	90	840	SLU_ENV	Min	-1.27	0.	0.
90	90	841	SLU_ENV	Min	-1.27	0.	0.
90	90	826	SLU_ENV	Min	-1.27	0.	0.
90	90	825	SLV_Ex		-0.89	75.81	-0.669
90	90	840	SLV_Ex		-0.89	75.81	-0.669
90	90	841	SLV_Ex		-0.89	75.81	-0.669
90	90	826	SLV_Ex		-0.89	75.81	-0.669
91	91	826	SLU_ENV	Max	34.8	0.	0.
91	91	841	SLU_ENV	Max	34.8	0.	0.
91	91	842	SLU_ENV	Max	34.8	0.	0.
91	91	827	SLU_ENV	Max	34.8	0.	0.
91	91	826	SLU_ENV	Min	-1.17	0.	0.
91	91	841	SLU_ENV	Min	-1.17	0.	0.
91	91	842	SLU_ENV	Min	-1.17	0.	0.
91	91	827	SLU_ENV	Min	-1.17	0.	0.
91	91	826	SLV_Ex		-0.79	29.26	-1.554
91	91	841	SLV_Ex		-0.79	29.26	-1.554
91	91	842	SLV_Ex		-0.79	29.26	-1.554
91	91	827	SLV_Ex		-0.79	29.26	-1.554
92	92	827	SLU_ENV	Max	4.14	0.	0.
92	92	842	SLU_ENV	Max	4.14	0.	0.
92	92	843	SLU_ENV	Max	4.14	0.	0.
92	92	828	SLU_ENV	Max	4.14	0.	0.
92	92	827	SLU_ENV	Min	-0.93	0.	0.
92	92	842	SLU_ENV	Min	-0.93	0.	0.
92	92	843	SLU_ENV	Min	-0.93	0.	0.
92	92	828	SLU_ENV	Min	-0.93	0.	0.
92	92	827	SLV_Ex		-0.36	17.26	-178.792
92	92	842	SLV_Ex		-0.36	17.26	-178.792
92	92	843	SLV_Ex		-0.36	17.26	-178.792
92	92	828	SLV_Ex		-0.36	17.26	-178.792
93	93	828	SLU_ENV	Max	-0.22	0.	0.
93	93	843	SLU_ENV	Max	-0.22	0.	0.
93	93	844	SLU_ENV	Max	-0.22	0.	0.
93	93	829	SLU_ENV	Max	-0.22	0.	0.
93	93	828	SLU_ENV	Min	-15.72	0.	0.
93	93	843	SLU_ENV	Min	-15.72	0.	0.
93	93	844	SLU_ENV	Min	-15.72	0.	0.
93	93	829	SLU_ENV	Min	-15.72	0.	0.
93	93	828	SLV_Ex		0.65	66.3	179.44
93	93	843	SLV_Ex		0.65	66.3	179.44
93	93	844	SLV_Ex		0.65	66.3	179.44
93	93	829	SLV_Ex		0.65	66.3	179.44
94	94	544	SLU_ENV	Max	42.37	0.	0.
94	94	543	SLU_ENV	Max	42.37	0.	0.
94	94	116	SLU_ENV	Max	42.37	0.	0.
94	94	117	SLU_ENV	Max	42.37	0.	0.
94	94	544	SLU_ENV	Min	0.34	0.	0.
94	94	543	SLU_ENV	Min	0.34	0.	0.
94	94	116	SLU_ENV	Min	0.34	0.	0.
94	94	117	SLU_ENV	Min	0.34	0.	0.
94	94	544	SLV_Ex		-126.52	126.84	-94.094

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
94	94	543	SLV_Ex		-126.52	126.84	-94.094
94	94	116	SLV_Ex		-126.52	126.84	-94.094
94	94	117	SLV_Ex		-126.52	126.84	-94.094
95	95	117	SLU_ENV	Max	40.9	0.	0.
95	95	116	SLU_ENV	Max	40.9	0.	0.
95	95	3	SLU_ENV	Max	40.9	0.	0.
95	95	4	SLU_ENV	Max	40.9	0.	0.
95	95	117	SLU_ENV	Min	0.36	0.	0.
95	95	116	SLU_ENV	Min	0.36	0.	0.
95	95	3	SLU_ENV	Min	0.36	0.	0.
95	95	4	SLU_ENV	Min	0.36	0.	0.
95	95	117	SLV_Ex		-128.55	128.76	-93.271
95	95	116	SLV_Ex		-128.55	128.76	-93.271
95	95	3	SLV_Ex		-128.55	128.76	-93.271
95	95	4	SLV_Ex		-128.55	128.76	-93.271
96	96	4	SLU_ENV	Max	38.16	0.	0.
96	96	3	SLU_ENV	Max	38.16	0.	0.
96	96	31	SLU_ENV	Max	38.16	0.	0.
96	96	32	SLU_ENV	Max	38.16	0.	0.
96	96	4	SLU_ENV	Min	0.29	0.	0.
96	96	3	SLU_ENV	Min	0.29	0.	0.
96	96	31	SLU_ENV	Min	0.29	0.	0.
96	96	32	SLU_ENV	Min	0.29	0.	0.
96	96	4	SLV_Ex		-129.32	129.35	-91.358
96	96	3	SLV_Ex		-129.32	129.35	-91.358
96	96	31	SLV_Ex		-129.32	129.35	-91.358
96	96	32	SLV_Ex		-129.32	129.35	-91.358
97	97	32	SLU_ENV	Max	35.1	0.	0.
97	97	31	SLU_ENV	Max	35.1	0.	0.
97	97	58	SLU_ENV	Max	35.1	0.	0.
97	97	59	SLU_ENV	Max	35.1	0.	0.
97	97	32	SLU_ENV	Min	0.2	0.	0.
97	97	31	SLU_ENV	Min	0.2	0.	0.
97	97	58	SLU_ENV	Min	0.2	0.	0.
97	97	59	SLU_ENV	Min	0.2	0.	0.
97	97	32	SLV_Ex		-129.28	129.29	-90.524
97	97	31	SLV_Ex		-129.28	129.29	-90.524
97	97	58	SLV_Ex		-129.28	129.29	-90.524
97	97	59	SLV_Ex		-129.28	129.29	-90.524
98	98	59	SLU_ENV	Max	32.16	0.	0.
98	98	58	SLU_ENV	Max	32.16	0.	0.
98	98	85	SLU_ENV	Max	32.16	0.	0.
98	98	86	SLU_ENV	Max	32.16	0.	0.
98	98	59	SLU_ENV	Min	0.14	0.	0.
98	98	58	SLU_ENV	Min	0.14	0.	0.
98	98	85	SLU_ENV	Min	0.14	0.	0.
98	98	86	SLU_ENV	Min	0.14	0.	0.
98	98	59	SLV_Ex		-128.99	128.99	-90.198
98	98	58	SLV_Ex		-128.99	128.99	-90.198
98	98	85	SLV_Ex		-128.99	128.99	-90.198
98	98	86	SLV_Ex		-128.99	128.99	-90.198
99	99	86	SLU_ENV	Max	29.53	0.	0.
99	99	85	SLU_ENV	Max	29.53	0.	0.
99	99	112	SLU_ENV	Max	29.53	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
99	99	113	SLU_ENV	Max	29.53	0.	0.
99	99	86	SLU_ENV	Min	0.13	0.	0.
99	99	85	SLU_ENV	Min	0.13	0.	0.
99	99	112	SLU_ENV	Min	0.13	0.	0.
99	99	113	SLU_ENV	Min	0.13	0.	0.
99	99	86	SLV_Ex		-128.74	128.74	-90.094
99	99	85	SLV_Ex		-128.74	128.74	-90.094
99	99	112	SLV_Ex		-128.74	128.74	-90.094
99	99	113	SLV_Ex		-128.74	128.74	-90.094
100	100	113	SLU_ENV	Max	27.27	0.	0.
100	100	112	SLU_ENV	Max	27.27	0.	0.
100	100	165	SLU_ENV	Max	27.27	0.	0.
100	100	166	SLU_ENV	Max	27.27	0.	0.
100	100	113	SLU_ENV	Min	0.15	0.	0.
100	100	112	SLU_ENV	Min	0.15	0.	0.
100	100	165	SLU_ENV	Min	0.15	0.	0.
100	100	166	SLU_ENV	Min	0.15	0.	0.
100	100	113	SLV_Ex		-128.63	128.63	-90.051
100	100	112	SLV_Ex		-128.63	128.63	-90.051
100	100	165	SLV_Ex		-128.63	128.63	-90.051
100	100	166	SLV_Ex		-128.63	128.63	-90.051
101	101	166	SLU_ENV	Max	25.5	0.	0.
101	101	165	SLU_ENV	Max	25.5	0.	0.
101	101	192	SLU_ENV	Max	25.5	0.	0.
101	101	193	SLU_ENV	Max	25.5	0.	0.
101	101	166	SLU_ENV	Min	0.21	0.	0.
101	101	165	SLU_ENV	Min	0.21	0.	0.
101	101	192	SLU_ENV	Min	0.21	0.	0.
101	101	193	SLU_ENV	Min	0.21	0.	0.
101	101	166	SLV_Ex		-128.51	128.51	-89.952
101	101	165	SLV_Ex		-128.51	128.51	-89.952
101	101	192	SLV_Ex		-128.51	128.51	-89.952
101	101	193	SLV_Ex		-128.51	128.51	-89.952
102	102	836	SLU_ENV	Max	4.033E-02	0.	0.
102	102	851	SLU_ENV	Max	4.033E-02	0.	0.
102	102	852	SLU_ENV	Max	4.033E-02	0.	0.
102	102	837	SLU_ENV	Max	4.033E-02	0.	0.
102	102	836	SLU_ENV	Min	-15.65	0.	0.
102	102	851	SLU_ENV	Min	-15.65	0.	0.
102	102	852	SLU_ENV	Min	-15.65	0.	0.
102	102	837	SLU_ENV	Min	-15.65	0.	0.
102	102	836	SLV_Ex		-0.52	265.04	-0.112
102	102	851	SLV_Ex		-0.52	265.04	-0.112
102	102	852	SLV_Ex		-0.52	265.04	-0.112
102	102	837	SLV_Ex		-0.52	265.04	-0.112
103	103	837	SLU_ENV	Max	-0.12	0.	0.
103	103	852	SLU_ENV	Max	-0.12	0.	0.
103	103	853	SLU_ENV	Max	-0.12	0.	0.
103	103	838	SLU_ENV	Max	-0.12	0.	0.
103	103	837	SLU_ENV	Min	-0.71	0.	0.
103	103	852	SLU_ENV	Min	-0.71	0.	0.
103	103	853	SLU_ENV	Min	-0.71	0.	0.
103	103	838	SLU_ENV	Min	-0.71	0.	0.
103	103	837	SLV_Ex		-0.49	215.97	-0.13

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
103	103	852	SLV_Ex		-0.49	215.97	-0.13
103	103	853	SLV_Ex		-0.49	215.97	-0.13
103	103	838	SLV_Ex		-0.49	215.97	-0.13
104	104	838	SLU_ENV	Max	3.35	0.	0.
104	104	853	SLU_ENV	Max	3.35	0.	0.
104	104	854	SLU_ENV	Max	3.35	0.	0.
104	104	839	SLU_ENV	Max	3.35	0.	0.
104	104	838	SLU_ENV	Min	-0.4	0.	0.
104	104	853	SLU_ENV	Min	-0.4	0.	0.
104	104	854	SLU_ENV	Min	-0.4	0.	0.
104	104	839	SLU_ENV	Min	-0.4	0.	0.
104	104	838	SLV_Ex		-0.45	169.2	-0.154
104	104	853	SLV_Ex		-0.45	169.2	-0.154
104	104	854	SLV_Ex		-0.45	169.2	-0.154
104	104	839	SLV_Ex		-0.45	169.2	-0.154
105	105	839	SLU_ENV	Max	9.33	0.	0.
105	105	854	SLU_ENV	Max	9.33	0.	0.
105	105	855	SLU_ENV	Max	9.33	0.	0.
105	105	840	SLU_ENV	Max	9.33	0.	0.
105	105	839	SLU_ENV	Min	-0.46	0.	0.
105	105	854	SLU_ENV	Min	-0.46	0.	0.
105	105	855	SLU_ENV	Min	-0.46	0.	0.
105	105	840	SLU_ENV	Min	-0.46	0.	0.
105	105	839	SLV_Ex		-0.38	122.43	-0.177
105	105	854	SLV_Ex		-0.38	122.43	-0.177
105	105	855	SLV_Ex		-0.38	122.43	-0.177
105	105	840	SLV_Ex		-0.38	122.43	-0.177
106	106	840	SLU_ENV	Max	9.33	0.	0.
106	106	855	SLU_ENV	Max	9.33	0.	0.
106	106	856	SLU_ENV	Max	9.33	0.	0.
106	106	841	SLU_ENV	Max	9.33	0.	0.
106	106	840	SLU_ENV	Min	-0.46	0.	0.
106	106	855	SLU_ENV	Min	-0.46	0.	0.
106	106	856	SLU_ENV	Min	-0.46	0.	0.
106	106	841	SLU_ENV	Min	-0.46	0.	0.
106	106	840	SLV_Ex		-0.33	75.7	-0.248
106	106	855	SLV_Ex		-0.33	75.7	-0.248
106	106	856	SLV_Ex		-0.33	75.7	-0.248
106	106	841	SLV_Ex		-0.33	75.7	-0.248
107	107	841	SLU_ENV	Max	3.35	0.	0.
107	107	856	SLU_ENV	Max	3.35	0.	0.
107	107	857	SLU_ENV	Max	3.35	0.	0.
107	107	842	SLU_ENV	Max	3.35	0.	0.
107	107	841	SLU_ENV	Min	-0.4	0.	0.
107	107	856	SLU_ENV	Min	-0.4	0.	0.
107	107	857	SLU_ENV	Min	-0.4	0.	0.
107	107	842	SLU_ENV	Min	-0.4	0.	0.
107	107	841	SLV_Ex		-0.17	28.99	-0.332
107	107	856	SLV_Ex		-0.17	28.99	-0.332
107	107	857	SLV_Ex		-0.17	28.99	-0.332
107	107	842	SLV_Ex		-0.17	28.99	-0.332
108	108	842	SLU_ENV	Max	-0.12	0.	0.
108	108	857	SLU_ENV	Max	-0.12	0.	0.
108	108	858	SLU_ENV	Max	-0.12	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
108	108	843	SLU_ENV	Max	-0.12	0.	0.
108	108	842	SLU_ENV	Min	-0.71	0.	0.
108	108	857	SLU_ENV	Min	-0.71	0.	0.
108	108	858	SLU_ENV	Min	-0.71	0.	0.
108	108	843	SLU_ENV	Min	-0.71	0.	0.
108	108	842	SLV_Ex		9.372E-02	17.8	179.698
108	108	857	SLV_Ex		9.372E-02	17.8	179.698
108	108	858	SLV_Ex		9.372E-02	17.8	179.698
108	108	843	SLV_Ex		9.372E-02	17.8	179.698
109	109	843	SLU_ENV	Max	4.087E-02	0.	0.
109	109	858	SLU_ENV	Max	4.087E-02	0.	0.
109	109	859	SLU_ENV	Max	4.087E-02	0.	0.
109	109	844	SLU_ENV	Max	4.087E-02	0.	0.
109	109	843	SLU_ENV	Min	-15.65	0.	0.
109	109	858	SLU_ENV	Min	-15.65	0.	0.
109	109	859	SLU_ENV	Min	-15.65	0.	0.
109	109	844	SLU_ENV	Min	-15.65	0.	0.
109	109	843	SLV_Ex		0.63	67.21	179.461
109	109	858	SLV_Ex		0.63	67.21	179.461
109	109	859	SLV_Ex		0.63	67.21	179.461
109	109	844	SLV_Ex		0.63	67.21	179.461
110	110	193	SLU_ENV	Max	24.17	0.	0.
110	110	192	SLU_ENV	Max	24.17	0.	0.
110	110	219	SLU_ENV	Max	24.17	0.	0.
110	110	220	SLU_ENV	Max	24.17	0.	0.
110	110	193	SLU_ENV	Min	0.28	0.	0.
110	110	192	SLU_ENV	Min	0.28	0.	0.
110	110	219	SLU_ENV	Min	0.28	0.	0.
110	110	220	SLU_ENV	Min	0.28	0.	0.
110	110	193	SLV_Ex		-128.08	128.08	-89.567
110	110	192	SLV_Ex		-128.08	128.08	-89.567
110	110	219	SLV_Ex		-128.08	128.08	-89.567
110	110	220	SLV_Ex		-128.08	128.08	-89.567
111	111	220	SLU_ENV	Max	23.08	0.	0.
111	111	219	SLU_ENV	Max	23.08	0.	0.
111	111	246	SLU_ENV	Max	23.08	0.	0.
111	111	247	SLU_ENV	Max	23.08	0.	0.
111	111	220	SLU_ENV	Min	0.3	0.	0.
111	111	219	SLU_ENV	Min	0.3	0.	0.
111	111	246	SLU_ENV	Min	0.3	0.	0.
111	111	247	SLU_ENV	Min	0.3	0.	0.
111	111	220	SLV_Ex		-126.31	126.35	-88.453
111	111	219	SLV_Ex		-126.31	126.35	-88.453
111	111	246	SLV_Ex		-126.31	126.35	-88.453
111	111	247	SLV_Ex		-126.31	126.35	-88.453
112	112	247	SLU_ENV	Max	21.51	0.	0.
112	112	246	SLU_ENV	Max	21.51	0.	0.
112	112	273	SLU_ENV	Max	21.51	0.	0.
112	112	274	SLU_ENV	Max	21.51	0.	0.
112	112	247	SLU_ENV	Min	7.945E-02	0.	0.
112	112	246	SLU_ENV	Min	7.945E-02	0.	0.
112	112	273	SLU_ENV	Min	7.945E-02	0.	0.
112	112	274	SLU_ENV	Min	7.945E-02	0.	0.
112	112	247	SLV_Ex		-121.86	122.31	-85.09

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
112	112	246	SLV_Ex		-121.86	122.31	-85.09
112	112	273	SLV_Ex		-121.86	122.31	-85.09
112	112	274	SLV_Ex		-121.86	122.31	-85.09
113	113	274	SLU_ENV	Max	19.57	0.	0.
113	113	273	SLU_ENV	Max	19.57	0.	0.
113	113	300	SLU_ENV	Max	19.57	0.	0.
113	113	301	SLU_ENV	Max	19.57	0.	0.
113	113	274	SLU_ENV	Min	-0.32	0.	0.
113	113	273	SLU_ENV	Min	-0.32	0.	0.
113	113	300	SLU_ENV	Min	-0.32	0.	0.
113	113	301	SLU_ENV	Min	-0.32	0.	0.
113	113	274	SLV_Ex		-116.41	118.78	-78.525
113	113	273	SLV_Ex		-116.41	118.78	-78.525
113	113	300	SLV_Ex		-116.41	118.78	-78.525
113	113	301	SLV_Ex		-116.41	118.78	-78.525
114	114	579	SLU_ENV	Max	34.26	0.	0.
114	114	597	SLU_ENV	Max	34.26	0.	0.
114	114	596	SLU_ENV	Max	34.26	0.	0.
114	114	561	SLU_ENV	Max	34.26	0.	0.
114	114	579	SLU_ENV	Min	-1.45	0.	0.
114	114	597	SLU_ENV	Min	-1.45	0.	0.
114	114	596	SLU_ENV	Min	-1.45	0.	0.
114	114	561	SLU_ENV	Min	-1.45	0.	0.
114	114	579	SLV_Ex		-27.48	33.35	-124.514
114	114	597	SLV_Ex		-27.48	33.35	-124.514
114	114	596	SLV_Ex		-27.48	33.35	-124.514
114	114	561	SLV_Ex		-27.48	33.35	-124.514
115	115	561	SLU_ENV	Max	42.66	0.	0.
115	115	596	SLU_ENV	Max	42.66	0.	0.
115	115	595	SLU_ENV	Max	42.66	0.	0.
115	115	543	SLU_ENV	Max	42.66	0.	0.
115	115	561	SLU_ENV	Min	3.796E-02	0.	0.
115	115	596	SLU_ENV	Min	3.796E-02	0.	0.
115	115	595	SLU_ENV	Min	3.796E-02	0.	0.
115	115	543	SLU_ENV	Min	3.796E-02	0.	0.
115	115	561	SLV_Ex		-39.9	39.95	-93.044
115	115	596	SLV_Ex		-39.9	39.95	-93.044
115	115	595	SLV_Ex		-39.9	39.95	-93.044
115	115	543	SLV_Ex		-39.9	39.95	-93.044
116	116	543	SLU_ENV	Max	45.95	0.	0.
116	116	595	SLU_ENV	Max	45.95	0.	0.
116	116	115	SLU_ENV	Max	45.95	0.	0.
116	116	116	SLU_ENV	Max	45.95	0.	0.
116	116	543	SLU_ENV	Min	0.81	0.	0.
116	116	595	SLU_ENV	Min	0.81	0.	0.
116	116	115	SLU_ENV	Min	0.81	0.	0.
116	116	116	SLU_ENV	Min	0.81	0.	0.
116	116	543	SLV_Ex		-50.86	50.95	-93.316
116	116	595	SLV_Ex		-50.86	50.95	-93.316
116	116	115	SLV_Ex		-50.86	50.95	-93.316
116	116	116	SLV_Ex		-50.86	50.95	-93.316
117	117	116	SLU_ENV	Max	43.77	0.	0.
117	117	115	SLU_ENV	Max	43.77	0.	0.
117	117	2	SLU_ENV	Max	43.77	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
117	117	3	SLU_ENV	Max	43.77	0.	0.
117	117	116	SLU_ENV	Min	0.76	0.	0.
117	117	115	SLU_ENV	Min	0.76	0.	0.
117	117	2	SLU_ENV	Min	0.76	0.	0.
117	117	3	SLU_ENV	Min	0.76	0.	0.
117	117	116	SLV_Ex		-56.79	56.96	-94.43
117	117	115	SLV_Ex		-56.79	56.96	-94.43
117	117	2	SLV_Ex		-56.79	56.96	-94.43
117	117	3	SLV_Ex		-56.79	56.96	-94.43
118	118	851	SLU_ENV	Max	0.23	0.	0.
118	118	866	SLU_ENV	Max	0.23	0.	0.
118	118	867	SLU_ENV	Max	0.23	0.	0.
118	118	852	SLU_ENV	Max	0.23	0.	0.
118	118	851	SLU_ENV	Min	-14.59	0.	0.
118	118	866	SLU_ENV	Min	-14.59	0.	0.
118	118	867	SLU_ENV	Min	-14.59	0.	0.
118	118	852	SLU_ENV	Min	-14.59	0.	0.
118	118	851	SLV_Ex		-0.11	264.97	-0.024
118	118	866	SLV_Ex		-0.11	264.97	-0.024
118	118	867	SLV_Ex		-0.11	264.97	-0.024
118	118	852	SLV_Ex		-0.11	264.97	-0.024
119	119	852	SLU_ENV	Max	0.29	0.	0.
119	119	867	SLU_ENV	Max	0.29	0.	0.
119	119	868	SLU_ENV	Max	0.29	0.	0.
119	119	853	SLU_ENV	Max	0.29	0.	0.
119	119	852	SLU_ENV	Min	-0.38	0.	0.
119	119	867	SLU_ENV	Min	-0.38	0.	0.
119	119	868	SLU_ENV	Min	-0.38	0.	0.
119	119	853	SLU_ENV	Min	-0.38	0.	0.
119	119	852	SLV_Ex		-3.226E-02	215.9	-8.562E-03
119	119	867	SLV_Ex		-3.226E-02	215.9	-8.562E-03
119	119	868	SLV_Ex		-3.226E-02	215.9	-8.562E-03
119	119	853	SLV_Ex		-3.226E-02	215.9	-8.562E-03
120	120	853	SLU_ENV	Max	10.15	0.	0.
120	120	868	SLU_ENV	Max	10.15	0.	0.
120	120	869	SLU_ENV	Max	10.15	0.	0.
120	120	854	SLU_ENV	Max	10.15	0.	0.
120	120	853	SLU_ENV	Min	6.193E-02	0.	0.
120	120	868	SLU_ENV	Min	6.193E-02	0.	0.
120	120	869	SLU_ENV	Min	6.193E-02	0.	0.
120	120	854	SLU_ENV	Min	6.193E-02	0.	0.
120	120	853	SLV_Ex		3.496E-02	169.13	0.012
120	120	868	SLV_Ex		3.496E-02	169.13	0.012
120	120	869	SLV_Ex		3.496E-02	169.13	0.012
120	120	854	SLV_Ex		3.496E-02	169.13	0.012
121	121	854	SLU_ENV	Max	15.96	0.	0.
121	121	869	SLU_ENV	Max	15.96	0.	0.
121	121	870	SLU_ENV	Max	15.96	0.	0.
121	121	855	SLU_ENV	Max	15.96	0.	0.
121	121	854	SLU_ENV	Min	6.444E-02	0.	0.
121	121	869	SLU_ENV	Min	6.444E-02	0.	0.
121	121	870	SLU_ENV	Min	6.444E-02	0.	0.
121	121	855	SLU_ENV	Min	6.444E-02	0.	0.
121	121	854	SLV_Ex		7.894E-02	122.34	0.037

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
121	121	869	SLV_Ex		7.894E-02	122.34	0.037
121	121	870	SLV_Ex		7.894E-02	122.34	0.037
121	121	855	SLV_Ex		7.894E-02	122.34	0.037
122	122	855	SLU_ENV	Max	15.95	0.	0.
122	122	870	SLU_ENV	Max	15.95	0.	0.
122	122	871	SLU_ENV	Max	15.95	0.	0.
122	122	856	SLU_ENV	Max	15.95	0.	0.
122	122	855	SLU_ENV	Min	6.443E-02	0.	0.
122	122	870	SLU_ENV	Min	6.443E-02	0.	0.
122	122	871	SLU_ENV	Min	6.443E-02	0.	0.
122	122	856	SLU_ENV	Min	6.443E-02	0.	0.
122	122	855	SLV_Ex		0.19	75.58	0.147
122	122	870	SLV_Ex		0.19	75.58	0.147
122	122	871	SLV_Ex		0.19	75.58	0.147
122	122	856	SLV_Ex		0.19	75.58	0.147
123	123	856	SLU_ENV	Max	10.15	0.	0.
123	123	871	SLU_ENV	Max	10.15	0.	0.
123	123	872	SLU_ENV	Max	10.15	0.	0.
123	123	857	SLU_ENV	Max	10.15	0.	0.
123	123	856	SLU_ENV	Min	6.198E-02	0.	0.
123	123	871	SLU_ENV	Min	6.198E-02	0.	0.
123	123	872	SLU_ENV	Min	6.198E-02	0.	0.
123	123	857	SLU_ENV	Min	6.198E-02	0.	0.
123	123	856	SLV_Ex		0.28	28.82	0.556
123	123	871	SLV_Ex		0.28	28.82	0.556
123	123	872	SLV_Ex		0.28	28.82	0.556
123	123	857	SLV_Ex		0.28	28.82	0.556
124	124	857	SLU_ENV	Max	0.29	0.	0.
124	124	872	SLU_ENV	Max	0.29	0.	0.
124	124	873	SLU_ENV	Max	0.29	0.	0.
124	124	858	SLU_ENV	Max	0.29	0.	0.
124	124	857	SLU_ENV	Min	-0.38	0.	0.
124	124	872	SLU_ENV	Min	-0.38	0.	0.
124	124	873	SLU_ENV	Min	-0.38	0.	0.
124	124	858	SLU_ENV	Min	-0.38	0.	0.
124	124	857	SLV_Ex		0.38	18.02	178.779
124	124	872	SLV_Ex		0.38	18.02	178.779
124	124	873	SLV_Ex		0.38	18.02	178.779
124	124	858	SLV_Ex		0.38	18.02	178.779
125	125	858	SLU_ENV	Max	0.23	0.	0.
125	125	873	SLU_ENV	Max	0.23	0.	0.
125	125	874	SLU_ENV	Max	0.23	0.	0.
125	125	859	SLU_ENV	Max	0.23	0.	0.
125	125	858	SLU_ENV	Min	-14.59	0.	0.
125	125	873	SLU_ENV	Min	-14.59	0.	0.
125	125	874	SLU_ENV	Min	-14.59	0.	0.
125	125	859	SLU_ENV	Min	-14.59	0.	0.
125	125	858	SLV_Ex		0.44	67.51	179.628
125	125	873	SLV_Ex		0.44	67.51	179.628
125	125	874	SLV_Ex		0.44	67.51	179.628
125	125	859	SLV_Ex		0.44	67.51	179.628
126	126	3	SLU_ENV	Max	39.73	0.	0.
126	126	2	SLU_ENV	Max	39.73	0.	0.
126	126	30	SLU_ENV	Max	39.73	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
126	126	31	SLU_ENV	Max	39.73	0.	0.
126	126	3	SLU_ENV	Min	0.51	0.	0.
126	126	2	SLU_ENV	Min	0.51	0.	0.
126	126	30	SLU_ENV	Min	0.51	0.	0.
126	126	31	SLU_ENV	Min	0.51	0.	0.
126	126	3	SLV_Ex		-60.05	60.09	-91.909
126	126	2	SLV_Ex		-60.05	60.09	-91.909
126	126	30	SLV_Ex		-60.05	60.09	-91.909
126	126	31	SLV_Ex		-60.05	60.09	-91.909
127	127	31	SLU_ENV	Max	35.74	0.	0.
127	127	30	SLU_ENV	Max	35.74	0.	0.
127	127	57	SLU_ENV	Max	35.74	0.	0.
127	127	58	SLU_ENV	Max	35.74	0.	0.
127	127	31	SLU_ENV	Min	0.31	0.	0.
127	127	30	SLU_ENV	Min	0.31	0.	0.
127	127	57	SLU_ENV	Min	0.31	0.	0.
127	127	58	SLU_ENV	Min	0.31	0.	0.
127	127	31	SLV_Ex		-61.25	61.26	-90.881
127	127	30	SLV_Ex		-61.25	61.26	-90.881
127	127	57	SLV_Ex		-61.25	61.26	-90.881
127	127	58	SLV_Ex		-61.25	61.26	-90.881
128	128	58	SLU_ENV	Max	32.28	0.	0.
128	128	57	SLU_ENV	Max	32.28	0.	0.
128	128	84	SLU_ENV	Max	32.28	0.	0.
128	128	85	SLU_ENV	Max	32.28	0.	0.
128	128	58	SLU_ENV	Min	0.21	0.	0.
128	128	57	SLU_ENV	Min	0.21	0.	0.
128	128	84	SLU_ENV	Min	0.21	0.	0.
128	128	85	SLU_ENV	Min	0.21	0.	0.
128	128	58	SLV_Ex		-61.53	61.53	-90.473
128	128	57	SLV_Ex		-61.53	61.53	-90.473
128	128	84	SLV_Ex		-61.53	61.53	-90.473
128	128	85	SLV_Ex		-61.53	61.53	-90.473
129	129	85	SLU_ENV	Max	29.37	0.	0.
129	129	84	SLU_ENV	Max	29.37	0.	0.
129	129	111	SLU_ENV	Max	29.37	0.	0.
129	129	112	SLU_ENV	Max	29.37	0.	0.
129	129	85	SLU_ENV	Min	0.18	0.	0.
129	129	84	SLU_ENV	Min	0.18	0.	0.
129	129	111	SLU_ENV	Min	0.18	0.	0.
129	129	112	SLU_ENV	Min	0.18	0.	0.
129	129	85	SLV_Ex		-61.51	61.51	-90.287
129	129	84	SLV_Ex		-61.51	61.51	-90.287
129	129	111	SLV_Ex		-61.51	61.51	-90.287
129	129	112	SLV_Ex		-61.51	61.51	-90.287
130	130	112	SLU_ENV	Max	27.04	0.	0.
130	130	111	SLU_ENV	Max	27.04	0.	0.
130	130	164	SLU_ENV	Max	27.04	0.	0.
130	130	165	SLU_ENV	Max	27.04	0.	0.
130	130	112	SLU_ENV	Min	0.24	0.	0.
130	130	111	SLU_ENV	Min	0.24	0.	0.
130	130	164	SLU_ENV	Min	0.24	0.	0.
130	130	165	SLU_ENV	Min	0.24	0.	0.
130	130	112	SLV_Ex		-61.44	61.44	-90.21

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
130	130	111	SLV_Ex		-61.44	61.44	-90.21
130	130	164	SLV_Ex		-61.44	61.44	-90.21
130	130	165	SLV_Ex		-61.44	61.44	-90.21
131	131	165	SLU_ENV	Max	25.4	0.	0.
131	131	164	SLU_ENV	Max	25.4	0.	0.
131	131	191	SLU_ENV	Max	25.4	0.	0.
131	131	192	SLU_ENV	Max	25.4	0.	0.
131	131	165	SLU_ENV	Min	0.39	0.	0.
131	131	164	SLU_ENV	Min	0.39	0.	0.
131	131	191	SLU_ENV	Min	0.39	0.	0.
131	131	192	SLU_ENV	Min	0.39	0.	0.
131	131	165	SLV_Ex		-61.23	61.23	-90.199
131	131	164	SLV_Ex		-61.23	61.23	-90.199
131	131	191	SLV_Ex		-61.23	61.23	-90.199
131	131	192	SLV_Ex		-61.23	61.23	-90.199
132	132	192	SLU_ENV	Max	24.5	0.	0.
132	132	191	SLU_ENV	Max	24.5	0.	0.
132	132	218	SLU_ENV	Max	24.5	0.	0.
132	132	219	SLU_ENV	Max	24.5	0.	0.
132	132	192	SLU_ENV	Min	0.63	0.	0.
132	132	191	SLU_ENV	Min	0.63	0.	0.
132	132	218	SLU_ENV	Min	0.63	0.	0.
132	132	219	SLU_ENV	Min	0.63	0.	0.
132	132	192	SLV_Ex		-60.27	60.28	-90.368
132	132	191	SLV_Ex		-60.27	60.28	-90.368
132	132	218	SLV_Ex		-60.27	60.28	-90.368
132	132	219	SLV_Ex		-60.27	60.28	-90.368
133	133	219	SLU_ENV	Max	23.89	0.	0.
133	133	218	SLU_ENV	Max	23.89	0.	0.
133	133	245	SLU_ENV	Max	23.89	0.	0.
133	133	246	SLU_ENV	Max	23.89	0.	0.
133	133	219	SLU_ENV	Min	0.79	0.	0.
133	133	218	SLU_ENV	Min	0.79	0.	0.
133	133	245	SLU_ENV	Min	0.79	0.	0.
133	133	246	SLU_ENV	Min	0.79	0.	0.
133	133	219	SLV_Ex		-56.51	56.51	-90.485
133	133	218	SLV_Ex		-56.51	56.51	-90.485
133	133	245	SLV_Ex		-56.51	56.51	-90.485
133	133	246	SLV_Ex		-56.51	56.51	-90.485
134	134	866	SLU_ENV	Max	0.58	0.	0.
134	134	881	SLU_ENV	Max	0.58	0.	0.
134	134	882	SLU_ENV	Max	0.58	0.	0.
134	134	867	SLU_ENV	Max	0.58	0.	0.
134	134	866	SLU_ENV	Min	-12.44	0.	0.
134	134	881	SLU_ENV	Min	-12.44	0.	0.
134	134	882	SLU_ENV	Min	-12.44	0.	0.
134	134	867	SLU_ENV	Min	-12.44	0.	0.
134	134	866	SLV_Ex		0.51	264.87	0.11
134	134	881	SLV_Ex		0.51	264.87	0.11
134	134	882	SLV_Ex		0.51	264.87	0.11
134	134	867	SLV_Ex		0.51	264.87	0.11
135	135	867	SLU_ENV	Max	3.28	0.	0.
135	135	882	SLU_ENV	Max	3.28	0.	0.
135	135	883	SLU_ENV	Max	3.28	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
135	135	868	SLU_ENV	Max	3.28	0.	0.
135	135	867	SLU_ENV	Min	0.24	0.	0.
135	135	882	SLU_ENV	Min	0.24	0.	0.
135	135	883	SLU_ENV	Min	0.24	0.	0.
135	135	868	SLU_ENV	Min	0.24	0.	0.
135	135	867	SLV_Ex		0.5	215.89	0.133
135	135	882	SLV_Ex		0.5	215.89	0.133
135	135	883	SLV_Ex		0.5	215.89	0.133
135	135	868	SLV_Ex		0.5	215.89	0.133
136	136	868	SLU_ENV	Max	22.89	0.	0.
136	136	883	SLU_ENV	Max	22.89	0.	0.
136	136	884	SLU_ENV	Max	22.89	0.	0.
136	136	869	SLU_ENV	Max	22.89	0.	0.
136	136	868	SLU_ENV	Min	0.27	0.	0.
136	136	883	SLU_ENV	Min	0.27	0.	0.
136	136	884	SLU_ENV	Min	0.27	0.	0.
136	136	869	SLU_ENV	Min	0.27	0.	0.
136	136	868	SLV_Ex		0.45	169.09	0.154
136	136	883	SLV_Ex		0.45	169.09	0.154
136	136	884	SLV_Ex		0.45	169.09	0.154
136	136	869	SLV_Ex		0.45	169.09	0.154
137	137	869	SLU_ENV	Max	30.01	0.	0.
137	137	884	SLU_ENV	Max	30.01	0.	0.
137	137	885	SLU_ENV	Max	30.01	0.	0.
137	137	870	SLU_ENV	Max	30.01	0.	0.
137	137	869	SLU_ENV	Min	0.27	0.	0.
137	137	884	SLU_ENV	Min	0.27	0.	0.
137	137	885	SLU_ENV	Min	0.27	0.	0.
137	137	870	SLU_ENV	Min	0.27	0.	0.
137	137	869	SLV_Ex		0.55	122.26	0.258
137	137	884	SLV_Ex		0.55	122.26	0.258
137	137	885	SLV_Ex		0.55	122.26	0.258
137	137	870	SLV_Ex		0.55	122.26	0.258
138	138	870	SLU_ENV	Max	30.01	0.	0.
138	138	885	SLU_ENV	Max	30.01	0.	0.
138	138	886	SLU_ENV	Max	30.01	0.	0.
138	138	871	SLU_ENV	Max	30.01	0.	0.
138	138	870	SLU_ENV	Min	0.27	0.	0.
138	138	885	SLU_ENV	Min	0.27	0.	0.
138	138	886	SLU_ENV	Min	0.27	0.	0.
138	138	871	SLU_ENV	Min	0.27	0.	0.
138	138	870	SLV_Ex		0.67	75.48	0.51
138	138	885	SLV_Ex		0.67	75.48	0.51
138	138	886	SLV_Ex		0.67	75.48	0.51
138	138	871	SLV_Ex		0.67	75.48	0.51
139	139	871	SLU_ENV	Max	22.89	0.	0.
139	139	886	SLU_ENV	Max	22.89	0.	0.
139	139	887	SLU_ENV	Max	22.89	0.	0.
139	139	872	SLU_ENV	Max	22.89	0.	0.
139	139	871	SLU_ENV	Min	0.27	0.	0.
139	139	886	SLU_ENV	Min	0.27	0.	0.
139	139	887	SLU_ENV	Min	0.27	0.	0.
139	139	872	SLU_ENV	Min	0.27	0.	0.
139	139	871	SLV_Ex		0.79	28.79	1.573

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
139	139	886	SLV_Ex		0.79	28.79	1.573
139	139	887	SLV_Ex		0.79	28.79	1.573
139	139	872	SLV_Ex		0.79	28.79	1.573
140	140	872	SLU_ENV	Max	3.28	0.	0.
140	140	887	SLU_ENV	Max	3.28	0.	0.
140	140	888	SLU_ENV	Max	3.28	0.	0.
140	140	873	SLU_ENV	Max	3.28	0.	0.
140	140	872	SLU_ENV	Min	0.24	0.	0.
140	140	887	SLU_ENV	Min	0.24	0.	0.
140	140	888	SLU_ENV	Min	0.24	0.	0.
140	140	873	SLU_ENV	Min	0.24	0.	0.
140	140	872	SLV_Ex		0.69	17.92	177.79
140	140	887	SLV_Ex		0.69	17.92	177.79
140	140	888	SLV_Ex		0.69	17.92	177.79
140	140	873	SLV_Ex		0.69	17.92	177.79
141	141	873	SLU_ENV	Max	0.58	0.	0.
141	141	888	SLU_ENV	Max	0.58	0.	0.
141	141	889	SLU_ENV	Max	0.58	0.	0.
141	141	874	SLU_ENV	Max	0.58	0.	0.
141	141	873	SLU_ENV	Min	-12.45	0.	0.
141	141	888	SLU_ENV	Min	-12.45	0.	0.
141	141	889	SLU_ENV	Min	-12.45	0.	0.
141	141	874	SLU_ENV	Min	-12.45	0.	0.
141	141	873	SLV_Ex		0.24	67.19	179.795
141	141	888	SLV_Ex		0.24	67.19	179.795
141	141	889	SLV_Ex		0.24	67.19	179.795
141	141	874	SLV_Ex		0.24	67.19	179.795
142	142	246	SLU_ENV	Max	21.28	0.	0.
142	142	245	SLU_ENV	Max	21.28	0.	0.
142	142	272	SLU_ENV	Max	21.28	0.	0.
142	142	273	SLU_ENV	Max	21.28	0.	0.
142	142	246	SLU_ENV	Min	0.17	0.	0.
142	142	245	SLU_ENV	Min	0.17	0.	0.
142	142	272	SLU_ENV	Min	0.17	0.	0.
142	142	273	SLU_ENV	Min	0.17	0.	0.
142	142	246	SLV_Ex		-46.13	46.15	-88.228
142	142	245	SLV_Ex		-46.13	46.15	-88.228
142	142	272	SLV_Ex		-46.13	46.15	-88.228
142	142	273	SLV_Ex		-46.13	46.15	-88.228
143	143	273	SLU_ENV	Max	15.21	0.	0.
143	143	272	SLU_ENV	Max	15.21	0.	0.
143	143	299	SLU_ENV	Max	15.21	0.	0.
143	143	300	SLU_ENV	Max	15.21	0.	0.
143	143	273	SLU_ENV	Min	-1.55	0.	0.
143	143	272	SLU_ENV	Min	-1.55	0.	0.
143	143	299	SLU_ENV	Min	-1.55	0.	0.
143	143	300	SLU_ENV	Min	-1.55	0.	0.
143	143	273	SLV_Ex		-32.06	36.39	-61.759
143	143	272	SLV_Ex		-32.06	36.39	-61.759
143	143	299	SLV_Ex		-32.06	36.39	-61.759
143	143	300	SLV_Ex		-32.06	36.39	-61.759
144	144	597	SLU_ENV	Max	15.69	0.	0.
144	144	991	SLU_ENV	Max	15.69	0.	0.
144	144	990	SLU_ENV	Max	15.69	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
144	144	596	SLU_ENV	Max	15.69	0.	0.
144	144	597	SLU_ENV	Min	-5.	0.	0.
144	144	991	SLU_ENV	Min	-5.	0.	0.
144	144	990	SLU_ENV	Min	-5.	0.	0.
144	144	596	SLU_ENV	Min	-5.	0.	0.
144	144	597	SLV_Ex		82.24	85.47	74.195
144	144	991	SLV_Ex		82.24	85.47	74.195
144	144	990	SLV_Ex		82.24	85.47	74.195
144	144	596	SLV_Ex		82.24	85.47	74.195
145	145	596	SLU_ENV	Max	54.51	0.	0.
145	145	990	SLU_ENV	Max	54.51	0.	0.
145	145	796	SLU_ENV	Max	54.51	0.	0.
145	145	595	SLU_ENV	Max	54.51	0.	0.
145	145	596	SLU_ENV	Min	1.66	0.	0.
145	145	990	SLU_ENV	Min	1.66	0.	0.
145	145	796	SLU_ENV	Min	1.66	0.	0.
145	145	595	SLU_ENV	Min	1.66	0.	0.
145	145	596	SLV_Ex		35.26	40.49	60.534
145	145	990	SLV_Ex		35.26	40.49	60.534
145	145	796	SLV_Ex		35.26	40.49	60.534
145	145	595	SLV_Ex		35.26	40.49	60.534
146	146	595	SLU_ENV	Max	54.65	0.	0.
146	146	796	SLU_ENV	Max	54.65	0.	0.
146	146	795	SLU_ENV	Max	54.65	0.	0.
146	146	115	SLU_ENV	Max	54.65	0.	0.
146	146	595	SLU_ENV	Min	2.05	0.	0.
146	146	796	SLU_ENV	Min	2.05	0.	0.
146	146	795	SLU_ENV	Min	2.05	0.	0.
146	146	115	SLU_ENV	Min	2.05	0.	0.
146	146	595	SLV_Ex		18.35	19.26	72.237
146	146	796	SLV_Ex		18.35	19.26	72.237
146	146	795	SLV_Ex		18.35	19.26	72.237
146	146	115	SLV_Ex		18.35	19.26	72.237
147	147	115	SLU_ENV	Max	47.64	0.	0.
147	147	795	SLU_ENV	Max	47.64	0.	0.
147	147	814	SLU_ENV	Max	47.64	0.	0.
147	147	2	SLU_ENV	Max	47.64	0.	0.
147	147	115	SLU_ENV	Min	1.29	0.	0.
147	147	795	SLU_ENV	Min	1.29	0.	0.
147	147	814	SLU_ENV	Min	1.29	0.	0.
147	147	2	SLU_ENV	Min	1.29	0.	0.
147	147	115	SLV_Ex		12.	12.	88.098
147	147	795	SLV_Ex		12.	12.	88.098
147	147	814	SLV_Ex		12.	12.	88.098
147	147	2	SLV_Ex		12.	12.	88.098
148	148	2	SLU_ENV	Max	41.13	0.	0.
148	148	814	SLU_ENV	Max	41.13	0.	0.
148	148	829	SLU_ENV	Max	41.13	0.	0.
148	148	30	SLU_ENV	Max	41.13	0.	0.
148	148	2	SLU_ENV	Min	0.69	0.	0.
148	148	814	SLU_ENV	Min	0.69	0.	0.
148	148	829	SLU_ENV	Min	0.69	0.	0.
148	148	30	SLU_ENV	Min	0.69	0.	0.
148	148	2	SLV_Ex		7.66	7.67	89.024

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
148	148	814	SLV_Ex		7.66	7.67	89.024
148	148	829	SLV_Ex		7.66	7.67	89.024
148	148	30	SLV_Ex		7.66	7.67	89.024
149	149	30	SLU_ENV	Max	36.	0.	0.
149	149	829	SLU_ENV	Max	36.	0.	0.
149	149	844	SLU_ENV	Max	36.	0.	0.
149	149	57	SLU_ENV	Max	36.	0.	0.
149	149	30	SLU_ENV	Min	0.36	0.	0.
149	149	829	SLU_ENV	Min	0.36	0.	0.
149	149	844	SLU_ENV	Min	0.36	0.	0.
149	149	57	SLU_ENV	Min	0.36	0.	0.
149	149	30	SLV_Ex		6.07	6.07	92.808
149	149	829	SLV_Ex		6.07	6.07	92.808
149	149	844	SLV_Ex		6.07	6.07	92.808
149	149	57	SLV_Ex		6.07	6.07	92.808
150	150	881	SLU_ENV	Max	1.35	0.	0.
150	150	896	SLU_ENV	Max	1.35	0.	0.
150	150	897	SLU_ENV	Max	1.35	0.	0.
150	150	882	SLU_ENV	Max	1.35	0.	0.
150	150	881	SLU_ENV	Min	-10.25	0.	0.
150	150	896	SLU_ENV	Min	-10.25	0.	0.
150	150	897	SLU_ENV	Min	-10.25	0.	0.
150	150	882	SLU_ENV	Min	-10.25	0.	0.
150	150	881	SLV_Ex		1.37	264.96	0.297
150	150	896	SLV_Ex		1.37	264.96	0.297
150	150	897	SLV_Ex		1.37	264.96	0.297
150	150	882	SLV_Ex		1.37	264.96	0.297
151	151	882	SLU_ENV	Max	3.57	0.	0.
151	151	897	SLU_ENV	Max	3.57	0.	0.
151	151	898	SLU_ENV	Max	3.57	0.	0.
151	151	883	SLU_ENV	Max	3.57	0.	0.
151	151	882	SLU_ENV	Min	0.5	0.	0.
151	151	897	SLU_ENV	Min	0.5	0.	0.
151	151	898	SLU_ENV	Min	0.5	0.	0.
151	151	883	SLU_ENV	Min	0.5	0.	0.
151	151	882	SLV_Ex		0.97	216.07	0.257
151	151	897	SLV_Ex		0.97	216.07	0.257
151	151	898	SLV_Ex		0.97	216.07	0.257
151	151	883	SLV_Ex		0.97	216.07	0.257
152	152	883	SLU_ENV	Max	13.23	0.	0.
152	152	898	SLU_ENV	Max	13.23	0.	0.
152	152	899	SLU_ENV	Max	13.23	0.	0.
152	152	884	SLU_ENV	Max	13.23	0.	0.
152	152	883	SLU_ENV	Min	0.51	0.	0.
152	152	898	SLU_ENV	Min	0.51	0.	0.
152	152	899	SLU_ENV	Min	0.51	0.	0.
152	152	884	SLU_ENV	Min	0.51	0.	0.
152	152	883	SLV_Ex		0.83	169.12	0.28
152	152	898	SLV_Ex		0.83	169.12	0.28
152	152	899	SLV_Ex		0.83	169.12	0.28
152	152	884	SLV_Ex		0.83	169.12	0.28
153	153	884	SLU_ENV	Max	18.53	0.	0.
153	153	899	SLU_ENV	Max	18.53	0.	0.
153	153	900	SLU_ENV	Max	18.53	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
153	153	885	SLU_ENV	Max	18.53	0.	0.
153	153	884	SLU_ENV	Min	0.49	0.	0.
153	153	899	SLU_ENV	Min	0.49	0.	0.
153	153	900	SLU_ENV	Min	0.49	0.	0.
153	153	885	SLU_ENV	Min	0.49	0.	0.
153	153	884	SLV_Ex		0.92	122.13	0.43
153	153	899	SLV_Ex		0.92	122.13	0.43
153	153	900	SLV_Ex		0.92	122.13	0.43
153	153	885	SLV_Ex		0.92	122.13	0.43
154	154	885	SLU_ENV	Max	18.53	0.	0.
154	154	900	SLU_ENV	Max	18.53	0.	0.
154	154	901	SLU_ENV	Max	18.53	0.	0.
154	154	886	SLU_ENV	Max	18.53	0.	0.
154	154	885	SLU_ENV	Min	0.49	0.	0.
154	154	900	SLU_ENV	Min	0.49	0.	0.
154	154	901	SLU_ENV	Min	0.49	0.	0.
154	154	886	SLU_ENV	Min	0.49	0.	0.
154	154	885	SLV_Ex		1.22	75.32	0.926
154	154	900	SLV_Ex		1.22	75.32	0.926
154	154	901	SLV_Ex		1.22	75.32	0.926
154	154	886	SLV_Ex		1.22	75.32	0.926
155	155	886	SLU_ENV	Max	13.23	0.	0.
155	155	901	SLU_ENV	Max	13.23	0.	0.
155	155	902	SLU_ENV	Max	13.23	0.	0.
155	155	887	SLU_ENV	Max	13.23	0.	0.
155	155	886	SLU_ENV	Min	0.51	0.	0.
155	155	901	SLU_ENV	Min	0.51	0.	0.
155	155	902	SLU_ENV	Min	0.51	0.	0.
155	155	887	SLU_ENV	Min	0.51	0.	0.
155	155	886	SLV_Ex		1.47	28.77	2.938
155	155	901	SLV_Ex		1.47	28.77	2.938
155	155	902	SLV_Ex		1.47	28.77	2.938
155	155	887	SLV_Ex		1.47	28.77	2.938
156	156	887	SLU_ENV	Max	3.57	0.	0.
156	156	902	SLU_ENV	Max	3.57	0.	0.
156	156	903	SLU_ENV	Max	3.57	0.	0.
156	156	888	SLU_ENV	Max	3.57	0.	0.
156	156	887	SLU_ENV	Min	0.5	0.	0.
156	156	902	SLU_ENV	Min	0.5	0.	0.
156	156	903	SLU_ENV	Min	0.5	0.	0.
156	156	888	SLU_ENV	Min	0.5	0.	0.
156	156	887	SLV_Ex		1.41	17.62	175.403
156	156	902	SLV_Ex		1.41	17.62	175.403
156	156	903	SLV_Ex		1.41	17.62	175.403
156	156	888	SLV_Ex		1.41	17.62	175.403
157	157	888	SLU_ENV	Max	1.35	0.	0.
157	157	903	SLU_ENV	Max	1.35	0.	0.
157	157	904	SLU_ENV	Max	1.35	0.	0.
157	157	889	SLU_ENV	Max	1.35	0.	0.
157	157	888	SLU_ENV	Min	-10.25	0.	0.
157	157	903	SLU_ENV	Min	-10.25	0.	0.
157	157	904	SLU_ENV	Min	-10.25	0.	0.
157	157	889	SLU_ENV	Min	-10.25	0.	0.
157	157	888	SLV_Ex		0.45	66.15	179.615

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
157	157	903	SLV_Ex		0.45	66.15	179.615
157	157	904	SLV_Ex		0.45	66.15	179.615
157	157	889	SLV_Ex		0.45	66.15	179.615
158	158	57	SLU_ENV	Max	31.96	0.	0.
158	158	844	SLU_ENV	Max	31.96	0.	0.
158	158	859	SLU_ENV	Max	31.96	0.	0.
158	158	84	SLU_ENV	Max	31.96	0.	0.
158	158	57	SLU_ENV	Min	0.21	0.	0.
158	158	844	SLU_ENV	Min	0.21	0.	0.
158	158	859	SLU_ENV	Min	0.21	0.	0.
158	158	84	SLU_ENV	Min	0.21	0.	0.
158	158	57	SLV_Ex		5.69	5.71	93.503
158	158	844	SLV_Ex		5.69	5.71	93.503
158	158	859	SLV_Ex		5.69	5.71	93.503
158	158	84	SLV_Ex		5.69	5.71	93.503
159	159	84	SLU_ENV	Max	28.8	0.	0.
159	159	859	SLU_ENV	Max	28.8	0.	0.
159	159	874	SLU_ENV	Max	28.8	0.	0.
159	159	111	SLU_ENV	Max	28.8	0.	0.
159	159	84	SLU_ENV	Min	0.18	0.	0.
159	159	859	SLU_ENV	Min	0.18	0.	0.
159	159	874	SLU_ENV	Min	0.18	0.	0.
159	159	111	SLU_ENV	Min	0.18	0.	0.
159	159	84	SLV_Ex		5.68	5.69	93.571
159	159	859	SLV_Ex		5.68	5.69	93.571
159	159	874	SLV_Ex		5.68	5.69	93.571
159	159	111	SLV_Ex		5.68	5.69	93.571
160	160	111	SLU_ENV	Max	26.32	0.	0.
160	160	874	SLU_ENV	Max	26.32	0.	0.
160	160	889	SLU_ENV	Max	26.32	0.	0.
160	160	164	SLU_ENV	Max	26.32	0.	0.
160	160	111	SLU_ENV	Min	0.26	0.	0.
160	160	874	SLU_ENV	Min	0.26	0.	0.
160	160	889	SLU_ENV	Min	0.26	0.	0.
160	160	164	SLU_ENV	Min	0.26	0.	0.
160	160	111	SLV_Ex		5.65	5.65	92.205
160	160	874	SLV_Ex		5.65	5.65	92.205
160	160	889	SLV_Ex		5.65	5.65	92.205
160	160	164	SLV_Ex		5.65	5.65	92.205
161	161	164	SLU_ENV	Max	24.7	0.	0.
161	161	889	SLU_ENV	Max	24.7	0.	0.
161	161	904	SLU_ENV	Max	24.7	0.	0.
161	161	191	SLU_ENV	Max	24.7	0.	0.
161	161	164	SLU_ENV	Min	0.49	0.	0.
161	161	889	SLU_ENV	Min	0.49	0.	0.
161	161	904	SLU_ENV	Min	0.49	0.	0.
161	161	191	SLU_ENV	Min	0.49	0.	0.
161	161	164	SLV_Ex		5.56	5.57	94.481
161	161	889	SLV_Ex		5.56	5.57	94.481
161	161	904	SLV_Ex		5.56	5.57	94.481
161	161	191	SLV_Ex		5.56	5.57	94.481
162	162	191	SLU_ENV	Max	24.42	0.	0.
162	162	904	SLU_ENV	Max	24.42	0.	0.
162	162	919	SLU_ENV	Max	24.42	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
162	162	218	SLU_ENV	Max	24.42	0.	0.
162	162	191	SLU_ENV	Min	0.97	0.	0.
162	162	904	SLU_ENV	Min	0.97	0.	0.
162	162	919	SLU_ENV	Min	0.97	0.	0.
162	162	218	SLU_ENV	Min	0.97	0.	0.
162	162	191	SLV_Ex		5.8	5.97	103.539
162	162	904	SLV_Ex		5.8	5.97	103.539
162	162	919	SLV_Ex		5.8	5.97	103.539
162	162	218	SLV_Ex		5.8	5.97	103.539
163	163	218	SLU_ENV	Max	25.91	0.	0.
163	163	919	SLU_ENV	Max	25.91	0.	0.
163	163	934	SLU_ENV	Max	25.91	0.	0.
163	163	245	SLU_ENV	Max	25.91	0.	0.
163	163	218	SLU_ENV	Min	1.79	0.	0.
163	163	919	SLU_ENV	Min	1.79	0.	0.
163	163	934	SLU_ENV	Min	1.79	0.	0.
163	163	245	SLU_ENV	Min	1.79	0.	0.
163	163	218	SLV_Ex		7.68	8.99	121.376
163	163	919	SLV_Ex		7.68	8.99	121.376
163	163	934	SLV_Ex		7.68	8.99	121.376
163	163	245	SLV_Ex		7.68	8.99	121.376
164	164	245	SLU_ENV	Max	26.15	0.	0.
164	164	934	SLU_ENV	Max	26.15	0.	0.
164	164	949	SLU_ENV	Max	26.15	0.	0.
164	164	272	SLU_ENV	Max	26.15	0.	0.
164	164	245	SLU_ENV	Min	1.85	0.	0.
164	164	934	SLU_ENV	Min	1.85	0.	0.
164	164	949	SLU_ENV	Min	1.85	0.	0.
164	164	272	SLU_ENV	Min	1.85	0.	0.
164	164	245	SLV_Ex		21.53	26.86	126.731
164	164	934	SLV_Ex		21.53	26.86	126.731
164	164	949	SLV_Ex		21.53	26.86	126.731
164	164	272	SLV_Ex		21.53	26.86	126.731
165	165	272	SLU_ENV	Max	4.34	0.	0.
165	165	949	SLU_ENV	Max	4.34	0.	0.
165	165	964	SLU_ENV	Max	4.34	0.	0.
165	165	299	SLU_ENV	Max	4.34	0.	0.
165	165	272	SLU_ENV	Min	-4.71	0.	0.
165	165	949	SLU_ENV	Min	-4.71	0.	0.
165	165	964	SLU_ENV	Min	-4.71	0.	0.
165	165	299	SLU_ENV	Min	-4.71	0.	0.
165	165	272	SLV_Ex		68.4	71.62	107.223
165	165	949	SLV_Ex		68.4	71.62	107.223
165	165	964	SLV_Ex		68.4	71.62	107.223
165	165	299	SLV_Ex		68.4	71.62	107.223
166	166	896	SLU_ENV	Max	3.19	0.	0.
166	166	911	SLU_ENV	Max	3.19	0.	0.
166	166	912	SLU_ENV	Max	3.19	0.	0.
166	166	897	SLU_ENV	Max	3.19	0.	0.
166	166	896	SLU_ENV	Min	-8.29	0.	0.
166	166	911	SLU_ENV	Min	-8.29	0.	0.
166	166	912	SLU_ENV	Min	-8.29	0.	0.
166	166	897	SLU_ENV	Min	-8.29	0.	0.
166	166	896	SLV_Ex		2.71	266.23	0.583

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
166	166	911	SLV_Ex		2.71	266.23	0.583
166	166	912	SLV_Ex		2.71	266.23	0.583
166	166	897	SLV_Ex		2.71	266.23	0.583
167	167	897	SLU_ENV	Max	3.1	0.	0.
167	167	912	SLU_ENV	Max	3.1	0.	0.
167	167	913	SLU_ENV	Max	3.1	0.	0.
167	167	898	SLU_ENV	Max	3.1	0.	0.
167	167	897	SLU_ENV	Min	0.54	0.	0.
167	167	912	SLU_ENV	Min	0.54	0.	0.
167	167	913	SLU_ENV	Min	0.54	0.	0.
167	167	898	SLU_ENV	Min	0.54	0.	0.
167	167	897	SLV_Ex		1.19	216.65	0.313
167	167	912	SLV_Ex		1.19	216.65	0.313
167	167	913	SLV_Ex		1.19	216.65	0.313
167	167	898	SLV_Ex		1.19	216.65	0.313
168	168	898	SLU_ENV	Max	8.43	0.	0.
168	168	913	SLU_ENV	Max	8.43	0.	0.
168	168	914	SLU_ENV	Max	8.43	0.	0.
168	168	899	SLU_ENV	Max	8.43	0.	0.
168	168	898	SLU_ENV	Min	0.77	0.	0.
168	168	913	SLU_ENV	Min	0.77	0.	0.
168	168	914	SLU_ENV	Min	0.77	0.	0.
168	168	899	SLU_ENV	Min	0.77	0.	0.
168	168	898	SLV_Ex		0.82	169.09	0.279
168	168	913	SLV_Ex		0.82	169.09	0.279
168	168	914	SLV_Ex		0.82	169.09	0.279
168	168	899	SLV_Ex		0.82	169.09	0.279
169	169	899	SLU_ENV	Max	11.58	0.	0.
169	169	914	SLU_ENV	Max	11.58	0.	0.
169	169	915	SLU_ENV	Max	11.58	0.	0.
169	169	900	SLU_ENV	Max	11.58	0.	0.
169	169	899	SLU_ENV	Min	0.69	0.	0.
169	169	914	SLU_ENV	Min	0.69	0.	0.
169	169	915	SLU_ENV	Min	0.69	0.	0.
169	169	900	SLU_ENV	Min	0.69	0.	0.
169	169	899	SLV_Ex		1.14	121.85	0.537
169	169	914	SLV_Ex		1.14	121.85	0.537
169	169	915	SLV_Ex		1.14	121.85	0.537
169	169	900	SLV_Ex		1.14	121.85	0.537
170	170	900	SLU_ENV	Max	11.58	0.	0.
170	170	915	SLU_ENV	Max	11.58	0.	0.
170	170	916	SLU_ENV	Max	11.58	0.	0.
170	170	901	SLU_ENV	Max	11.58	0.	0.
170	170	900	SLU_ENV	Min	0.69	0.	0.
170	170	915	SLU_ENV	Min	0.69	0.	0.
170	170	916	SLU_ENV	Min	0.69	0.	0.
170	170	901	SLU_ENV	Min	0.69	0.	0.
170	170	900	SLV_Ex		1.74	74.84	1.332
170	170	915	SLV_Ex		1.74	74.84	1.332
170	170	916	SLV_Ex		1.74	74.84	1.332
170	170	901	SLV_Ex		1.74	74.84	1.332
171	171	901	SLU_ENV	Max	8.43	0.	0.
171	171	916	SLU_ENV	Max	8.43	0.	0.
171	171	917	SLU_ENV	Max	8.43	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
171	171	902	SLU_ENV	Max	8.43	0.	0.
171	171	901	SLU_ENV	Min	0.77	0.	0.
171	171	916	SLU_ENV	Min	0.77	0.	0.
171	171	917	SLU_ENV	Min	0.77	0.	0.
171	171	902	SLU_ENV	Min	0.77	0.	0.
171	171	901	SLV_Ex		2.51	28.39	5.066
171	171	916	SLV_Ex		2.51	28.39	5.066
171	171	917	SLV_Ex		2.51	28.39	5.066
171	171	902	SLV_Ex		2.51	28.39	5.066
172	172	902	SLU_ENV	Max	3.1	0.	0.
172	172	917	SLU_ENV	Max	3.1	0.	0.
172	172	918	SLU_ENV	Max	3.1	0.	0.
172	172	903	SLU_ENV	Max	3.1	0.	0.
172	172	902	SLU_ENV	Min	0.54	0.	0.
172	172	917	SLU_ENV	Min	0.54	0.	0.
172	172	918	SLU_ENV	Min	0.54	0.	0.
172	172	903	SLU_ENV	Min	0.54	0.	0.
172	172	902	SLV_Ex		3.	17.61	170.19
172	172	917	SLV_Ex		3.	17.61	170.19
172	172	918	SLV_Ex		3.	17.61	170.19
172	172	903	SLV_Ex		3.	17.61	170.19
173	173	903	SLU_ENV	Max	3.19	0.	0.
173	173	918	SLU_ENV	Max	3.19	0.	0.
173	173	919	SLU_ENV	Max	3.19	0.	0.
173	173	904	SLU_ENV	Max	3.19	0.	0.
173	173	903	SLU_ENV	Min	-8.29	0.	0.
173	173	918	SLU_ENV	Min	-8.29	0.	0.
173	173	919	SLU_ENV	Min	-8.29	0.	0.
173	173	904	SLU_ENV	Min	-8.29	0.	0.
173	173	903	SLV_Ex		1.86	64.32	178.339
173	173	918	SLV_Ex		1.86	64.32	178.339
173	173	919	SLV_Ex		1.86	64.32	178.339
173	173	904	SLV_Ex		1.86	64.32	178.339
180	180	750	SLU_ENV	Max	-4.88	0.	0.
180	180	749	SLU_ENV	Max	-4.88	0.	0.
180	180	733	SLU_ENV	Max	-4.88	0.	0.
180	180	734	SLU_ENV	Max	-4.88	0.	0.
180	180	750	SLU_ENV	Min	-61.76	0.	0.
180	180	749	SLU_ENV	Min	-61.76	0.	0.
180	180	733	SLU_ENV	Min	-61.76	0.	0.
180	180	734	SLU_ENV	Min	-61.76	0.	0.
180	180	750	SLV_Ex		-195.12	196.02	-95.519
180	180	749	SLV_Ex		-195.12	196.02	-95.519
180	180	733	SLV_Ex		-195.12	196.02	-95.519
180	180	734	SLV_Ex		-195.12	196.02	-95.519
181	181	734	SLU_ENV	Max	0.76	0.	0.
181	181	733	SLU_ENV	Max	0.76	0.	0.
181	181	717	SLU_ENV	Max	0.76	0.	0.
181	181	718	SLU_ENV	Max	0.76	0.	0.
181	181	734	SLU_ENV	Min	-39.99	0.	0.
181	181	733	SLU_ENV	Min	-39.99	0.	0.
181	181	717	SLU_ENV	Min	-39.99	0.	0.
181	181	718	SLU_ENV	Min	-39.99	0.	0.
181	181	734	SLV_Ex		-209.5	209.5	-90.22

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
181	181	733	SLV_Ex		-209.5	209.5	-90.22
181	181	717	SLV_Ex		-209.5	209.5	-90.22
181	181	718	SLV_Ex		-209.5	209.5	-90.22
182	182	911	SLU_ENV	Max	6.58	0.	0.
182	182	926	SLU_ENV	Max	6.58	0.	0.
182	182	927	SLU_ENV	Max	6.58	0.	0.
182	182	912	SLU_ENV	Max	6.58	0.	0.
182	182	911	SLU_ENV	Min	-6.3	0.	0.
182	182	926	SLU_ENV	Min	-6.3	0.	0.
182	182	927	SLU_ENV	Min	-6.3	0.	0.
182	182	912	SLU_ENV	Min	-6.3	0.	0.
182	182	911	SLV_Ex		2.93	269.53	0.622
182	182	926	SLV_Ex		2.93	269.53	0.622
182	182	927	SLV_Ex		2.93	269.53	0.622
182	182	912	SLV_Ex		2.93	269.53	0.622
183	183	912	SLU_ENV	Max	4.77	0.	0.
183	183	927	SLU_ENV	Max	4.77	0.	0.
183	183	928	SLU_ENV	Max	4.77	0.	0.
183	183	913	SLU_ENV	Max	4.77	0.	0.
183	183	912	SLU_ENV	Min	-1.04	0.	0.
183	183	927	SLU_ENV	Min	-1.04	0.	0.
183	183	928	SLU_ENV	Min	-1.04	0.	0.
183	183	913	SLU_ENV	Min	-1.04	0.	0.
183	183	912	SLV_Ex		-4.703E-03	217.27	-1.240E-03
183	183	927	SLV_Ex		-4.703E-03	217.27	-1.240E-03
183	183	928	SLV_Ex		-4.703E-03	217.27	-1.240E-03
183	183	913	SLV_Ex		-4.703E-03	217.27	-1.240E-03
184	184	913	SLU_ENV	Max	5.04	0.	0.
184	184	928	SLU_ENV	Max	5.04	0.	0.
184	184	929	SLU_ENV	Max	5.04	0.	0.
184	184	914	SLU_ENV	Max	5.04	0.	0.
184	184	913	SLU_ENV	Min	0.99	0.	0.
184	184	928	SLU_ENV	Min	0.99	0.	0.
184	184	929	SLU_ENV	Min	0.99	0.	0.
184	184	914	SLU_ENV	Min	0.99	0.	0.
184	184	913	SLV_Ex		0.26	168.83	0.089
184	184	928	SLV_Ex		0.26	168.83	0.089
184	184	929	SLV_Ex		0.26	168.83	0.089
184	184	914	SLV_Ex		0.26	168.83	0.089
185	185	914	SLU_ENV	Max	6.52	0.	0.
185	185	929	SLU_ENV	Max	6.52	0.	0.
185	185	930	SLU_ENV	Max	6.52	0.	0.
185	185	915	SLU_ENV	Max	6.52	0.	0.
185	185	914	SLU_ENV	Min	0.77	0.	0.
185	185	929	SLU_ENV	Min	0.77	0.	0.
185	185	930	SLU_ENV	Min	0.77	0.	0.
185	185	915	SLU_ENV	Min	0.77	0.	0.
185	185	914	SLV_Ex		1.	120.99	0.472
185	185	929	SLV_Ex		1.	120.99	0.472
185	185	930	SLV_Ex		1.	120.99	0.472
185	185	915	SLV_Ex		1.	120.99	0.472
186	186	915	SLU_ENV	Max	6.52	0.	0.
186	186	930	SLU_ENV	Max	6.52	0.	0.
186	186	931	SLU_ENV	Max	6.52	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
186	186	916	SLU_ENV	Max	6.52	0.	0.
186	186	915	SLU_ENV	Min	0.77	0.	0.
186	186	930	SLU_ENV	Min	0.77	0.	0.
186	186	931	SLU_ENV	Min	0.77	0.	0.
186	186	916	SLU_ENV	Min	0.77	0.	0.
186	186	915	SLV_Ex		2.	73.61	1.558
186	186	930	SLV_Ex		2.	73.61	1.558
186	186	931	SLV_Ex		2.	73.61	1.558
186	186	916	SLV_Ex		2.	73.61	1.558
187	187	916	SLU_ENV	Max	5.04	0.	0.
187	187	931	SLU_ENV	Max	5.04	0.	0.
187	187	932	SLU_ENV	Max	5.04	0.	0.
187	187	917	SLU_ENV	Max	5.04	0.	0.
187	187	916	SLU_ENV	Min	0.99	0.	0.
187	187	931	SLU_ENV	Min	0.99	0.	0.
187	187	932	SLU_ENV	Min	0.99	0.	0.
187	187	917	SLU_ENV	Min	0.99	0.	0.
187	187	916	SLV_Ex		3.75	27.02	7.98
187	187	931	SLV_Ex		3.75	27.02	7.98
187	187	932	SLV_Ex		3.75	27.02	7.98
187	187	917	SLV_Ex		3.75	27.02	7.98
188	188	917	SLU_ENV	Max	4.77	0.	0.
188	188	932	SLU_ENV	Max	4.77	0.	0.
188	188	933	SLU_ENV	Max	4.77	0.	0.
188	188	918	SLU_ENV	Max	4.77	0.	0.
188	188	917	SLU_ENV	Min	-1.04	0.	0.
188	188	932	SLU_ENV	Min	-1.04	0.	0.
188	188	933	SLU_ENV	Min	-1.04	0.	0.
188	188	918	SLU_ENV	Min	-1.04	0.	0.
188	188	917	SLV_Ex		6.11	19.62	161.853
188	188	932	SLV_Ex		6.11	19.62	161.853
188	188	933	SLV_Ex		6.11	19.62	161.853
188	188	918	SLV_Ex		6.11	19.62	161.853
189	189	918	SLU_ENV	Max	6.58	0.	0.
189	189	933	SLU_ENV	Max	6.58	0.	0.
189	189	934	SLU_ENV	Max	6.58	0.	0.
189	189	919	SLU_ENV	Max	6.58	0.	0.
189	189	918	SLU_ENV	Min	-6.3	0.	0.
189	189	933	SLU_ENV	Min	-6.3	0.	0.
189	189	934	SLU_ENV	Min	-6.3	0.	0.
189	189	919	SLU_ENV	Min	-6.3	0.	0.
189	189	918	SLV_Ex		6.64	62.76	173.931
189	189	933	SLV_Ex		6.64	62.76	173.931
189	189	934	SLV_Ex		6.64	62.76	173.931
189	189	919	SLV_Ex		6.64	62.76	173.931
190	190	718	SLU_ENV	Max	1.19	0.	0.
190	190	717	SLU_ENV	Max	1.19	0.	0.
190	190	330	SLU_ENV	Max	1.19	0.	0.
190	190	331	SLU_ENV	Max	1.19	0.	0.
190	190	718	SLU_ENV	Min	-35.47	0.	0.
190	190	717	SLU_ENV	Min	-35.47	0.	0.
190	190	330	SLU_ENV	Min	-35.47	0.	0.
190	190	331	SLU_ENV	Min	-35.47	0.	0.
190	190	718	SLV_Ex		-206.43	206.47	-88.79

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
190	190	717	SLV_Ex		-206.43	206.47	-88.79
190	190	330	SLV_Ex		-206.43	206.47	-88.79
190	190	331	SLV_Ex		-206.43	206.47	-88.79
191	191	331	SLU_ENV	Max	0.85	0.	0.
191	191	330	SLU_ENV	Max	0.85	0.	0.
191	191	348	SLU_ENV	Max	0.85	0.	0.
191	191	349	SLU_ENV	Max	0.85	0.	0.
191	191	331	SLU_ENV	Min	-34.93	0.	0.
191	191	330	SLU_ENV	Min	-34.93	0.	0.
191	191	348	SLU_ENV	Min	-34.93	0.	0.
191	191	349	SLU_ENV	Min	-34.93	0.	0.
191	191	331	SLV_Ex		-203.34	203.37	-88.902
191	191	330	SLV_Ex		-203.34	203.37	-88.902
191	191	348	SLV_Ex		-203.34	203.37	-88.902
191	191	349	SLV_Ex		-203.34	203.37	-88.902
192	192	349	SLU_ENV	Max	0.43	0.	0.
192	192	348	SLU_ENV	Max	0.43	0.	0.
192	192	366	SLU_ENV	Max	0.43	0.	0.
192	192	367	SLU_ENV	Max	0.43	0.	0.
192	192	349	SLU_ENV	Min	-34.49	0.	0.
192	192	348	SLU_ENV	Min	-34.49	0.	0.
192	192	366	SLU_ENV	Min	-34.49	0.	0.
192	192	367	SLU_ENV	Min	-34.49	0.	0.
192	192	349	SLV_Ex		-201.99	202.	-89.444
192	192	348	SLV_Ex		-201.99	202.	-89.444
192	192	366	SLV_Ex		-201.99	202.	-89.444
192	192	367	SLV_Ex		-201.99	202.	-89.444
193	193	367	SLU_ENV	Max	0.18	0.	0.
193	193	366	SLU_ENV	Max	0.18	0.	0.
193	193	384	SLU_ENV	Max	0.18	0.	0.
193	193	385	SLU_ENV	Max	0.18	0.	0.
193	193	367	SLU_ENV	Min	-33.17	0.	0.
193	193	366	SLU_ENV	Min	-33.17	0.	0.
193	193	384	SLU_ENV	Min	-33.17	0.	0.
193	193	385	SLU_ENV	Min	-33.17	0.	0.
193	193	367	SLV_Ex		-201.78	201.79	-89.6
193	193	366	SLV_Ex		-201.78	201.79	-89.6
193	193	384	SLV_Ex		-201.78	201.79	-89.6
193	193	385	SLV_Ex		-201.78	201.79	-89.6
194	194	385	SLU_ENV	Max	6.486E-02	0.	0.
194	194	384	SLU_ENV	Max	6.486E-02	0.	0.
194	194	402	SLU_ENV	Max	6.486E-02	0.	0.
194	194	403	SLU_ENV	Max	6.486E-02	0.	0.
194	194	385	SLU_ENV	Min	-31.14	0.	0.
194	194	384	SLU_ENV	Min	-31.14	0.	0.
194	194	402	SLU_ENV	Min	-31.14	0.	0.
194	194	403	SLU_ENV	Min	-31.14	0.	0.
194	194	385	SLV_Ex		-201.48	201.48	-89.77
194	194	384	SLV_Ex		-201.48	201.48	-89.77
194	194	402	SLV_Ex		-201.48	201.48	-89.77
194	194	403	SLV_Ex		-201.48	201.48	-89.77
195	195	403	SLU_ENV	Max	5.707E-02	0.	0.
195	195	402	SLU_ENV	Max	5.707E-02	0.	0.
195	195	420	SLU_ENV	Max	5.707E-02	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
195	195	421	SLU_ENV	Max	5.707E-02	0.	0.
195	195	403	SLU_ENV	Min	-28.76	0.	0.
195	195	402	SLU_ENV	Min	-28.76	0.	0.
195	195	420	SLU_ENV	Min	-28.76	0.	0.
195	195	421	SLU_ENV	Min	-28.76	0.	0.
195	195	403	SLV_Ex		-201.23	201.24	-89.849
195	195	402	SLV_Ex		-201.23	201.24	-89.849
195	195	420	SLV_Ex		-201.23	201.24	-89.849
195	195	421	SLV_Ex		-201.23	201.24	-89.849
196	196	421	SLU_ENV	Max	0.15	0.	0.
196	196	420	SLU_ENV	Max	0.15	0.	0.
196	196	438	SLU_ENV	Max	0.15	0.	0.
196	196	439	SLU_ENV	Max	0.15	0.	0.
196	196	421	SLU_ENV	Min	-26.26	0.	0.
196	196	420	SLU_ENV	Min	-26.26	0.	0.
196	196	438	SLU_ENV	Min	-26.26	0.	0.
196	196	439	SLU_ENV	Min	-26.26	0.	0.
196	196	421	SLV_Ex		-201.05	201.05	-90.
196	196	420	SLV_Ex		-201.05	201.05	-90.
196	196	438	SLV_Ex		-201.05	201.05	-90.
196	196	439	SLV_Ex		-201.05	201.05	-90.
197	197	439	SLU_ENV	Max	0.37	0.	0.
197	197	438	SLU_ENV	Max	0.37	0.	0.
197	197	456	SLU_ENV	Max	0.37	0.	0.
197	197	457	SLU_ENV	Max	0.37	0.	0.
197	197	439	SLU_ENV	Min	-23.75	0.	0.
197	197	438	SLU_ENV	Min	-23.75	0.	0.
197	197	456	SLU_ENV	Min	-23.75	0.	0.
197	197	457	SLU_ENV	Min	-23.75	0.	0.
197	197	439	SLV_Ex		-200.88	200.88	-90.117
197	197	438	SLV_Ex		-200.88	200.88	-90.117
197	197	456	SLV_Ex		-200.88	200.88	-90.117
197	197	457	SLV_Ex		-200.88	200.88	-90.117
198	198	926	SLU_ENV	Max	12.92	0.	0.
198	198	941	SLU_ENV	Max	12.92	0.	0.
198	198	942	SLU_ENV	Max	12.92	0.	0.
198	198	927	SLU_ENV	Max	12.92	0.	0.
198	198	926	SLU_ENV	Min	-4.06	0.	0.
198	198	941	SLU_ENV	Min	-4.06	0.	0.
198	198	942	SLU_ENV	Min	-4.06	0.	0.
198	198	927	SLU_ENV	Min	-4.06	0.	0.
198	198	926	SLV_Ex		-4.17	273.49	-0.875
198	198	941	SLV_Ex		-4.17	273.49	-0.875
198	198	942	SLV_Ex		-4.17	273.49	-0.875
198	198	927	SLV_Ex		-4.17	273.49	-0.875
199	199	927	SLU_ENV	Max	5.74	0.	0.
199	199	942	SLU_ENV	Max	5.74	0.	0.
199	199	943	SLU_ENV	Max	5.74	0.	0.
199	199	928	SLU_ENV	Max	5.74	0.	0.
199	199	927	SLU_ENV	Min	-1.24	0.	0.
199	199	942	SLU_ENV	Min	-1.24	0.	0.
199	199	943	SLU_ENV	Min	-1.24	0.	0.
199	199	928	SLU_ENV	Min	-1.24	0.	0.
199	199	927	SLV_Ex		-3.44	215.73	-0.914

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
199	199	942	SLV_Ex		-3.44	215.73	-0.914
199	199	943	SLV_Ex		-3.44	215.73	-0.914
199	199	928	SLV_Ex		-3.44	215.73	-0.914
200	200	928	SLU_ENV	Max	3.08	0.	0.
200	200	943	SLU_ENV	Max	3.08	0.	0.
200	200	944	SLU_ENV	Max	3.08	0.	0.
200	200	929	SLU_ENV	Max	3.08	0.	0.
200	200	928	SLU_ENV	Min	0.84	0.	0.
200	200	943	SLU_ENV	Min	0.84	0.	0.
200	200	944	SLU_ENV	Min	0.84	0.	0.
200	200	929	SLU_ENV	Min	0.84	0.	0.
200	200	928	SLV_Ex		-0.81	167.14	-0.279
200	200	943	SLV_Ex		-0.81	167.14	-0.279
200	200	944	SLV_Ex		-0.81	167.14	-0.279
200	200	929	SLV_Ex		-0.81	167.14	-0.279
201	201	929	SLU_ENV	Max	3.29	0.	0.
201	201	944	SLU_ENV	Max	3.29	0.	0.
201	201	945	SLU_ENV	Max	3.29	0.	0.
201	201	930	SLU_ENV	Max	3.29	0.	0.
201	201	929	SLU_ENV	Min	0.61	0.	0.
201	201	944	SLU_ENV	Min	0.61	0.	0.
201	201	945	SLU_ENV	Min	0.61	0.	0.
201	201	930	SLU_ENV	Min	0.61	0.	0.
201	201	929	SLV_Ex		0.28	119.27	0.135
201	201	944	SLV_Ex		0.28	119.27	0.135
201	201	945	SLV_Ex		0.28	119.27	0.135
201	201	930	SLV_Ex		0.28	119.27	0.135
202	202	930	SLU_ENV	Max	3.29	0.	0.
202	202	945	SLU_ENV	Max	3.29	0.	0.
202	202	946	SLU_ENV	Max	3.29	0.	0.
202	202	931	SLU_ENV	Max	3.29	0.	0.
202	202	930	SLU_ENV	Min	0.61	0.	0.
202	202	945	SLU_ENV	Min	0.61	0.	0.
202	202	946	SLU_ENV	Min	0.61	0.	0.
202	202	931	SLU_ENV	Min	0.61	0.	0.
202	202	930	SLV_Ex		1.79	71.51	1.432
202	202	945	SLV_Ex		1.79	71.51	1.432
202	202	946	SLV_Ex		1.79	71.51	1.432
202	202	931	SLV_Ex		1.79	71.51	1.432
203	203	931	SLU_ENV	Max	3.08	0.	0.
203	203	946	SLU_ENV	Max	3.08	0.	0.
203	203	947	SLU_ENV	Max	3.08	0.	0.
203	203	932	SLU_ENV	Max	3.08	0.	0.
203	203	931	SLU_ENV	Min	0.84	0.	0.
203	203	946	SLU_ENV	Min	0.84	0.	0.
203	203	947	SLU_ENV	Min	0.84	0.	0.
203	203	932	SLU_ENV	Min	0.84	0.	0.
203	203	931	SLV_Ex		4.11	23.98	9.88
203	203	946	SLV_Ex		4.11	23.98	9.88
203	203	947	SLV_Ex		4.11	23.98	9.88
203	203	932	SLV_Ex		4.11	23.98	9.88
204	204	932	SLU_ENV	Max	5.74	0.	0.
204	204	947	SLU_ENV	Max	5.74	0.	0.
204	204	948	SLU_ENV	Max	5.74	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
204	204	933	SLU_ENV	Max	5.74	0.	0.
204	204	932	SLU_ENV	Min	-1.24	0.	0.
204	204	947	SLU_ENV	Min	-1.24	0.	0.
204	204	948	SLU_ENV	Min	-1.24	0.	0.
204	204	933	SLU_ENV	Min	-1.24	0.	0.
204	204	932	SLV_Ex		9.73	25.92	157.938
204	204	947	SLV_Ex		9.73	25.92	157.938
204	204	948	SLV_Ex		9.73	25.92	157.938
204	204	933	SLV_Ex		9.73	25.92	157.938
205	205	933	SLU_ENV	Max	12.92	0.	0.
205	205	948	SLU_ENV	Max	12.92	0.	0.
205	205	949	SLU_ENV	Max	12.92	0.	0.
205	205	934	SLU_ENV	Max	12.92	0.	0.
205	205	933	SLU_ENV	Min	-4.06	0.	0.
205	205	948	SLU_ENV	Min	-4.06	0.	0.
205	205	949	SLU_ENV	Min	-4.06	0.	0.
205	205	934	SLU_ENV	Min	-4.06	0.	0.
205	205	933	SLV_Ex		20.4	70.76	163.24
205	205	948	SLV_Ex		20.4	70.76	163.24
205	205	949	SLV_Ex		20.4	70.76	163.24
205	205	934	SLV_Ex		20.4	70.76	163.24
206	206	457	SLU_ENV	Max	0.77	0.	0.
206	206	456	SLU_ENV	Max	0.77	0.	0.
206	206	474	SLU_ENV	Max	0.77	0.	0.
206	206	475	SLU_ENV	Max	0.77	0.	0.
206	206	457	SLU_ENV	Min	-21.22	0.	0.
206	206	456	SLU_ENV	Min	-21.22	0.	0.
206	206	474	SLU_ENV	Min	-21.22	0.	0.
206	206	475	SLU_ENV	Min	-21.22	0.	0.
206	206	457	SLV_Ex		-201.04	201.05	-90.359
206	206	456	SLV_Ex		-201.04	201.05	-90.359
206	206	474	SLV_Ex		-201.04	201.05	-90.359
206	206	475	SLV_Ex		-201.04	201.05	-90.359
207	207	475	SLU_ENV	Max	1.21	0.	0.
207	207	474	SLU_ENV	Max	1.21	0.	0.
207	207	492	SLU_ENV	Max	1.21	0.	0.
207	207	493	SLU_ENV	Max	1.21	0.	0.
207	207	475	SLU_ENV	Min	-19.15	0.	0.
207	207	474	SLU_ENV	Min	-19.15	0.	0.
207	207	492	SLU_ENV	Min	-19.15	0.	0.
207	207	493	SLU_ENV	Min	-19.15	0.	0.
207	207	475	SLV_Ex		-201.91	201.92	-90.579
207	207	474	SLV_Ex		-201.91	201.92	-90.579
207	207	492	SLV_Ex		-201.91	201.92	-90.579
207	207	493	SLV_Ex		-201.91	201.92	-90.579
208	208	493	SLU_ENV	Max	1.14	0.	0.
208	208	492	SLU_ENV	Max	1.14	0.	0.
208	208	510	SLU_ENV	Max	1.14	0.	0.
208	208	511	SLU_ENV	Max	1.14	0.	0.
208	208	493	SLU_ENV	Min	-19.2	0.	0.
208	208	492	SLU_ENV	Min	-19.2	0.	0.
208	208	510	SLU_ENV	Min	-19.2	0.	0.
208	208	511	SLU_ENV	Min	-19.2	0.	0.
208	208	493	SLV_Ex		-205.29	205.29	-90.191

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
208	208	492	SLV_Ex		-205.29	205.29	-90.191
208	208	510	SLV_Ex		-205.29	205.29	-90.191
208	208	511	SLV_Ex		-205.29	205.29	-90.191
209	209	511	SLU_ENV	Max	-4.46	0.	0.
209	209	510	SLU_ENV	Max	-4.46	0.	0.
209	209	528	SLU_ENV	Max	-4.46	0.	0.
209	209	529	SLU_ENV	Max	-4.46	0.	0.
209	209	511	SLU_ENV	Min	-32.15	0.	0.
209	209	510	SLU_ENV	Min	-32.15	0.	0.
209	209	528	SLU_ENV	Min	-32.15	0.	0.
209	209	529	SLU_ENV	Min	-32.15	0.	0.
209	209	511	SLV_Ex		-192.37	193.15	-84.835
209	209	510	SLV_Ex		-192.37	193.15	-84.835
209	209	528	SLV_Ex		-192.37	193.15	-84.835
209	209	529	SLV_Ex		-192.37	193.15	-84.835
210	210	749	SLU_ENV	Max	-1.73	0.	0.
210	210	748	SLU_ENV	Max	-1.73	0.	0.
210	210	732	SLU_ENV	Max	-1.73	0.	0.
210	210	733	SLU_ENV	Max	-1.73	0.	0.
210	210	749	SLU_ENV	Min	-48.35	0.	0.
210	210	748	SLU_ENV	Min	-48.35	0.	0.
210	210	732	SLU_ENV	Min	-48.35	0.	0.
210	210	733	SLU_ENV	Min	-48.35	0.	0.
210	210	749	SLV_Ex		-191.65	191.65	-90.152
210	210	748	SLV_Ex		-191.65	191.65	-90.152
210	210	732	SLV_Ex		-191.65	191.65	-90.152
210	210	733	SLV_Ex		-191.65	191.65	-90.152
211	211	733	SLU_ENV	Max	-0.48	0.	0.
211	211	732	SLU_ENV	Max	-0.48	0.	0.
211	211	716	SLU_ENV	Max	-0.48	0.	0.
211	211	717	SLU_ENV	Max	-0.48	0.	0.
211	211	733	SLU_ENV	Min	-43.24	0.	0.
211	211	732	SLU_ENV	Min	-43.24	0.	0.
211	211	716	SLU_ENV	Min	-43.24	0.	0.
211	211	717	SLU_ENV	Min	-43.24	0.	0.
211	211	733	SLV_Ex		-195.4	195.4	-90.186
211	211	732	SLV_Ex		-195.4	195.4	-90.186
211	211	716	SLV_Ex		-195.4	195.4	-90.186
211	211	717	SLV_Ex		-195.4	195.4	-90.186
212	212	717	SLU_ENV	Max	0.22	0.	0.
212	212	716	SLU_ENV	Max	0.22	0.	0.
212	212	329	SLU_ENV	Max	0.22	0.	0.
212	212	330	SLU_ENV	Max	0.22	0.	0.
212	212	717	SLU_ENV	Min	-39.32	0.	0.
212	212	716	SLU_ENV	Min	-39.32	0.	0.
212	212	329	SLU_ENV	Min	-39.32	0.	0.
212	212	330	SLU_ENV	Min	-39.32	0.	0.
212	212	717	SLV_Ex		-196.25	196.25	-89.531
212	212	716	SLV_Ex		-196.25	196.25	-89.531
212	212	329	SLV_Ex		-196.25	196.25	-89.531
212	212	330	SLV_Ex		-196.25	196.25	-89.531
213	213	330	SLU_ENV	Max	0.3	0.	0.
213	213	329	SLU_ENV	Max	0.3	0.	0.
213	213	347	SLU_ENV	Max	0.3	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
213	213	348	SLU_ENV	Max	0.3	0.	0.
213	213	330	SLU_ENV	Min	-37.27	0.	0.
213	213	329	SLU_ENV	Min	-37.27	0.	0.
213	213	347	SLU_ENV	Min	-37.27	0.	0.
213	213	348	SLU_ENV	Min	-37.27	0.	0.
213	213	330	SLV_Ex		-195.54	195.55	-89.369
213	213	329	SLV_Ex		-195.54	195.55	-89.369
213	213	347	SLV_Ex		-195.54	195.55	-89.369
213	213	348	SLV_Ex		-195.54	195.55	-89.369
214	214	941	SLU_ENV	Max	9.59	0.	0.
214	214	956	SLU_ENV	Max	9.59	0.	0.
214	214	957	SLU_ENV	Max	9.59	0.	0.
214	214	942	SLU_ENV	Max	9.59	0.	0.
214	214	941	SLU_ENV	Min	-2.84	0.	0.
214	214	956	SLU_ENV	Min	-2.84	0.	0.
214	214	957	SLU_ENV	Min	-2.84	0.	0.
214	214	942	SLU_ENV	Min	-2.84	0.	0.
214	214	941	SLV_Ex		-32.83	251.24	-7.508
214	214	956	SLV_Ex		-32.83	251.24	-7.508
214	214	957	SLV_Ex		-32.83	251.24	-7.508
214	214	942	SLV_Ex		-32.83	251.24	-7.508
215	215	942	SLU_ENV	Max	3.07	0.	0.
215	215	957	SLU_ENV	Max	3.07	0.	0.
215	215	958	SLU_ENV	Max	3.07	0.	0.
215	215	943	SLU_ENV	Max	3.07	0.	0.
215	215	942	SLU_ENV	Min	-0.55	0.	0.
215	215	957	SLU_ENV	Min	-0.55	0.	0.
215	215	958	SLU_ENV	Min	-0.55	0.	0.
215	215	943	SLU_ENV	Min	-0.55	0.	0.
215	215	942	SLV_Ex		-3.43	208.99	-0.939
215	215	957	SLV_Ex		-3.43	208.99	-0.939
215	215	958	SLV_Ex		-3.43	208.99	-0.939
215	215	943	SLV_Ex		-3.43	208.99	-0.939
216	216	943	SLU_ENV	Max	1.11	0.	0.
216	216	958	SLU_ENV	Max	1.11	0.	0.
216	216	959	SLU_ENV	Max	1.11	0.	0.
216	216	944	SLU_ENV	Max	1.11	0.	0.
216	216	943	SLU_ENV	Min	9.153E-02	0.	0.
216	216	958	SLU_ENV	Min	9.153E-02	0.	0.
216	216	959	SLU_ENV	Min	9.153E-02	0.	0.
216	216	944	SLU_ENV	Min	9.153E-02	0.	0.
216	216	943	SLV_Ex		-1.22	163.86	-0.426
216	216	958	SLV_Ex		-1.22	163.86	-0.426
216	216	959	SLV_Ex		-1.22	163.86	-0.426
216	216	944	SLV_Ex		-1.22	163.86	-0.426
217	217	944	SLU_ENV	Max	0.96	0.	0.
217	217	959	SLU_ENV	Max	0.96	0.	0.
217	217	960	SLU_ENV	Max	0.96	0.	0.
217	217	945	SLU_ENV	Max	0.96	0.	0.
217	217	944	SLU_ENV	Min	0.22	0.	0.
217	217	959	SLU_ENV	Min	0.22	0.	0.
217	217	960	SLU_ENV	Min	0.22	0.	0.
217	217	945	SLU_ENV	Min	0.22	0.	0.
217	217	944	SLV_Ex		-5.105E-02	117.2	-0.025

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
217	217	959	SLV_Ex		-5.105E-02	117.2	-0.025
217	217	960	SLV_Ex		-5.105E-02	117.2	-0.025
217	217	945	SLV_Ex		-5.105E-02	117.2	-0.025
218	218	945	SLU_ENV	Max	0.96	0.	0.
218	218	960	SLU_ENV	Max	0.96	0.	0.
218	218	961	SLU_ENV	Max	0.96	0.	0.
218	218	946	SLU_ENV	Max	0.96	0.	0.
218	218	945	SLU_ENV	Min	0.22	0.	0.
218	218	960	SLU_ENV	Min	0.22	0.	0.
218	218	961	SLU_ENV	Min	0.22	0.	0.
218	218	946	SLU_ENV	Min	0.22	0.	0.
218	218	945	SLV_Ex		0.66	69.46	0.545
218	218	960	SLV_Ex		0.66	69.46	0.545
218	218	961	SLV_Ex		0.66	69.46	0.545
218	218	946	SLV_Ex		0.66	69.46	0.545
219	219	946	SLU_ENV	Max	1.11	0.	0.
219	219	961	SLU_ENV	Max	1.11	0.	0.
219	219	962	SLU_ENV	Max	1.11	0.	0.
219	219	947	SLU_ENV	Max	1.11	0.	0.
219	219	946	SLU_ENV	Min	9.151E-02	0.	0.
219	219	961	SLU_ENV	Min	9.151E-02	0.	0.
219	219	962	SLU_ENV	Min	9.151E-02	0.	0.
219	219	947	SLU_ENV	Min	9.151E-02	0.	0.
219	219	946	SLV_Ex		2.14	20.43	6.014
219	219	961	SLV_Ex		2.14	20.43	6.014
219	219	962	SLV_Ex		2.14	20.43	6.014
219	219	947	SLV_Ex		2.14	20.43	6.014
220	220	947	SLU_ENV	Max	3.07	0.	0.
220	220	962	SLU_ENV	Max	3.07	0.	0.
220	220	963	SLU_ENV	Max	3.07	0.	0.
220	220	948	SLU_ENV	Max	3.07	0.	0.
220	220	947	SLU_ENV	Min	-0.55	0.	0.
220	220	962	SLU_ENV	Min	-0.55	0.	0.
220	220	963	SLU_ENV	Min	-0.55	0.	0.
220	220	948	SLU_ENV	Min	-0.55	0.	0.
220	220	947	SLV_Ex		5.81	32.24	169.612
220	220	962	SLV_Ex		5.81	32.24	169.612
220	220	963	SLV_Ex		5.81	32.24	169.612
220	220	948	SLV_Ex		5.81	32.24	169.612
221	221	948	SLU_ENV	Max	9.59	0.	0.
221	221	963	SLU_ENV	Max	9.59	0.	0.
221	221	964	SLU_ENV	Max	9.59	0.	0.
221	221	949	SLU_ENV	Max	9.59	0.	0.
221	221	948	SLU_ENV	Min	-2.84	0.	0.
221	221	963	SLU_ENV	Min	-2.84	0.	0.
221	221	964	SLU_ENV	Min	-2.84	0.	0.
221	221	949	SLU_ENV	Min	-2.84	0.	0.
221	221	948	SLV_Ex		35.68	103.54	159.845
221	221	963	SLV_Ex		35.68	103.54	159.845
221	221	964	SLV_Ex		35.68	103.54	159.845
221	221	949	SLV_Ex		35.68	103.54	159.845
222	222	348	SLU_ENV	Max	0.2	0.	0.
222	222	347	SLU_ENV	Max	0.2	0.	0.
222	222	365	SLU_ENV	Max	0.2	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
222	222	366	SLU_ENV	Max	0.2	0.	0.
222	222	348	SLU_ENV	Min	-35.53	0.	0.
222	222	347	SLU_ENV	Min	-35.53	0.	0.
222	222	365	SLU_ENV	Min	-35.53	0.	0.
222	222	366	SLU_ENV	Min	-35.53	0.	0.
222	222	348	SLV_Ex		-194.6	194.61	-89.537
222	222	347	SLV_Ex		-194.6	194.61	-89.537
222	222	365	SLV_Ex		-194.6	194.61	-89.537
222	222	366	SLV_Ex		-194.6	194.61	-89.537
223	223	366	SLU_ENV	Max	8.383E-02	0.	0.
223	223	365	SLU_ENV	Max	8.383E-02	0.	0.
223	223	383	SLU_ENV	Max	8.383E-02	0.	0.
223	223	384	SLU_ENV	Max	8.383E-02	0.	0.
223	223	366	SLU_ENV	Min	-33.62	0.	0.
223	223	365	SLU_ENV	Min	-33.62	0.	0.
223	223	383	SLU_ENV	Min	-33.62	0.	0.
223	223	384	SLU_ENV	Min	-33.62	0.	0.
223	223	366	SLV_Ex		-194.03	194.03	-89.699
223	223	365	SLV_Ex		-194.03	194.03	-89.699
223	223	383	SLV_Ex		-194.03	194.03	-89.699
223	223	384	SLV_Ex		-194.03	194.03	-89.699
224	224	384	SLU_ENV	Max	2.630E-02	0.	0.
224	224	383	SLU_ENV	Max	2.630E-02	0.	0.
224	224	401	SLU_ENV	Max	2.630E-02	0.	0.
224	224	402	SLU_ENV	Max	2.630E-02	0.	0.
224	224	384	SLU_ENV	Min	-31.42	0.	0.
224	224	383	SLU_ENV	Min	-31.42	0.	0.
224	224	401	SLU_ENV	Min	-31.42	0.	0.
224	224	402	SLU_ENV	Min	-31.42	0.	0.
224	224	384	SLV_Ex		-193.62	193.62	-89.825
224	224	383	SLV_Ex		-193.62	193.62	-89.825
224	224	401	SLV_Ex		-193.62	193.62	-89.825
224	224	402	SLV_Ex		-193.62	193.62	-89.825
225	225	402	SLU_ENV	Max	2.664E-02	0.	0.
225	225	401	SLU_ENV	Max	2.664E-02	0.	0.
225	225	419	SLU_ENV	Max	2.664E-02	0.	0.
225	225	420	SLU_ENV	Max	2.664E-02	0.	0.
225	225	402	SLU_ENV	Min	-29.08	0.	0.
225	225	401	SLU_ENV	Min	-29.08	0.	0.
225	225	419	SLU_ENV	Min	-29.08	0.	0.
225	225	420	SLU_ENV	Min	-29.08	0.	0.
225	225	402	SLV_Ex		-193.35	193.35	-89.915
225	225	401	SLV_Ex		-193.35	193.35	-89.915
225	225	419	SLV_Ex		-193.35	193.35	-89.915
225	225	420	SLV_Ex		-193.35	193.35	-89.915
226	226	420	SLU_ENV	Max	8.397E-02	0.	0.
226	226	419	SLU_ENV	Max	8.397E-02	0.	0.
226	226	437	SLU_ENV	Max	8.397E-02	0.	0.
226	226	438	SLU_ENV	Max	8.397E-02	0.	0.
226	226	420	SLU_ENV	Min	-26.76	0.	0.
226	226	419	SLU_ENV	Min	-26.76	0.	0.
226	226	437	SLU_ENV	Min	-26.76	0.	0.
226	226	438	SLU_ENV	Min	-26.76	0.	0.
226	226	420	SLV_Ex		-193.2	193.2	-90.022

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
226	226	419	SLV_Ex		-193.2	193.2	-90.022
226	226	437	SLV_Ex		-193.2	193.2	-90.022
226	226	438	SLV_Ex		-193.2	193.2	-90.022
227	227	438	SLU_ENV	Max	0.2	0.	0.
227	227	437	SLU_ENV	Max	0.2	0.	0.
227	227	455	SLU_ENV	Max	0.2	0.	0.
227	227	456	SLU_ENV	Max	0.2	0.	0.
227	227	438	SLU_ENV	Min	-24.59	0.	0.
227	227	437	SLU_ENV	Min	-24.59	0.	0.
227	227	455	SLU_ENV	Min	-24.59	0.	0.
227	227	456	SLU_ENV	Min	-24.59	0.	0.
227	227	438	SLV_Ex		-193.16	193.16	-90.139
227	227	437	SLV_Ex		-193.16	193.16	-90.139
227	227	455	SLV_Ex		-193.16	193.16	-90.139
227	227	456	SLV_Ex		-193.16	193.16	-90.139
228	228	456	SLU_ENV	Max	0.35	0.	0.
228	228	455	SLU_ENV	Max	0.35	0.	0.
228	228	473	SLU_ENV	Max	0.35	0.	0.
228	228	474	SLU_ENV	Max	0.35	0.	0.
228	228	456	SLU_ENV	Min	-22.72	0.	0.
228	228	455	SLU_ENV	Min	-22.72	0.	0.
228	228	473	SLU_ENV	Min	-22.72	0.	0.
228	228	474	SLU_ENV	Min	-22.72	0.	0.
228	228	456	SLV_Ex		-193.29	193.3	-90.281
228	228	455	SLV_Ex		-193.29	193.3	-90.281
228	228	473	SLV_Ex		-193.29	193.3	-90.281
228	228	474	SLV_Ex		-193.29	193.3	-90.281
229	229	474	SLU_ENV	Max	0.38	0.	0.
229	229	473	SLU_ENV	Max	0.38	0.	0.
229	229	491	SLU_ENV	Max	0.38	0.	0.
229	229	492	SLU_ENV	Max	0.38	0.	0.
229	229	474	SLU_ENV	Min	-21.62	0.	0.
229	229	473	SLU_ENV	Min	-21.62	0.	0.
229	229	491	SLU_ENV	Min	-21.62	0.	0.
229	229	492	SLU_ENV	Min	-21.62	0.	0.
229	229	474	SLV_Ex		-193.25	193.25	-90.319
229	229	473	SLV_Ex		-193.25	193.25	-90.319
229	229	491	SLV_Ex		-193.25	193.25	-90.319
229	229	492	SLV_Ex		-193.25	193.25	-90.319
230	230	492	SLU_ENV	Max	-0.19	0.	0.
230	230	491	SLU_ENV	Max	-0.19	0.	0.
230	230	509	SLU_ENV	Max	-0.19	0.	0.
230	230	510	SLU_ENV	Max	-0.19	0.	0.
230	230	492	SLU_ENV	Min	-22.37	0.	0.
230	230	491	SLU_ENV	Min	-22.37	0.	0.
230	230	509	SLU_ENV	Min	-22.37	0.	0.
230	230	510	SLU_ENV	Min	-22.37	0.	0.
230	230	492	SLV_Ex		-192.36	192.36	-89.839
230	230	491	SLV_Ex		-192.36	192.36	-89.839
230	230	509	SLV_Ex		-192.36	192.36	-89.839
230	230	510	SLV_Ex		-192.36	192.36	-89.839
231	231	975	SLU_ENV	Max	-3.33	0.	0.
231	231	974	SLU_ENV	Max	-3.33	0.	0.
231	231	976	SLU_ENV	Max	-3.33	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
231	231	977	SLU_ENV	Max	-3.33	0.	0.
231	231	975	SLU_ENV	Min	-20.14	0.	0.
231	231	974	SLU_ENV	Min	-20.14	0.	0.
231	231	976	SLU_ENV	Min	-20.14	0.	0.
231	231	977	SLU_ENV	Min	-20.14	0.	0.
231	231	975	SLV_Ex		36.02	246.22	8.412
231	231	974	SLV_Ex		36.02	246.22	8.412
231	231	976	SLV_Ex		36.02	246.22	8.412
231	231	977	SLV_Ex		36.02	246.22	8.412
232	232	977	SLU_ENV	Max	-0.84	0.	0.
232	232	976	SLU_ENV	Max	-0.84	0.	0.
232	232	978	SLU_ENV	Max	-0.84	0.	0.
232	232	979	SLU_ENV	Max	-0.84	0.	0.
232	232	977	SLU_ENV	Min	-11.53	0.	0.
232	232	976	SLU_ENV	Min	-11.53	0.	0.
232	232	978	SLU_ENV	Min	-11.53	0.	0.
232	232	979	SLU_ENV	Min	-11.53	0.	0.
232	232	977	SLV_Ex		1.68	207.49	0.463
232	232	976	SLV_Ex		1.68	207.49	0.463
232	232	978	SLV_Ex		1.68	207.49	0.463
232	232	979	SLV_Ex		1.68	207.49	0.463
233	233	979	SLU_ENV	Max	-0.3	0.	0.
233	233	978	SLU_ENV	Max	-0.3	0.	0.
233	233	980	SLU_ENV	Max	-0.3	0.	0.
233	233	981	SLU_ENV	Max	-0.3	0.	0.
233	233	979	SLU_ENV	Min	-36.03	0.	0.
233	233	978	SLU_ENV	Min	-36.03	0.	0.
233	233	980	SLU_ENV	Min	-36.03	0.	0.
233	233	981	SLU_ENV	Min	-36.03	0.	0.
233	233	979	SLV_Ex		-2.391E-02	163.74	-8.367E-03
233	233	978	SLV_Ex		-2.391E-02	163.74	-8.367E-03
233	233	980	SLV_Ex		-2.391E-02	163.74	-8.367E-03
233	233	981	SLV_Ex		-2.391E-02	163.74	-8.367E-03
234	234	981	SLU_ENV	Max	-0.19	0.	0.
234	234	980	SLU_ENV	Max	-0.19	0.	0.
234	234	982	SLU_ENV	Max	-0.19	0.	0.
234	234	983	SLU_ENV	Max	-0.19	0.	0.
234	234	981	SLU_ENV	Min	-36.56	0.	0.
234	234	980	SLU_ENV	Min	-36.56	0.	0.
234	234	982	SLU_ENV	Min	-36.56	0.	0.
234	234	983	SLU_ENV	Min	-36.56	0.	0.
234	234	981	SLV_Ex		-1.1	118.16	-0.534
234	234	980	SLV_Ex		-1.1	118.16	-0.534
234	234	982	SLV_Ex		-1.1	118.16	-0.534
234	234	983	SLV_Ex		-1.1	118.16	-0.534
235	235	983	SLU_ENV	Max	-0.19	0.	0.
235	235	982	SLU_ENV	Max	-0.19	0.	0.
235	235	984	SLU_ENV	Max	-0.19	0.	0.
235	235	985	SLU_ENV	Max	-0.19	0.	0.
235	235	983	SLU_ENV	Min	-36.56	0.	0.
235	235	982	SLU_ENV	Min	-36.56	0.	0.
235	235	984	SLU_ENV	Min	-36.56	0.	0.
235	235	985	SLU_ENV	Min	-36.56	0.	0.
235	235	983	SLV_Ex		-1.64	71.49	-1.318

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
235	235	982	SLV_Ex		-1.64	71.49	-1.318
235	235	984	SLV_Ex		-1.64	71.49	-1.318
235	235	985	SLV_Ex		-1.64	71.49	-1.318
236	236	985	SLU_ENV	Max	-0.3	0.	0.
236	236	984	SLU_ENV	Max	-0.3	0.	0.
236	236	986	SLU_ENV	Max	-0.3	0.	0.
236	236	987	SLU_ENV	Max	-0.3	0.	0.
236	236	985	SLU_ENV	Min	-36.03	0.	0.
236	236	984	SLU_ENV	Min	-36.03	0.	0.
236	236	986	SLU_ENV	Min	-36.03	0.	0.
236	236	987	SLU_ENV	Min	-36.03	0.	0.
236	236	985	SLV_Ex		-2.74	23.74	-6.633
236	236	984	SLV_Ex		-2.74	23.74	-6.633
236	236	986	SLV_Ex		-2.74	23.74	-6.633
236	236	987	SLV_Ex		-2.74	23.74	-6.633
237	237	987	SLU_ENV	Max	-0.84	0.	0.
237	237	986	SLU_ENV	Max	-0.84	0.	0.
237	237	988	SLU_ENV	Max	-0.84	0.	0.
237	237	989	SLU_ENV	Max	-0.84	0.	0.
237	237	987	SLU_ENV	Min	-11.53	0.	0.
237	237	986	SLU_ENV	Min	-11.53	0.	0.
237	237	988	SLU_ENV	Min	-11.53	0.	0.
237	237	989	SLU_ENV	Min	-11.53	0.	0.
237	237	987	SLV_Ex		-5.1	27.23	-169.209
237	237	986	SLV_Ex		-5.1	27.23	-169.209
237	237	988	SLV_Ex		-5.1	27.23	-169.209
237	237	989	SLV_Ex		-5.1	27.23	-169.209
238	238	989	SLU_ENV	Max	-3.33	0.	0.
238	238	988	SLU_ENV	Max	-3.33	0.	0.
238	238	990	SLU_ENV	Max	-3.33	0.	0.
238	238	991	SLU_ENV	Max	-3.33	0.	0.
238	238	989	SLU_ENV	Min	-20.14	0.	0.
238	238	988	SLU_ENV	Min	-20.14	0.	0.
238	238	990	SLU_ENV	Min	-20.14	0.	0.
238	238	991	SLU_ENV	Min	-20.14	0.	0.
238	238	989	SLV_Ex		-34.19	96.85	-159.329
238	238	988	SLV_Ex		-34.19	96.85	-159.329
238	238	990	SLV_Ex		-34.19	96.85	-159.329
238	238	991	SLV_Ex		-34.19	96.85	-159.329
239	239	510	SLU_ENV	Max	-1.63	0.	0.
239	239	509	SLU_ENV	Max	-1.63	0.	0.
239	239	527	SLU_ENV	Max	-1.63	0.	0.
239	239	528	SLU_ENV	Max	-1.63	0.	0.
239	239	510	SLU_ENV	Min	-25.33	0.	0.
239	239	509	SLU_ENV	Min	-25.33	0.	0.
239	239	527	SLU_ENV	Min	-25.33	0.	0.
239	239	528	SLU_ENV	Min	-25.33	0.	0.
239	239	510	SLV_Ex		-188.1	188.1	-89.717
239	239	509	SLV_Ex		-188.1	188.1	-89.717
239	239	527	SLV_Ex		-188.1	188.1	-89.717
239	239	528	SLV_Ex		-188.1	188.1	-89.717
240	240	748	SLU_ENV	Max	-0.61	0.	0.
240	240	747	SLU_ENV	Max	-0.61	0.	0.
240	240	731	SLU_ENV	Max	-0.61	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
240	240	732	SLU_ENV	Max	-0.61	0.	0.
240	240	748	SLU_ENV	Min	-43.32	0.	0.
240	240	747	SLU_ENV	Min	-43.32	0.	0.
240	240	731	SLU_ENV	Min	-43.32	0.	0.
240	240	732	SLU_ENV	Min	-43.32	0.	0.
240	240	748	SLV_Ex		-183.2	183.2	-89.952
240	240	747	SLV_Ex		-183.2	183.2	-89.952
240	240	731	SLV_Ex		-183.2	183.2	-89.952
240	240	732	SLV_Ex		-183.2	183.2	-89.952
241	241	732	SLU_ENV	Max	-0.33	0.	0.
241	241	731	SLU_ENV	Max	-0.33	0.	0.
241	241	715	SLU_ENV	Max	-0.33	0.	0.
241	241	716	SLU_ENV	Max	-0.33	0.	0.
241	241	732	SLU_ENV	Min	-42.29	0.	0.
241	241	731	SLU_ENV	Min	-42.29	0.	0.
241	241	715	SLU_ENV	Min	-42.29	0.	0.
241	241	716	SLU_ENV	Min	-42.29	0.	0.
241	241	732	SLV_Ex		-186.14	186.15	-89.524
241	241	731	SLV_Ex		-186.14	186.15	-89.524
241	241	715	SLV_Ex		-186.14	186.15	-89.524
241	241	716	SLV_Ex		-186.14	186.15	-89.524
242	242	716	SLU_ENV	Max	-0.13	0.	0.
242	242	715	SLU_ENV	Max	-0.13	0.	0.
242	242	328	SLU_ENV	Max	-0.13	0.	0.
242	242	329	SLU_ENV	Max	-0.13	0.	0.
242	242	716	SLU_ENV	Min	-40.84	0.	0.
242	242	715	SLU_ENV	Min	-40.84	0.	0.
242	242	328	SLU_ENV	Min	-40.84	0.	0.
242	242	329	SLU_ENV	Min	-40.84	0.	0.
242	242	716	SLV_Ex		-187.56	187.57	-89.498
242	242	715	SLV_Ex		-187.56	187.57	-89.498
242	242	328	SLV_Ex		-187.56	187.57	-89.498
242	242	329	SLV_Ex		-187.56	187.57	-89.498
243	243	329	SLU_ENV	Max	-7.325E-02	0.	0.
243	243	328	SLU_ENV	Max	-7.325E-02	0.	0.
243	243	346	SLU_ENV	Max	-7.325E-02	0.	0.
243	243	347	SLU_ENV	Max	-7.325E-02	0.	0.
243	243	329	SLU_ENV	Min	-39.06	0.	0.
243	243	328	SLU_ENV	Min	-39.06	0.	0.
243	243	346	SLU_ENV	Min	-39.06	0.	0.
243	243	347	SLU_ENV	Min	-39.06	0.	0.
243	243	329	SLV_Ex		-187.44	187.44	-89.55
243	243	328	SLV_Ex		-187.44	187.44	-89.55
243	243	346	SLV_Ex		-187.44	187.44	-89.55
243	243	347	SLV_Ex		-187.44	187.44	-89.55
244	244	347	SLU_ENV	Max	-5.150E-02	0.	0.
244	244	346	SLU_ENV	Max	-5.150E-02	0.	0.
244	244	364	SLU_ENV	Max	-5.150E-02	0.	0.
244	244	365	SLU_ENV	Max	-5.150E-02	0.	0.
244	244	347	SLU_ENV	Min	-36.77	0.	0.
244	244	346	SLU_ENV	Min	-36.77	0.	0.
244	244	364	SLU_ENV	Min	-36.77	0.	0.
244	244	365	SLU_ENV	Min	-36.77	0.	0.
244	244	347	SLV_Ex		-186.84	186.85	-89.694

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
244	244	346	SLV_Ex		-186.84	186.85	-89.694
244	244	364	SLV_Ex		-186.84	186.85	-89.694
244	244	365	SLV_Ex		-186.84	186.85	-89.694
245	245	365	SLU_ENV	Max	-5.601E-02	0.	0.
245	245	364	SLU_ENV	Max	-5.601E-02	0.	0.
245	245	382	SLU_ENV	Max	-5.601E-02	0.	0.
245	245	383	SLU_ENV	Max	-5.601E-02	0.	0.
245	245	365	SLU_ENV	Min	-34.33	0.	0.
245	245	364	SLU_ENV	Min	-34.33	0.	0.
245	245	382	SLU_ENV	Min	-34.33	0.	0.
245	245	383	SLU_ENV	Min	-34.33	0.	0.
245	245	365	SLV_Ex		-186.17	186.17	-89.828
245	245	364	SLV_Ex		-186.17	186.17	-89.828
245	245	382	SLV_Ex		-186.17	186.17	-89.828
245	245	383	SLV_Ex		-186.17	186.17	-89.828
246	246	383	SLU_ENV	Max	-5.526E-02	0.	0.
246	246	382	SLU_ENV	Max	-5.526E-02	0.	0.
246	246	400	SLU_ENV	Max	-5.526E-02	0.	0.
246	246	401	SLU_ENV	Max	-5.526E-02	0.	0.
246	246	383	SLU_ENV	Min	-31.82	0.	0.
246	246	382	SLU_ENV	Min	-31.82	0.	0.
246	246	400	SLU_ENV	Min	-31.82	0.	0.
246	246	401	SLU_ENV	Min	-31.82	0.	0.
246	246	383	SLV_Ex		-185.68	185.68	-89.911
246	246	382	SLV_Ex		-185.68	185.68	-89.911
246	246	400	SLV_Ex		-185.68	185.68	-89.911
246	246	401	SLV_Ex		-185.68	185.68	-89.911
247	247	974	SLU_ENV	Max	-4.12	0.	0.
247	247	780	SLU_ENV	Max	-4.12	0.	0.
247	247	782	SLU_ENV	Max	-4.12	0.	0.
247	247	976	SLU_ENV	Max	-4.12	0.	0.
247	247	974	SLU_ENV	Min	-33.04	0.	0.
247	247	780	SLU_ENV	Min	-33.04	0.	0.
247	247	782	SLU_ENV	Min	-33.04	0.	0.
247	247	976	SLU_ENV	Min	-33.04	0.	0.
247	247	974	SLV_Ex		7.59	271.29	1.603
247	247	780	SLV_Ex		7.59	271.29	1.603
247	247	782	SLV_Ex		7.59	271.29	1.603
247	247	976	SLV_Ex		7.59	271.29	1.603
248	248	976	SLU_ENV	Max	-1.7	0.	0.
248	248	782	SLU_ENV	Max	-1.7	0.	0.
248	248	784	SLU_ENV	Max	-1.7	0.	0.
248	248	978	SLU_ENV	Max	-1.7	0.	0.
248	248	976	SLU_ENV	Min	-14.86	0.	0.
248	248	782	SLU_ENV	Min	-14.86	0.	0.
248	248	784	SLU_ENV	Min	-14.86	0.	0.
248	248	978	SLU_ENV	Min	-14.86	0.	0.
248	248	976	SLV_Ex		2.91	213.92	0.779
248	248	782	SLV_Ex		2.91	213.92	0.779
248	248	784	SLV_Ex		2.91	213.92	0.779
248	248	978	SLV_Ex		2.91	213.92	0.779
249	249	978	SLU_ENV	Max	-0.85	0.	0.
249	249	784	SLU_ENV	Max	-0.85	0.	0.
249	249	786	SLU_ENV	Max	-0.85	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
249	249	980	SLU_ENV	Max	-0.85	0.	0.
249	249	978	SLU_ENV	Min	-5.64	0.	0.
249	249	784	SLU_ENV	Min	-5.64	0.	0.
249	249	786	SLU_ENV	Min	-5.64	0.	0.
249	249	980	SLU_ENV	Min	-5.64	0.	0.
249	249	978	SLV_Ex		-0.76	166.7	-0.261
249	249	784	SLV_Ex		-0.76	166.7	-0.261
249	249	786	SLV_Ex		-0.76	166.7	-0.261
249	249	980	SLV_Ex		-0.76	166.7	-0.261
250	250	980	SLU_ENV	Max	2.82	0.	0.
250	250	786	SLU_ENV	Max	2.82	0.	0.
250	250	788	SLU_ENV	Max	2.82	0.	0.
250	250	982	SLU_ENV	Max	2.82	0.	0.
250	250	980	SLU_ENV	Min	-4.11	0.	0.
250	250	786	SLU_ENV	Min	-4.11	0.	0.
250	250	788	SLU_ENV	Min	-4.11	0.	0.
250	250	982	SLU_ENV	Min	-4.11	0.	0.
250	250	980	SLV_Ex		-2.	119.84	-0.958
250	250	786	SLV_Ex		-2.	119.84	-0.958
250	250	788	SLV_Ex		-2.	119.84	-0.958
250	250	982	SLV_Ex		-2.	119.84	-0.958
251	251	982	SLU_ENV	Max	2.81	0.	0.
251	251	788	SLU_ENV	Max	2.81	0.	0.
251	251	790	SLU_ENV	Max	2.81	0.	0.
251	251	984	SLU_ENV	Max	2.81	0.	0.
251	251	982	SLU_ENV	Min	-4.11	0.	0.
251	251	788	SLU_ENV	Min	-4.11	0.	0.
251	251	790	SLU_ENV	Min	-4.11	0.	0.
251	251	984	SLU_ENV	Min	-4.11	0.	0.
251	251	982	SLV_Ex		-3.33	72.98	-2.613
251	251	788	SLV_Ex		-3.33	72.98	-2.613
251	251	790	SLV_Ex		-3.33	72.98	-2.613
251	251	984	SLV_Ex		-3.33	72.98	-2.613
252	252	984	SLU_ENV	Max	-0.85	0.	0.
252	252	790	SLU_ENV	Max	-0.85	0.	0.
252	252	792	SLU_ENV	Max	-0.85	0.	0.
252	252	986	SLU_ENV	Max	-0.85	0.	0.
252	252	984	SLU_ENV	Min	-5.64	0.	0.
252	252	790	SLU_ENV	Min	-5.64	0.	0.
252	252	792	SLU_ENV	Min	-5.64	0.	0.
252	252	986	SLU_ENV	Min	-5.64	0.	0.
252	252	984	SLV_Ex		-5.16	26.3	-11.308
252	252	790	SLV_Ex		-5.16	26.3	-11.308
252	252	792	SLV_Ex		-5.16	26.3	-11.308
252	252	986	SLV_Ex		-5.16	26.3	-11.308
253	253	986	SLU_ENV	Max	-1.7	0.	0.
253	253	792	SLU_ENV	Max	-1.7	0.	0.
253	253	794	SLU_ENV	Max	-1.7	0.	0.
253	253	988	SLU_ENV	Max	-1.7	0.	0.
253	253	986	SLU_ENV	Min	-14.86	0.	0.
253	253	792	SLU_ENV	Min	-14.86	0.	0.
253	253	794	SLU_ENV	Min	-14.86	0.	0.
253	253	988	SLU_ENV	Min	-14.86	0.	0.
253	253	986	SLV_Ex		-10.17	23.77	-154.669

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
253	253	792	SLV_Ex		-10.17	23.77	-154.669
253	253	794	SLV_Ex		-10.17	23.77	-154.669
253	253	988	SLV_Ex		-10.17	23.77	-154.669
254	254	988	SLU_ENV	Max	-4.12	0.	0.
254	254	794	SLU_ENV	Max	-4.12	0.	0.
254	254	796	SLU_ENV	Max	-4.12	0.	0.
254	254	990	SLU_ENV	Max	-4.12	0.	0.
254	254	988	SLU_ENV	Min	-33.04	0.	0.
254	254	794	SLU_ENV	Min	-33.04	0.	0.
254	254	796	SLU_ENV	Min	-33.04	0.	0.
254	254	990	SLU_ENV	Min	-33.04	0.	0.
254	254	988	SLV_Ex		-21.19	68.41	-161.959
254	254	794	SLV_Ex		-21.19	68.41	-161.959
254	254	796	SLV_Ex		-21.19	68.41	-161.959
254	254	990	SLV_Ex		-21.19	68.41	-161.959
255	255	401	SLU_ENV	Max	-4.651E-02	0.	0.
255	255	400	SLU_ENV	Max	-4.651E-02	0.	0.
255	255	418	SLU_ENV	Max	-4.651E-02	0.	0.
255	255	419	SLU_ENV	Max	-4.651E-02	0.	0.
255	255	401	SLU_ENV	Min	-29.38	0.	0.
255	255	400	SLU_ENV	Min	-29.38	0.	0.
255	255	418	SLU_ENV	Min	-29.38	0.	0.
255	255	419	SLU_ENV	Min	-29.38	0.	0.
255	255	401	SLV_Ex		-185.37	185.37	-89.979
255	255	400	SLV_Ex		-185.37	185.37	-89.979
255	255	418	SLV_Ex		-185.37	185.37	-89.979
255	255	419	SLV_Ex		-185.37	185.37	-89.979
256	256	419	SLU_ENV	Max	-3.013E-02	0.	0.
256	256	418	SLU_ENV	Max	-3.013E-02	0.	0.
256	256	436	SLU_ENV	Max	-3.013E-02	0.	0.
256	256	437	SLU_ENV	Max	-3.013E-02	0.	0.
256	256	419	SLU_ENV	Min	-27.14	0.	0.
256	256	418	SLU_ENV	Min	-27.14	0.	0.
256	256	436	SLU_ENV	Min	-27.14	0.	0.
256	256	437	SLU_ENV	Min	-27.14	0.	0.
256	256	419	SLV_Ex		-185.26	185.26	-90.042
256	256	418	SLV_Ex		-185.26	185.26	-90.042
256	256	436	SLV_Ex		-185.26	185.26	-90.042
256	256	437	SLV_Ex		-185.26	185.26	-90.042
257	257	437	SLU_ENV	Max	-4.303E-03	0.	0.
257	257	436	SLU_ENV	Max	-4.303E-03	0.	0.
257	257	454	SLU_ENV	Max	-4.303E-03	0.	0.
257	257	455	SLU_ENV	Max	-4.303E-03	0.	0.
257	257	437	SLU_ENV	Min	-25.2	0.	0.
257	257	436	SLU_ENV	Min	-25.2	0.	0.
257	257	454	SLU_ENV	Min	-25.2	0.	0.
257	257	455	SLU_ENV	Min	-25.2	0.	0.
257	257	437	SLV_Ex		-185.32	185.32	-90.146
257	257	436	SLV_Ex		-185.32	185.32	-90.146
257	257	454	SLV_Ex		-185.32	185.32	-90.146
257	257	455	SLV_Ex		-185.32	185.32	-90.146
258	258	455	SLU_ENV	Max	4.501E-03	0.	0.
258	258	454	SLU_ENV	Max	4.501E-03	0.	0.
258	258	472	SLU_ENV	Max	4.501E-03	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
258	258	473	SLU_ENV	Max	4.501E-03	0.	0.
258	258	455	SLU_ENV	Min	-23.68	0.	0.
258	258	454	SLU_ENV	Min	-23.68	0.	0.
258	258	472	SLU_ENV	Min	-23.68	0.	0.
258	258	473	SLU_ENV	Min	-23.68	0.	0.
258	258	455	SLV_Ex		-185.36	185.36	-90.284
258	258	454	SLV_Ex		-185.36	185.36	-90.284
258	258	472	SLV_Ex		-185.36	185.36	-90.284
258	258	473	SLV_Ex		-185.36	185.36	-90.284
259	259	473	SLU_ENV	Max	-1.777E-02	0.	0.
259	259	472	SLU_ENV	Max	-1.777E-02	0.	0.
259	259	490	SLU_ENV	Max	-1.777E-02	0.	0.
259	259	491	SLU_ENV	Max	-1.777E-02	0.	0.
259	259	473	SLU_ENV	Min	-22.61	0.	0.
259	259	472	SLU_ENV	Min	-22.61	0.	0.
259	259	490	SLU_ENV	Min	-22.61	0.	0.
259	259	491	SLU_ENV	Min	-22.61	0.	0.
259	259	473	SLV_Ex		-185.08	185.08	-90.418
259	259	472	SLV_Ex		-185.08	185.08	-90.418
259	259	490	SLV_Ex		-185.08	185.08	-90.418
259	259	491	SLV_Ex		-185.08	185.08	-90.418
260	260	491	SLU_ENV	Max	-0.19	0.	0.
260	260	490	SLU_ENV	Max	-0.19	0.	0.
260	260	508	SLU_ENV	Max	-0.19	0.	0.
260	260	509	SLU_ENV	Max	-0.19	0.	0.
260	260	491	SLU_ENV	Min	-22.18	0.	0.
260	260	490	SLU_ENV	Min	-22.18	0.	0.
260	260	508	SLU_ENV	Min	-22.18	0.	0.
260	260	509	SLU_ENV	Min	-22.18	0.	0.
260	260	491	SLV_Ex		-183.32	183.33	-90.505
260	260	490	SLV_Ex		-183.32	183.33	-90.505
260	260	508	SLV_Ex		-183.32	183.33	-90.505
260	260	509	SLV_Ex		-183.32	183.33	-90.505
261	261	509	SLU_ENV	Max	-0.52	0.	0.
261	261	508	SLU_ENV	Max	-0.52	0.	0.
261	261	526	SLU_ENV	Max	-0.52	0.	0.
261	261	527	SLU_ENV	Max	-0.52	0.	0.
261	261	509	SLU_ENV	Min	-22.32	0.	0.
261	261	508	SLU_ENV	Min	-22.32	0.	0.
261	261	526	SLU_ENV	Min	-22.32	0.	0.
261	261	527	SLU_ENV	Min	-22.32	0.	0.
261	261	509	SLV_Ex		-179.71	179.71	-90.071
261	261	508	SLV_Ex		-179.71	179.71	-90.071
261	261	526	SLV_Ex		-179.71	179.71	-90.071
261	261	527	SLV_Ex		-179.71	179.71	-90.071
262	262	747	SLU_ENV	Max	0.22	0.	0.
262	262	746	SLU_ENV	Max	0.22	0.	0.
262	262	730	SLU_ENV	Max	0.22	0.	0.
262	262	731	SLU_ENV	Max	0.22	0.	0.
262	262	747	SLU_ENV	Min	-39.81	0.	0.
262	262	746	SLU_ENV	Min	-39.81	0.	0.
262	262	730	SLU_ENV	Min	-39.81	0.	0.
262	262	731	SLU_ENV	Min	-39.81	0.	0.
262	262	747	SLV_Ex		-173.4	173.41	-89.369

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
262	262	746	SLV_Ex		-173.4	173.41	-89.369
262	262	730	SLV_Ex		-173.4	173.41	-89.369
262	262	731	SLV_Ex		-173.4	173.41	-89.369
263	263	731	SLU_ENV	Max	-0.11	0.	0.
263	263	730	SLU_ENV	Max	-0.11	0.	0.
263	263	714	SLU_ENV	Max	-0.11	0.	0.
263	263	715	SLU_ENV	Max	-0.11	0.	0.
263	263	731	SLU_ENV	Min	-41.71	0.	0.
263	263	730	SLU_ENV	Min	-41.71	0.	0.
263	263	714	SLU_ENV	Min	-41.71	0.	0.
263	263	715	SLU_ENV	Min	-41.71	0.	0.
263	263	731	SLV_Ex		-177.35	177.38	-89.035
263	263	730	SLV_Ex		-177.35	177.38	-89.035
263	263	714	SLV_Ex		-177.35	177.38	-89.035
263	263	715	SLV_Ex		-177.35	177.38	-89.035
264	264	715	SLU_ENV	Max	-0.34	0.	0.
264	264	714	SLU_ENV	Max	-0.34	0.	0.
264	264	327	SLU_ENV	Max	-0.34	0.	0.
264	264	328	SLU_ENV	Max	-0.34	0.	0.
264	264	715	SLU_ENV	Min	-42.37	0.	0.
264	264	714	SLU_ENV	Min	-42.37	0.	0.
264	264	327	SLU_ENV	Min	-42.37	0.	0.
264	264	328	SLU_ENV	Min	-42.37	0.	0.
264	264	715	SLV_Ex		-179.8	179.81	-89.209
264	264	714	SLV_Ex		-179.8	179.81	-89.209
264	264	327	SLV_Ex		-179.8	179.81	-89.209
264	264	328	SLV_Ex		-179.8	179.81	-89.209
265	265	328	SLU_ENV	Max	-0.36	0.	0.
265	265	327	SLU_ENV	Max	-0.36	0.	0.
265	265	345	SLU_ENV	Max	-0.36	0.	0.
265	265	346	SLU_ENV	Max	-0.36	0.	0.
265	265	328	SLU_ENV	Min	-40.9	0.	0.
265	265	327	SLU_ENV	Min	-40.9	0.	0.
265	265	345	SLU_ENV	Min	-40.9	0.	0.
265	265	346	SLU_ENV	Min	-40.9	0.	0.
265	265	328	SLV_Ex		-179.87	179.87	-89.605
265	265	327	SLV_Ex		-179.87	179.87	-89.605
265	265	345	SLV_Ex		-179.87	179.87	-89.605
265	265	346	SLV_Ex		-179.87	179.87	-89.605
266	266	346	SLU_ENV	Max	-0.29	0.	0.
266	266	345	SLU_ENV	Max	-0.29	0.	0.
266	266	363	SLU_ENV	Max	-0.29	0.	0.
266	266	364	SLU_ENV	Max	-0.29	0.	0.
266	266	346	SLU_ENV	Min	-38.16	0.	0.
266	266	345	SLU_ENV	Min	-38.16	0.	0.
266	266	363	SLU_ENV	Min	-38.16	0.	0.
266	266	364	SLU_ENV	Min	-38.16	0.	0.
266	266	346	SLV_Ex		-179.09	179.09	-89.884
266	266	345	SLV_Ex		-179.09	179.09	-89.884
266	266	363	SLV_Ex		-179.09	179.09	-89.884
266	266	364	SLV_Ex		-179.09	179.09	-89.884
267	267	364	SLU_ENV	Max	-0.2	0.	0.
267	267	363	SLU_ENV	Max	-0.2	0.	0.
267	267	381	SLU_ENV	Max	-0.2	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
267	267	382	SLU_ENV	Max	-0.2	0.	0.
267	267	364	SLU_ENV	Min	-35.1	0.	0.
267	267	363	SLU_ENV	Min	-35.1	0.	0.
267	267	381	SLU_ENV	Min	-35.1	0.	0.
267	267	382	SLU_ENV	Min	-35.1	0.	0.
267	267	364	SLV_Ex		-178.22	178.22	-89.999
267	267	363	SLV_Ex		-178.22	178.22	-89.999
267	267	381	SLV_Ex		-178.22	178.22	-89.999
267	267	382	SLV_Ex		-178.22	178.22	-89.999
268	268	382	SLU_ENV	Max	-0.14	0.	0.
268	268	381	SLU_ENV	Max	-0.14	0.	0.
268	268	399	SLU_ENV	Max	-0.14	0.	0.
268	268	400	SLU_ENV	Max	-0.14	0.	0.
268	268	382	SLU_ENV	Min	-32.16	0.	0.
268	268	381	SLU_ENV	Min	-32.16	0.	0.
268	268	399	SLU_ENV	Min	-32.16	0.	0.
268	268	400	SLU_ENV	Min	-32.16	0.	0.
268	268	382	SLV_Ex		-177.59	177.59	-90.036
268	268	381	SLV_Ex		-177.59	177.59	-90.036
268	268	399	SLV_Ex		-177.59	177.59	-90.036
268	268	400	SLV_Ex		-177.59	177.59	-90.036
269	269	400	SLU_ENV	Max	-0.13	0.	0.
269	269	399	SLU_ENV	Max	-0.13	0.	0.
269	269	417	SLU_ENV	Max	-0.13	0.	0.
269	269	418	SLU_ENV	Max	-0.13	0.	0.
269	269	400	SLU_ENV	Min	-29.53	0.	0.
269	269	399	SLU_ENV	Min	-29.53	0.	0.
269	269	417	SLU_ENV	Min	-29.53	0.	0.
269	269	418	SLU_ENV	Min	-29.53	0.	0.
269	269	400	SLV_Ex		-177.25	177.25	-90.035
269	269	399	SLV_Ex		-177.25	177.25	-90.035
269	269	417	SLV_Ex		-177.25	177.25	-90.035
269	269	418	SLV_Ex		-177.25	177.25	-90.035
270	270	418	SLU_ENV	Max	-0.15	0.	0.
270	270	417	SLU_ENV	Max	-0.15	0.	0.
270	270	435	SLU_ENV	Max	-0.15	0.	0.
270	270	436	SLU_ENV	Max	-0.15	0.	0.
270	270	418	SLU_ENV	Min	-27.27	0.	0.
270	270	417	SLU_ENV	Min	-27.27	0.	0.
270	270	435	SLU_ENV	Min	-27.27	0.	0.
270	270	436	SLU_ENV	Min	-27.27	0.	0.
270	270	418	SLV_Ex		-177.22	177.22	-90.049
270	270	417	SLV_Ex		-177.22	177.22	-90.049
270	270	435	SLV_Ex		-177.22	177.22	-90.049
270	270	436	SLV_Ex		-177.22	177.22	-90.049
271	271	436	SLU_ENV	Max	-0.21	0.	0.
271	271	435	SLU_ENV	Max	-0.21	0.	0.
271	271	453	SLU_ENV	Max	-0.21	0.	0.
271	271	454	SLU_ENV	Max	-0.21	0.	0.
271	271	436	SLU_ENV	Min	-25.5	0.	0.
271	271	435	SLU_ENV	Min	-25.5	0.	0.
271	271	453	SLU_ENV	Min	-25.5	0.	0.
271	271	454	SLU_ENV	Min	-25.5	0.	0.
271	271	436	SLV_Ex		-177.45	177.45	-90.112

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
271	271	435	SLV_Ex		-177.45	177.45	-90.112
271	271	453	SLV_Ex		-177.45	177.45	-90.112
271	271	454	SLV_Ex		-177.45	177.45	-90.112
272	272	454	SLU_ENV	Max	-0.28	0.	0.
272	272	453	SLU_ENV	Max	-0.28	0.	0.
272	272	471	SLU_ENV	Max	-0.28	0.	0.
272	272	472	SLU_ENV	Max	-0.28	0.	0.
272	272	454	SLU_ENV	Min	-24.17	0.	0.
272	272	453	SLU_ENV	Min	-24.17	0.	0.
272	272	471	SLU_ENV	Min	-24.17	0.	0.
272	272	472	SLU_ENV	Min	-24.17	0.	0.
272	272	454	SLV_Ex		-177.78	177.78	-90.318
272	272	453	SLV_Ex		-177.78	177.78	-90.318
272	272	471	SLV_Ex		-177.78	177.78	-90.318
272	272	472	SLV_Ex		-177.78	177.78	-90.318
273	273	472	SLU_ENV	Max	-0.3	0.	0.
273	273	471	SLU_ENV	Max	-0.3	0.	0.
273	273	489	SLU_ENV	Max	-0.3	0.	0.
273	273	490	SLU_ENV	Max	-0.3	0.	0.
273	273	472	SLU_ENV	Min	-23.08	0.	0.
273	273	471	SLU_ENV	Min	-23.08	0.	0.
273	273	489	SLU_ENV	Min	-23.08	0.	0.
273	273	490	SLU_ENV	Min	-23.08	0.	0.
273	273	472	SLV_Ex		-177.55	177.56	-90.74
273	273	471	SLV_Ex		-177.55	177.56	-90.74
273	273	489	SLV_Ex		-177.55	177.56	-90.74
273	273	490	SLV_Ex		-177.55	177.56	-90.74
274	274	490	SLU_ENV	Max	-7.958E-02	0.	0.
274	274	489	SLU_ENV	Max	-7.958E-02	0.	0.
274	274	507	SLU_ENV	Max	-7.958E-02	0.	0.
274	274	508	SLU_ENV	Max	-7.958E-02	0.	0.
274	274	490	SLU_ENV	Min	-21.51	0.	0.
274	274	489	SLU_ENV	Min	-21.51	0.	0.
274	274	507	SLU_ENV	Min	-21.51	0.	0.
274	274	508	SLU_ENV	Min	-21.51	0.	0.
274	274	490	SLV_Ex		-174.81	174.84	-91.081
274	274	489	SLV_Ex		-174.81	174.84	-91.081
274	274	507	SLV_Ex		-174.81	174.84	-91.081
274	274	508	SLV_Ex		-174.81	174.84	-91.081
275	275	508	SLU_ENV	Max	0.32	0.	0.
275	275	507	SLU_ENV	Max	0.32	0.	0.
275	275	525	SLU_ENV	Max	0.32	0.	0.
275	275	526	SLU_ENV	Max	0.32	0.	0.
275	275	508	SLU_ENV	Min	-19.57	0.	0.
275	275	507	SLU_ENV	Min	-19.57	0.	0.
275	275	525	SLU_ENV	Min	-19.57	0.	0.
275	275	526	SLU_ENV	Min	-19.57	0.	0.
275	275	508	SLV_Ex		-169.82	169.84	-90.801
275	275	507	SLV_Ex		-169.82	169.84	-90.801
275	275	525	SLV_Ex		-169.82	169.84	-90.801
275	275	526	SLV_Ex		-169.82	169.84	-90.801
276	276	746	SLU_ENV	Max	1.45	0.	0.
276	276	764	SLU_ENV	Max	1.45	0.	0.
276	276	763	SLU_ENV	Max	1.45	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
276	276	730	SLU_ENV	Max	1.45	0.	0.
276	276	746	SLU_ENV	Min	-34.25	0.	0.
276	276	764	SLU_ENV	Min	-34.25	0.	0.
276	276	763	SLU_ENV	Min	-34.25	0.	0.
276	276	730	SLU_ENV	Min	-34.25	0.	0.
276	276	746	SLV_Ex		-160.47	160.58	-87.886
276	276	764	SLV_Ex		-160.47	160.58	-87.886
276	276	763	SLV_Ex		-160.47	160.58	-87.886
276	276	730	SLV_Ex		-160.47	160.58	-87.886
277	277	730	SLU_ENV	Max	-3.716E-02	0.	0.
277	277	763	SLU_ENV	Max	-3.716E-02	0.	0.
277	277	762	SLU_ENV	Max	-3.716E-02	0.	0.
277	277	714	SLU_ENV	Max	-3.716E-02	0.	0.
277	277	730	SLU_ENV	Min	-42.66	0.	0.
277	277	763	SLU_ENV	Min	-42.66	0.	0.
277	277	762	SLU_ENV	Min	-42.66	0.	0.
277	277	714	SLU_ENV	Min	-42.66	0.	0.
277	277	730	SLV_Ex		-169.8	170.01	-87.146
277	277	763	SLV_Ex		-169.8	170.01	-87.146
277	277	762	SLV_Ex		-169.8	170.01	-87.146
277	277	714	SLV_Ex		-169.8	170.01	-87.146
278	278	714	SLU_ENV	Max	-0.81	0.	0.
278	278	762	SLU_ENV	Max	-0.81	0.	0.
278	278	326	SLU_ENV	Max	-0.81	0.	0.
278	278	327	SLU_ENV	Max	-0.81	0.	0.
278	278	714	SLU_ENV	Min	-45.95	0.	0.
278	278	762	SLU_ENV	Min	-45.95	0.	0.
278	278	326	SLU_ENV	Min	-45.95	0.	0.
278	278	327	SLU_ENV	Min	-45.95	0.	0.
278	278	714	SLV_Ex		-173.82	173.86	-88.831
278	278	762	SLV_Ex		-173.82	173.86	-88.831
278	278	326	SLV_Ex		-173.82	173.86	-88.831
278	278	327	SLV_Ex		-173.82	173.86	-88.831
279	279	327	SLU_ENV	Max	-0.77	0.	0.
279	279	326	SLU_ENV	Max	-0.77	0.	0.
279	279	344	SLU_ENV	Max	-0.77	0.	0.
279	279	345	SLU_ENV	Max	-0.77	0.	0.
279	279	327	SLU_ENV	Min	-43.77	0.	0.
279	279	326	SLU_ENV	Min	-43.77	0.	0.
279	279	344	SLU_ENV	Min	-43.77	0.	0.
279	279	345	SLU_ENV	Min	-43.77	0.	0.
279	279	327	SLV_Ex		-173.16	173.16	-89.878
279	279	326	SLV_Ex		-173.16	173.16	-89.878
279	279	344	SLV_Ex		-173.16	173.16	-89.878
279	279	345	SLV_Ex		-173.16	173.16	-89.878
280	280	345	SLU_ENV	Max	-0.51	0.	0.
280	280	344	SLU_ENV	Max	-0.51	0.	0.
280	280	362	SLU_ENV	Max	-0.51	0.	0.
280	280	363	SLU_ENV	Max	-0.51	0.	0.
280	280	345	SLU_ENV	Min	-39.74	0.	0.
280	280	344	SLU_ENV	Min	-39.74	0.	0.
280	280	362	SLU_ENV	Min	-39.74	0.	0.
280	280	363	SLU_ENV	Min	-39.74	0.	0.
280	280	345	SLV_Ex		-171.42	171.42	-90.228

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
280	280	344	SLV_Ex		-171.42	171.42	-90.228
280	280	362	SLV_Ex		-171.42	171.42	-90.228
280	280	363	SLV_Ex		-171.42	171.42	-90.228
281	281	363	SLU_ENV	Max	-0.31	0.	0.
281	281	362	SLU_ENV	Max	-0.31	0.	0.
281	281	380	SLU_ENV	Max	-0.31	0.	0.
281	281	381	SLU_ENV	Max	-0.31	0.	0.
281	281	363	SLU_ENV	Min	-35.74	0.	0.
281	281	362	SLU_ENV	Min	-35.74	0.	0.
281	281	380	SLU_ENV	Min	-35.74	0.	0.
281	281	381	SLU_ENV	Min	-35.74	0.	0.
281	281	363	SLV_Ex		-170.08	170.08	-90.262
281	281	362	SLV_Ex		-170.08	170.08	-90.262
281	281	380	SLV_Ex		-170.08	170.08	-90.262
281	281	381	SLV_Ex		-170.08	170.08	-90.262
282	282	381	SLU_ENV	Max	-0.21	0.	0.
282	282	380	SLU_ENV	Max	-0.21	0.	0.
282	282	398	SLU_ENV	Max	-0.21	0.	0.
282	282	399	SLU_ENV	Max	-0.21	0.	0.
282	282	381	SLU_ENV	Min	-32.28	0.	0.
282	282	380	SLU_ENV	Min	-32.28	0.	0.
282	282	398	SLU_ENV	Min	-32.28	0.	0.
282	282	399	SLU_ENV	Min	-32.28	0.	0.
282	282	381	SLV_Ex		-169.28	169.28	-90.191
282	282	380	SLV_Ex		-169.28	169.28	-90.191
282	282	398	SLV_Ex		-169.28	169.28	-90.191
282	282	399	SLV_Ex		-169.28	169.28	-90.191
283	283	399	SLU_ENV	Max	-0.18	0.	0.
283	283	398	SLU_ENV	Max	-0.18	0.	0.
283	283	416	SLU_ENV	Max	-0.18	0.	0.
283	283	417	SLU_ENV	Max	-0.18	0.	0.
283	283	399	SLU_ENV	Min	-29.37	0.	0.
283	283	398	SLU_ENV	Min	-29.37	0.	0.
283	283	416	SLU_ENV	Min	-29.37	0.	0.
283	283	417	SLU_ENV	Min	-29.37	0.	0.
283	283	399	SLV_Ex		-168.91	168.91	-90.102
283	283	398	SLV_Ex		-168.91	168.91	-90.102
283	283	416	SLV_Ex		-168.91	168.91	-90.102
283	283	417	SLV_Ex		-168.91	168.91	-90.102
284	284	417	SLU_ENV	Max	-0.24	0.	0.
284	284	416	SLU_ENV	Max	-0.24	0.	0.
284	284	434	SLU_ENV	Max	-0.24	0.	0.
284	284	435	SLU_ENV	Max	-0.24	0.	0.
284	284	417	SLU_ENV	Min	-27.04	0.	0.
284	284	416	SLU_ENV	Min	-27.04	0.	0.
284	284	434	SLU_ENV	Min	-27.04	0.	0.
284	284	435	SLU_ENV	Min	-27.04	0.	0.
284	284	417	SLV_Ex		-168.95	168.95	-90.008
284	284	416	SLV_Ex		-168.95	168.95	-90.008
284	284	434	SLV_Ex		-168.95	168.95	-90.008
284	284	435	SLV_Ex		-168.95	168.95	-90.008
285	285	435	SLU_ENV	Max	-0.39	0.	0.
285	285	434	SLU_ENV	Max	-0.39	0.	0.
285	285	452	SLU_ENV	Max	-0.39	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
285	285	453	SLU_ENV	Max	-0.39	0.	0.
285	285	435	SLU_ENV	Min	-25.4	0.	0.
285	285	434	SLU_ENV	Min	-25.4	0.	0.
285	285	452	SLU_ENV	Min	-25.4	0.	0.
285	285	453	SLU_ENV	Min	-25.4	0.	0.
285	285	435	SLV_Ex		-169.51	169.51	-89.97
285	285	434	SLV_Ex		-169.51	169.51	-89.97
285	285	452	SLV_Ex		-169.51	169.51	-89.97
285	285	453	SLV_Ex		-169.51	169.51	-89.97
286	286	453	SLU_ENV	Max	-0.63	0.	0.
286	286	452	SLU_ENV	Max	-0.63	0.	0.
286	286	470	SLU_ENV	Max	-0.63	0.	0.
286	286	471	SLU_ENV	Max	-0.63	0.	0.
286	286	453	SLU_ENV	Min	-24.5	0.	0.
286	286	452	SLU_ENV	Min	-24.5	0.	0.
286	286	470	SLU_ENV	Min	-24.5	0.	0.
286	286	471	SLU_ENV	Min	-24.5	0.	0.
286	286	453	SLV_Ex		-170.65	170.65	-90.137
286	286	452	SLV_Ex		-170.65	170.65	-90.137
286	286	470	SLV_Ex		-170.65	170.65	-90.137
286	286	471	SLV_Ex		-170.65	170.65	-90.137
287	287	471	SLU_ENV	Max	-0.79	0.	0.
287	287	470	SLU_ENV	Max	-0.79	0.	0.
287	287	488	SLU_ENV	Max	-0.79	0.	0.
287	287	489	SLU_ENV	Max	-0.79	0.	0.
287	287	471	SLU_ENV	Min	-23.89	0.	0.
287	287	470	SLU_ENV	Min	-23.89	0.	0.
287	287	488	SLU_ENV	Min	-23.89	0.	0.
287	287	489	SLU_ENV	Min	-23.89	0.	0.
287	287	471	SLV_Ex		-171.43	171.45	-90.936
287	287	470	SLV_Ex		-171.43	171.45	-90.936
287	287	488	SLV_Ex		-171.43	171.45	-90.936
287	287	489	SLV_Ex		-171.43	171.45	-90.936
288	288	489	SLU_ENV	Max	-0.17	0.	0.
288	288	488	SLU_ENV	Max	-0.17	0.	0.
288	288	506	SLU_ENV	Max	-0.17	0.	0.
288	288	507	SLU_ENV	Max	-0.17	0.	0.
288	288	489	SLU_ENV	Min	-21.28	0.	0.
288	288	488	SLU_ENV	Min	-21.28	0.	0.
288	288	506	SLU_ENV	Min	-21.28	0.	0.
288	288	507	SLU_ENV	Min	-21.28	0.	0.
288	288	489	SLV_Ex		-167.9	168.1	-92.847
288	288	488	SLV_Ex		-167.9	168.1	-92.847
288	288	506	SLV_Ex		-167.9	168.1	-92.847
288	288	507	SLV_Ex		-167.9	168.1	-92.847
289	289	507	SLU_ENV	Max	1.55	0.	0.
289	289	506	SLU_ENV	Max	1.55	0.	0.
289	289	524	SLU_ENV	Max	1.55	0.	0.
289	289	525	SLU_ENV	Max	1.55	0.	0.
289	289	507	SLU_ENV	Min	-15.21	0.	0.
289	289	506	SLU_ENV	Min	-15.21	0.	0.
289	289	524	SLU_ENV	Min	-15.21	0.	0.
289	289	525	SLU_ENV	Min	-15.21	0.	0.
289	289	507	SLV_Ex		-156.7	156.89	-92.789

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
289	289	506	SLV_Ex		-156.7	156.89	-92.789
289	289	524	SLV_Ex		-156.7	156.89	-92.789
289	289	525	SLV_Ex		-156.7	156.89	-92.789
290	290	764	SLU_ENV	Max	5.	0.	0.
290	290	975	SLU_ENV	Max	5.	0.	0.
290	290	974	SLU_ENV	Max	5.	0.	0.
290	290	763	SLU_ENV	Max	5.	0.	0.
290	290	764	SLU_ENV	Min	-15.68	0.	0.
290	290	975	SLU_ENV	Min	-15.68	0.	0.
290	290	974	SLU_ENV	Min	-15.68	0.	0.
290	290	763	SLU_ENV	Min	-15.68	0.	0.
290	290	764	SLV_Ex		-133.77	142.44	-69.909
290	290	975	SLV_Ex		-133.77	142.44	-69.909
290	290	974	SLV_Ex		-133.77	142.44	-69.909
290	290	763	SLV_Ex		-133.77	142.44	-69.909
291	291	763	SLU_ENV	Max	-1.66	0.	0.
291	291	974	SLU_ENV	Max	-1.66	0.	0.
291	291	780	SLU_ENV	Max	-1.66	0.	0.
291	291	762	SLU_ENV	Max	-1.66	0.	0.
291	291	763	SLU_ENV	Min	-54.5	0.	0.
291	291	974	SLU_ENV	Min	-54.5	0.	0.
291	291	780	SLU_ENV	Min	-54.5	0.	0.
291	291	762	SLU_ENV	Min	-54.5	0.	0.
291	291	763	SLV_Ex		-173.31	173.98	-84.97
291	291	974	SLV_Ex		-173.31	173.98	-84.97
291	291	780	SLV_Ex		-173.31	173.98	-84.97
291	291	762	SLV_Ex		-173.31	173.98	-84.97
292	292	762	SLU_ENV	Max	-2.05	0.	0.
292	292	780	SLU_ENV	Max	-2.05	0.	0.
292	292	779	SLU_ENV	Max	-2.05	0.	0.
292	292	326	SLU_ENV	Max	-2.05	0.	0.
292	292	762	SLU_ENV	Min	-54.63	0.	0.
292	292	780	SLU_ENV	Min	-54.63	0.	0.
292	292	779	SLU_ENV	Min	-54.63	0.	0.
292	292	326	SLU_ENV	Min	-54.63	0.	0.
292	292	762	SLV_Ex		-172.22	172.22	-89.975
292	292	780	SLV_Ex		-172.22	172.22	-89.975
292	292	779	SLV_Ex		-172.22	172.22	-89.975
292	292	326	SLV_Ex		-172.22	172.22	-89.975
293	293	326	SLU_ENV	Max	-1.28	0.	0.
293	293	779	SLU_ENV	Max	-1.28	0.	0.
293	293	806	SLU_ENV	Max	-1.28	0.	0.
293	293	344	SLU_ENV	Max	-1.28	0.	0.
293	293	326	SLU_ENV	Min	-47.61	0.	0.
293	293	779	SLU_ENV	Min	-47.61	0.	0.
293	293	806	SLU_ENV	Min	-47.61	0.	0.
293	293	344	SLU_ENV	Min	-47.61	0.	0.
293	293	326	SLV_Ex		-166.79	166.81	-90.847
293	293	779	SLV_Ex		-166.79	166.81	-90.847
293	293	806	SLV_Ex		-166.79	166.81	-90.847
293	293	344	SLV_Ex		-166.79	166.81	-90.847
294	294	344	SLU_ENV	Max	-0.69	0.	0.
294	294	806	SLU_ENV	Max	-0.69	0.	0.
294	294	821	SLU_ENV	Max	-0.69	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
294	294	362	SLU_ENV	Max	-0.69	0.	0.
294	294	344	SLU_ENV	Min	-41.1	0.	0.
294	294	806	SLU_ENV	Min	-41.1	0.	0.
294	294	821	SLU_ENV	Min	-41.1	0.	0.
294	294	362	SLU_ENV	Min	-41.1	0.	0.
294	294	344	SLV_Ex		-163.27	163.28	-90.84
294	294	806	SLV_Ex		-163.27	163.28	-90.84
294	294	821	SLV_Ex		-163.27	163.28	-90.84
294	294	362	SLV_Ex		-163.27	163.28	-90.84
295	295	362	SLU_ENV	Max	-0.35	0.	0.
295	295	821	SLU_ENV	Max	-0.35	0.	0.
295	295	836	SLU_ENV	Max	-0.35	0.	0.
295	295	380	SLU_ENV	Max	-0.35	0.	0.
295	295	362	SLU_ENV	Min	-35.97	0.	0.
295	295	821	SLU_ENV	Min	-35.97	0.	0.
295	295	836	SLU_ENV	Min	-35.97	0.	0.
295	295	380	SLU_ENV	Min	-35.97	0.	0.
295	295	362	SLV_Ex		-161.52	161.53	-90.626
295	295	821	SLV_Ex		-161.52	161.53	-90.626
295	295	836	SLV_Ex		-161.52	161.53	-90.626
295	295	380	SLV_Ex		-161.52	161.53	-90.626
296	296	380	SLU_ENV	Max	-0.21	0.	0.
296	296	836	SLU_ENV	Max	-0.21	0.	0.
296	296	851	SLU_ENV	Max	-0.21	0.	0.
296	296	398	SLU_ENV	Max	-0.21	0.	0.
296	296	380	SLU_ENV	Min	-31.93	0.	0.
296	296	836	SLU_ENV	Min	-31.93	0.	0.
296	296	851	SLU_ENV	Min	-31.93	0.	0.
296	296	398	SLU_ENV	Min	-31.93	0.	0.
296	296	380	SLV_Ex		-160.65	160.65	-90.37
296	296	836	SLV_Ex		-160.65	160.65	-90.37
296	296	851	SLV_Ex		-160.65	160.65	-90.37
296	296	398	SLV_Ex		-160.65	160.65	-90.37
297	297	398	SLU_ENV	Max	-0.18	0.	0.
297	297	851	SLU_ENV	Max	-0.18	0.	0.
297	297	866	SLU_ENV	Max	-0.18	0.	0.
297	297	416	SLU_ENV	Max	-0.18	0.	0.
297	297	398	SLU_ENV	Min	-28.77	0.	0.
297	297	851	SLU_ENV	Min	-28.77	0.	0.
297	297	866	SLU_ENV	Min	-28.77	0.	0.
297	297	416	SLU_ENV	Min	-28.77	0.	0.
297	297	398	SLV_Ex		-160.26	160.26	-90.188
297	297	851	SLV_Ex		-160.26	160.26	-90.188
297	297	866	SLV_Ex		-160.26	160.26	-90.188
297	297	416	SLV_Ex		-160.26	160.26	-90.188
298	298	416	SLU_ENV	Max	-0.26	0.	0.
298	298	866	SLU_ENV	Max	-0.26	0.	0.
298	298	881	SLU_ENV	Max	-0.26	0.	0.
298	298	434	SLU_ENV	Max	-0.26	0.	0.
298	298	416	SLU_ENV	Min	-26.29	0.	0.
298	298	866	SLU_ENV	Min	-26.29	0.	0.
298	298	881	SLU_ENV	Min	-26.29	0.	0.
298	298	434	SLU_ENV	Min	-26.29	0.	0.
298	298	416	SLV_Ex		-160.32	160.33	-89.928

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
298	298	866	SLV_Ex		-160.32	160.33	-89.928
298	298	881	SLV_Ex		-160.32	160.33	-89.928
298	298	434	SLV_Ex		-160.32	160.33	-89.928
299	299	434	SLU_ENV	Max	-0.49	0.	0.
299	299	881	SLU_ENV	Max	-0.49	0.	0.
299	299	896	SLU_ENV	Max	-0.49	0.	0.
299	299	452	SLU_ENV	Max	-0.49	0.	0.
299	299	434	SLU_ENV	Min	-24.67	0.	0.
299	299	881	SLU_ENV	Min	-24.67	0.	0.
299	299	896	SLU_ENV	Min	-24.67	0.	0.
299	299	452	SLU_ENV	Min	-24.67	0.	0.
299	299	434	SLV_Ex		-161.02	161.02	-89.684
299	299	881	SLV_Ex		-161.02	161.02	-89.684
299	299	896	SLV_Ex		-161.02	161.02	-89.684
299	299	452	SLV_Ex		-161.02	161.02	-89.684
300	300	452	SLU_ENV	Max	-0.96	0.	0.
300	300	896	SLU_ENV	Max	-0.96	0.	0.
300	300	911	SLU_ENV	Max	-0.96	0.	0.
300	300	470	SLU_ENV	Max	-0.96	0.	0.
300	300	452	SLU_ENV	Min	-24.39	0.	0.
300	300	896	SLU_ENV	Min	-24.39	0.	0.
300	300	911	SLU_ENV	Min	-24.39	0.	0.
300	300	470	SLU_ENV	Min	-24.39	0.	0.
300	300	452	SLV_Ex		-163.28	163.29	-89.438
300	300	896	SLV_Ex		-163.28	163.29	-89.438
300	300	911	SLV_Ex		-163.28	163.29	-89.438
300	300	470	SLV_Ex		-163.28	163.29	-89.438
301	301	470	SLU_ENV	Max	-1.78	0.	0.
301	301	911	SLU_ENV	Max	-1.78	0.	0.
301	301	926	SLU_ENV	Max	-1.78	0.	0.
301	301	488	SLU_ENV	Max	-1.78	0.	0.
301	301	470	SLU_ENV	Min	-25.88	0.	0.
301	301	911	SLU_ENV	Min	-25.88	0.	0.
301	301	926	SLU_ENV	Min	-25.88	0.	0.
301	301	488	SLU_ENV	Min	-25.88	0.	0.
301	301	470	SLV_Ex		-168.13	168.13	-89.933
301	301	911	SLV_Ex		-168.13	168.13	-89.933
301	301	926	SLV_Ex		-168.13	168.13	-89.933
301	301	488	SLV_Ex		-168.13	168.13	-89.933
302	302	488	SLU_ENV	Max	-1.84	0.	0.
302	302	926	SLU_ENV	Max	-1.84	0.	0.
302	302	941	SLU_ENV	Max	-1.84	0.	0.
302	302	506	SLU_ENV	Max	-1.84	0.	0.
302	302	488	SLU_ENV	Min	-26.12	0.	0.
302	302	926	SLU_ENV	Min	-26.12	0.	0.
302	302	941	SLU_ENV	Min	-26.12	0.	0.
302	302	506	SLU_ENV	Min	-26.12	0.	0.
302	302	488	SLV_Ex		-171.19	171.65	-94.183
302	302	926	SLV_Ex		-171.19	171.65	-94.183
302	302	941	SLV_Ex		-171.19	171.65	-94.183
302	302	506	SLV_Ex		-171.19	171.65	-94.183
303	303	506	SLU_ENV	Max	4.72	0.	0.
303	303	941	SLU_ENV	Max	4.72	0.	0.
303	303	956	SLU_ENV	Max	4.72	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
303	303	524	SLU_ENV	Max	4.72	0.	0.
303	303	506	SLU_ENV	Min	-4.31	0.	0.
303	303	941	SLU_ENV	Min	-4.31	0.	0.
303	303	956	SLU_ENV	Min	-4.31	0.	0.
303	303	524	SLU_ENV	Min	-4.31	0.	0.
303	303	506	SLV_Ex		-131.62	139.89	-109.795
303	303	941	SLV_Ex		-131.62	139.89	-109.795
303	303	956	SLV_Ex		-131.62	139.89	-109.795
303	303	524	SLV_Ex		-131.62	139.89	-109.795
431	431	583	SLU_ENV	Max	13.78	0.	0.
431	431	287	SLU_ENV	Max	13.78	0.	0.
431	431	288	SLU_ENV	Max	13.78	0.	0.
431	431	565	SLU_ENV	Max	13.78	0.	0.
431	431	583	SLU_ENV	Min	2.22	0.	0.
431	431	287	SLU_ENV	Min	2.22	0.	0.
431	431	288	SLU_ENV	Min	2.22	0.	0.
431	431	565	SLU_ENV	Min	2.22	0.	0.
431	431	583	SLV_Ex		-25.48	238.98	-6.121
431	431	287	SLV_Ex		-25.48	238.98	-6.121
431	431	288	SLV_Ex		-25.48	238.98	-6.121
431	431	565	SLV_Ex		-25.48	238.98	-6.121
432	432	287	SLU_ENV	Max	2.58	0.	0.
432	432	289	SLU_ENV	Max	2.58	0.	0.
432	432	290	SLU_ENV	Max	2.58	0.	0.
432	432	288	SLU_ENV	Max	2.58	0.	0.
432	432	287	SLU_ENV	Min	0.94	0.	0.
432	432	289	SLU_ENV	Min	0.94	0.	0.
432	432	290	SLU_ENV	Min	0.94	0.	0.
432	432	288	SLU_ENV	Min	0.94	0.	0.
432	432	287	SLV_Ex		-1.95	240.88	-0.463
432	432	289	SLV_Ex		-1.95	240.88	-0.463
432	432	290	SLV_Ex		-1.95	240.88	-0.463
432	432	288	SLV_Ex		-1.95	240.88	-0.463
433	433	289	SLU_ENV	Max	1.65	0.	0.
433	433	291	SLU_ENV	Max	1.65	0.	0.
433	433	292	SLU_ENV	Max	1.65	0.	0.
433	433	290	SLU_ENV	Max	1.65	0.	0.
433	433	289	SLU_ENV	Min	-0.76	0.	0.
433	433	291	SLU_ENV	Min	-0.76	0.	0.
433	433	292	SLU_ENV	Min	-0.76	0.	0.
433	433	290	SLU_ENV	Min	-0.76	0.	0.
433	433	289	SLV_Ex		-0.93	221.42	-0.24
433	433	291	SLV_Ex		-0.93	221.42	-0.24
433	433	292	SLV_Ex		-0.93	221.42	-0.24
433	433	290	SLV_Ex		-0.93	221.42	-0.24
434	434	291	SLU_ENV	Max	1.61	0.	0.
434	434	293	SLU_ENV	Max	1.61	0.	0.
434	434	294	SLU_ENV	Max	1.61	0.	0.
434	434	292	SLU_ENV	Max	1.61	0.	0.
434	434	291	SLU_ENV	Min	-1.22	0.	0.
434	434	293	SLU_ENV	Min	-1.22	0.	0.
434	434	294	SLU_ENV	Min	-1.22	0.	0.
434	434	292	SLU_ENV	Min	-1.22	0.	0.
434	434	291	SLV_Ex		0.35	191.42	0.106

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
434	434	293	SLV_Ex		0.35	191.42	0.106
434	434	294	SLV_Ex		0.35	191.42	0.106
434	434	292	SLV_Ex		0.35	191.42	0.106
435	435	293	SLU_ENV	Max	1.61	0.	0.
435	435	295	SLU_ENV	Max	1.61	0.	0.
435	435	296	SLU_ENV	Max	1.61	0.	0.
435	435	294	SLU_ENV	Max	1.61	0.	0.
435	435	293	SLU_ENV	Min	-1.22	0.	0.
435	435	295	SLU_ENV	Min	-1.22	0.	0.
435	435	296	SLU_ENV	Min	-1.22	0.	0.
435	435	294	SLU_ENV	Min	-1.22	0.	0.
435	435	293	SLV_Ex		1.01	151.54	0.383
435	435	295	SLV_Ex		1.01	151.54	0.383
435	435	296	SLV_Ex		1.01	151.54	0.383
435	435	294	SLV_Ex		1.01	151.54	0.383
436	436	295	SLU_ENV	Max	1.65	0.	0.
436	436	297	SLU_ENV	Max	1.65	0.	0.
436	436	298	SLU_ENV	Max	1.65	0.	0.
436	436	296	SLU_ENV	Max	1.65	0.	0.
436	436	295	SLU_ENV	Min	-0.76	0.	0.
436	436	297	SLU_ENV	Min	-0.76	0.	0.
436	436	298	SLU_ENV	Min	-0.76	0.	0.
436	436	296	SLU_ENV	Min	-0.76	0.	0.
436	436	295	SLV_Ex		2.22	97.18	1.307
436	436	297	SLV_Ex		2.22	97.18	1.307
436	436	298	SLV_Ex		2.22	97.18	1.307
436	436	296	SLV_Ex		2.22	97.18	1.307
437	437	297	SLU_ENV	Max	2.58	0.	0.
437	437	305	SLU_ENV	Max	2.58	0.	0.
437	437	306	SLU_ENV	Max	2.58	0.	0.
437	437	298	SLU_ENV	Max	2.58	0.	0.
437	437	297	SLU_ENV	Min	0.94	0.	0.
437	437	305	SLU_ENV	Min	0.94	0.	0.
437	437	306	SLU_ENV	Min	0.94	0.	0.
437	437	298	SLU_ENV	Min	0.94	0.	0.
437	437	297	SLV_Ex		3.86	19.35	11.508
437	437	305	SLV_Ex		3.86	19.35	11.508
437	437	306	SLV_Ex		3.86	19.35	11.508
437	437	298	SLV_Ex		3.86	19.35	11.508
438	438	305	SLU_ENV	Max	13.78	0.	0.
438	438	750	SLU_ENV	Max	13.78	0.	0.
438	438	734	SLU_ENV	Max	13.78	0.	0.
438	438	306	SLU_ENV	Max	13.78	0.	0.
438	438	305	SLU_ENV	Min	2.22	0.	0.
438	438	750	SLU_ENV	Min	2.22	0.	0.
438	438	734	SLU_ENV	Min	2.22	0.	0.
438	438	306	SLU_ENV	Min	2.22	0.	0.
438	438	305	SLV_Ex		27.27	105.32	164.995
438	438	750	SLV_Ex		27.27	105.32	164.995
438	438	734	SLV_Ex		27.27	105.32	164.995
438	438	306	SLV_Ex		27.27	105.32	164.995
439	439	565	SLU_ENV	Max	19.05	0.	0.
439	439	288	SLU_ENV	Max	19.05	0.	0.
439	439	307	SLU_ENV	Max	19.05	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
439	439	547	SLU_ENV	Max	19.05	0.	0.
439	439	565	SLU_ENV	Min	3.94	0.	0.
439	439	288	SLU_ENV	Min	3.94	0.	0.
439	439	307	SLU_ENV	Min	3.94	0.	0.
439	439	547	SLU_ENV	Min	3.94	0.	0.
439	439	565	SLV_Ex		-9.12	258.52	-2.021
439	439	288	SLV_Ex		-9.12	258.52	-2.021
439	439	307	SLV_Ex		-9.12	258.52	-2.021
439	439	547	SLV_Ex		-9.12	258.52	-2.021
440	440	288	SLU_ENV	Max	5.76	0.	0.
440	440	290	SLU_ENV	Max	5.76	0.	0.
440	440	308	SLU_ENV	Max	5.76	0.	0.
440	440	307	SLU_ENV	Max	5.76	0.	0.
440	440	288	SLU_ENV	Min	1.92	0.	0.
440	440	290	SLU_ENV	Min	1.92	0.	0.
440	440	308	SLU_ENV	Min	1.92	0.	0.
440	440	307	SLU_ENV	Min	1.92	0.	0.
440	440	288	SLV_Ex		-3.65	246.28	-0.849
440	440	290	SLV_Ex		-3.65	246.28	-0.849
440	440	308	SLV_Ex		-3.65	246.28	-0.849
440	440	307	SLV_Ex		-3.65	246.28	-0.849
441	441	290	SLU_ENV	Max	3.43	0.	0.
441	441	292	SLU_ENV	Max	3.43	0.	0.
441	441	309	SLU_ENV	Max	3.43	0.	0.
441	441	308	SLU_ENV	Max	3.43	0.	0.
441	441	290	SLU_ENV	Min	-1.58	0.	0.
441	441	292	SLU_ENV	Min	-1.58	0.	0.
441	441	309	SLU_ENV	Min	-1.58	0.	0.
441	441	308	SLU_ENV	Min	-1.58	0.	0.
441	441	290	SLV_Ex		-0.29	224.5	-0.073
441	441	292	SLV_Ex		-0.29	224.5	-0.073
441	441	309	SLV_Ex		-0.29	224.5	-0.073
441	441	308	SLV_Ex		-0.29	224.5	-0.073
442	442	292	SLU_ENV	Max	3.02	0.	0.
442	442	294	SLU_ENV	Max	3.02	0.	0.
442	442	310	SLU_ENV	Max	3.02	0.	0.
442	442	309	SLU_ENV	Max	3.02	0.	0.
442	442	292	SLU_ENV	Min	-3.08	0.	0.
442	442	294	SLU_ENV	Min	-3.08	0.	0.
442	442	310	SLU_ENV	Min	-3.08	0.	0.
442	442	309	SLU_ENV	Min	-3.08	0.	0.
442	442	292	SLV_Ex		0.58	193.49	0.171
442	442	294	SLV_Ex		0.58	193.49	0.171
442	442	310	SLV_Ex		0.58	193.49	0.171
442	442	309	SLV_Ex		0.58	193.49	0.171
443	443	294	SLU_ENV	Max	3.02	0.	0.
443	443	296	SLU_ENV	Max	3.02	0.	0.
443	443	311	SLU_ENV	Max	3.02	0.	0.
443	443	310	SLU_ENV	Max	3.02	0.	0.
443	443	294	SLU_ENV	Min	-3.08	0.	0.
443	443	296	SLU_ENV	Min	-3.08	0.	0.
443	443	311	SLU_ENV	Min	-3.08	0.	0.
443	443	310	SLU_ENV	Min	-3.08	0.	0.
443	443	294	SLV_Ex		1.95	153.45	0.728

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
443	443	296	SLV_Ex		1.95	153.45	0.728
443	443	311	SLV_Ex		1.95	153.45	0.728
443	443	310	SLV_Ex		1.95	153.45	0.728
444	444	296	SLU_ENV	Max	3.43	0.	0.
444	444	298	SLU_ENV	Max	3.43	0.	0.
444	444	312	SLU_ENV	Max	3.43	0.	0.
444	444	311	SLU_ENV	Max	3.43	0.	0.
444	444	296	SLU_ENV	Min	-1.58	0.	0.
444	444	298	SLU_ENV	Min	-1.58	0.	0.
444	444	312	SLU_ENV	Min	-1.58	0.	0.
444	444	311	SLU_ENV	Min	-1.58	0.	0.
444	444	296	SLV_Ex		3.31	99.74	1.904
444	444	298	SLV_Ex		3.31	99.74	1.904
444	444	312	SLV_Ex		3.31	99.74	1.904
444	444	311	SLV_Ex		3.31	99.74	1.904
445	445	298	SLU_ENV	Max	5.76	0.	0.
445	445	306	SLU_ENV	Max	5.76	0.	0.
445	445	313	SLU_ENV	Max	5.76	0.	0.
445	445	312	SLU_ENV	Max	5.76	0.	0.
445	445	298	SLU_ENV	Min	1.92	0.	0.
445	445	306	SLU_ENV	Min	1.92	0.	0.
445	445	313	SLU_ENV	Min	1.92	0.	0.
445	445	312	SLU_ENV	Min	1.92	0.	0.
445	445	298	SLV_Ex		8.12	25.27	18.742
445	445	306	SLV_Ex		8.12	25.27	18.742
445	445	313	SLV_Ex		8.12	25.27	18.742
445	445	312	SLV_Ex		8.12	25.27	18.742
446	446	306	SLU_ENV	Max	19.05	0.	0.
446	446	734	SLU_ENV	Max	19.05	0.	0.
446	446	718	SLU_ENV	Max	19.05	0.	0.
446	446	313	SLU_ENV	Max	19.05	0.	0.
446	446	306	SLU_ENV	Min	3.94	0.	0.
446	446	734	SLU_ENV	Min	3.94	0.	0.
446	446	718	SLU_ENV	Min	3.94	0.	0.
446	446	313	SLU_ENV	Min	3.94	0.	0.
446	446	306	SLV_Ex		18.72	81.12	166.66
446	446	734	SLV_Ex		18.72	81.12	166.66
446	446	718	SLV_Ex		18.72	81.12	166.66
446	446	313	SLV_Ex		18.72	81.12	166.66
447	447	547	SLU_ENV	Max	12.41	0.	0.
447	447	307	SLU_ENV	Max	12.41	0.	0.
447	447	314	SLU_ENV	Max	12.41	0.	0.
447	447	120	SLU_ENV	Max	12.41	0.	0.
447	447	547	SLU_ENV	Min	2.3	0.	0.
447	447	307	SLU_ENV	Min	2.3	0.	0.
447	447	314	SLU_ENV	Min	2.3	0.	0.
447	447	120	SLU_ENV	Min	2.3	0.	0.
447	447	547	SLV_Ex		2.7	259.05	0.596
447	447	307	SLV_Ex		2.7	259.05	0.596
447	447	314	SLV_Ex		2.7	259.05	0.596
447	447	120	SLV_Ex		2.7	259.05	0.596
448	448	307	SLU_ENV	Max	4.56	0.	0.
448	448	308	SLU_ENV	Max	4.56	0.	0.
448	448	315	SLU_ENV	Max	4.56	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
448	448	314	SLU_ENV	Max	4.56	0.	0.
448	448	307	SLU_ENV	Min	1.79	0.	0.
448	448	308	SLU_ENV	Min	1.79	0.	0.
448	448	315	SLU_ENV	Min	1.79	0.	0.
448	448	314	SLU_ENV	Min	1.79	0.	0.
448	448	307	SLV_Ex		-0.29	248.22	-0.066
448	448	308	SLV_Ex		-0.29	248.22	-0.066
448	448	315	SLV_Ex		-0.29	248.22	-0.066
448	448	314	SLV_Ex		-0.29	248.22	-0.066
449	449	308	SLU_ENV	Max	3.7	0.	0.
449	449	309	SLU_ENV	Max	3.7	0.	0.
449	449	316	SLU_ENV	Max	3.7	0.	0.
449	449	315	SLU_ENV	Max	3.7	0.	0.
449	449	308	SLU_ENV	Min	-2.52	0.	0.
449	449	309	SLU_ENV	Min	-2.52	0.	0.
449	449	316	SLU_ENV	Min	-2.52	0.	0.
449	449	315	SLU_ENV	Min	-2.52	0.	0.
449	449	308	SLV_Ex		0.38	225.99	0.096
449	449	309	SLV_Ex		0.38	225.99	0.096
449	449	316	SLV_Ex		0.38	225.99	0.096
449	449	315	SLV_Ex		0.38	225.99	0.096
450	450	309	SLU_ENV	Max	3.36	0.	0.
450	450	310	SLU_ENV	Max	3.36	0.	0.
450	450	317	SLU_ENV	Max	3.36	0.	0.
450	450	316	SLU_ENV	Max	3.36	0.	0.
450	450	309	SLU_ENV	Min	-4.37	0.	0.
450	450	310	SLU_ENV	Min	-4.37	0.	0.
450	450	317	SLU_ENV	Min	-4.37	0.	0.
450	450	316	SLU_ENV	Min	-4.37	0.	0.
450	450	309	SLV_Ex		1.2	194.91	0.354
450	450	310	SLV_Ex		1.2	194.91	0.354
450	450	317	SLV_Ex		1.2	194.91	0.354
450	450	316	SLV_Ex		1.2	194.91	0.354
451	451	310	SLU_ENV	Max	3.36	0.	0.
451	451	311	SLU_ENV	Max	3.36	0.	0.
451	451	318	SLU_ENV	Max	3.36	0.	0.
451	451	317	SLU_ENV	Max	3.36	0.	0.
451	451	310	SLU_ENV	Min	-4.37	0.	0.
451	451	311	SLU_ENV	Min	-4.37	0.	0.
451	451	318	SLU_ENV	Min	-4.37	0.	0.
451	451	317	SLU_ENV	Min	-4.37	0.	0.
451	451	310	SLV_Ex		1.77	154.85	0.656
451	451	311	SLV_Ex		1.77	154.85	0.656
451	451	318	SLV_Ex		1.77	154.85	0.656
451	451	317	SLV_Ex		1.77	154.85	0.656
452	452	311	SLU_ENV	Max	3.7	0.	0.
452	452	312	SLU_ENV	Max	3.7	0.	0.
452	452	319	SLU_ENV	Max	3.7	0.	0.
452	452	318	SLU_ENV	Max	3.7	0.	0.
452	452	311	SLU_ENV	Min	-2.52	0.	0.
452	452	312	SLU_ENV	Min	-2.52	0.	0.
452	452	319	SLU_ENV	Min	-2.52	0.	0.
452	452	318	SLU_ENV	Min	-2.52	0.	0.
452	452	311	SLV_Ex		3.12	101.51	1.764

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
452	452	312	SLV_Ex		3.12	101.51	1.764
452	452	319	SLV_Ex		3.12	101.51	1.764
452	452	318	SLV_Ex		3.12	101.51	1.764
453	453	312	SLU_ENV	Max	4.56	0.	0.
453	453	313	SLU_ENV	Max	4.56	0.	0.
453	453	320	SLU_ENV	Max	4.56	0.	0.
453	453	319	SLU_ENV	Max	4.56	0.	0.
453	453	312	SLU_ENV	Min	1.79	0.	0.
453	453	313	SLU_ENV	Min	1.79	0.	0.
453	453	320	SLU_ENV	Min	1.79	0.	0.
453	453	319	SLU_ENV	Min	1.79	0.	0.
453	453	312	SLV_Ex		5.08	27.92	10.492
453	453	313	SLV_Ex		5.08	27.92	10.492
453	453	320	SLV_Ex		5.08	27.92	10.492
453	453	319	SLV_Ex		5.08	27.92	10.492
454	454	313	SLU_ENV	Max	12.41	0.	0.
454	454	718	SLU_ENV	Max	12.41	0.	0.
454	454	331	SLU_ENV	Max	12.41	0.	0.
454	454	320	SLU_ENV	Max	12.41	0.	0.
454	454	313	SLU_ENV	Min	2.3	0.	0.
454	454	718	SLU_ENV	Min	2.3	0.	0.
454	454	331	SLU_ENV	Min	2.3	0.	0.
454	454	320	SLU_ENV	Min	2.3	0.	0.
454	454	313	SLV_Ex		4.51	73.74	176.494
454	454	718	SLV_Ex		4.51	73.74	176.494
454	454	331	SLV_Ex		4.51	73.74	176.494
454	454	320	SLV_Ex		4.51	73.74	176.494
455	455	120	SLU_ENV	Max	6.95	0.	0.
455	455	314	SLU_ENV	Max	6.95	0.	0.
455	455	321	SLU_ENV	Max	6.95	0.	0.
455	455	7	SLU_ENV	Max	6.95	0.	0.
455	455	120	SLU_ENV	Min	0.99	0.	0.
455	455	314	SLU_ENV	Min	0.99	0.	0.
455	455	321	SLU_ENV	Min	0.99	0.	0.
455	455	7	SLU_ENV	Min	0.99	0.	0.
455	455	120	SLV_Ex		5.24	254.13	1.181
455	455	314	SLV_Ex		5.24	254.13	1.181
455	455	321	SLV_Ex		5.24	254.13	1.181
455	455	7	SLV_Ex		5.24	254.13	1.181
456	456	314	SLU_ENV	Max	3.1	0.	0.
456	456	315	SLU_ENV	Max	3.1	0.	0.
456	456	322	SLU_ENV	Max	3.1	0.	0.
456	456	321	SLU_ENV	Max	3.1	0.	0.
456	456	314	SLU_ENV	Min	4.522E-02	0.	0.
456	456	315	SLU_ENV	Min	4.522E-02	0.	0.
456	456	322	SLU_ENV	Min	4.522E-02	0.	0.
456	456	321	SLU_ENV	Min	4.522E-02	0.	0.
456	456	314	SLV_Ex		2.18	247.64	0.503
456	456	315	SLV_Ex		2.18	247.64	0.503
456	456	322	SLV_Ex		2.18	247.64	0.503
456	456	321	SLV_Ex		2.18	247.64	0.503
457	457	315	SLU_ENV	Max	3.12	0.	0.
457	457	316	SLU_ENV	Max	3.12	0.	0.
457	457	323	SLU_ENV	Max	3.12	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
457	457	322	SLU_ENV	Max	3.12	0.	0.
457	457	315	SLU_ENV	Min	-3.74	0.	0.
457	457	316	SLU_ENV	Min	-3.74	0.	0.
457	457	323	SLU_ENV	Min	-3.74	0.	0.
457	457	322	SLU_ENV	Min	-3.74	0.	0.
457	457	315	SLV_Ex		1.33	225.97	0.336
457	457	316	SLV_Ex		1.33	225.97	0.336
457	457	323	SLV_Ex		1.33	225.97	0.336
457	457	322	SLV_Ex		1.33	225.97	0.336
458	458	316	SLU_ENV	Max	3.07	0.	0.
458	458	317	SLU_ENV	Max	3.07	0.	0.
458	458	324	SLU_ENV	Max	3.07	0.	0.
458	458	323	SLU_ENV	Max	3.07	0.	0.
458	458	316	SLU_ENV	Min	-5.53	0.	0.
458	458	317	SLU_ENV	Min	-5.53	0.	0.
458	458	324	SLU_ENV	Min	-5.53	0.	0.
458	458	323	SLU_ENV	Min	-5.53	0.	0.
458	458	316	SLV_Ex		1.27	195.34	0.372
458	458	317	SLV_Ex		1.27	195.34	0.372
458	458	324	SLV_Ex		1.27	195.34	0.372
458	458	323	SLV_Ex		1.27	195.34	0.372
459	459	317	SLU_ENV	Max	3.07	0.	0.
459	459	318	SLU_ENV	Max	3.07	0.	0.
459	459	325	SLU_ENV	Max	3.07	0.	0.
459	459	324	SLU_ENV	Max	3.07	0.	0.
459	459	317	SLU_ENV	Min	-5.53	0.	0.
459	459	318	SLU_ENV	Min	-5.53	0.	0.
459	459	325	SLU_ENV	Min	-5.53	0.	0.
459	459	324	SLU_ENV	Min	-5.53	0.	0.
459	459	317	SLV_Ex		1.61	155.43	0.592
459	459	318	SLV_Ex		1.61	155.43	0.592
459	459	325	SLV_Ex		1.61	155.43	0.592
459	459	324	SLV_Ex		1.61	155.43	0.592
460	460	318	SLU_ENV	Max	3.12	0.	0.
460	460	319	SLU_ENV	Max	3.12	0.	0.
460	460	332	SLU_ENV	Max	3.12	0.	0.
460	460	325	SLU_ENV	Max	3.12	0.	0.
460	460	318	SLU_ENV	Min	-3.74	0.	0.
460	460	319	SLU_ENV	Min	-3.74	0.	0.
460	460	332	SLU_ENV	Min	-3.74	0.	0.
460	460	325	SLU_ENV	Min	-3.74	0.	0.
460	460	318	SLV_Ex		1.84	102.03	1.036
460	460	319	SLV_Ex		1.84	102.03	1.036
460	460	332	SLV_Ex		1.84	102.03	1.036
460	460	325	SLV_Ex		1.84	102.03	1.036
461	461	319	SLU_ENV	Max	3.1	0.	0.
461	461	320	SLU_ENV	Max	3.1	0.	0.
461	461	333	SLU_ENV	Max	3.1	0.	0.
461	461	332	SLU_ENV	Max	3.1	0.	0.
461	461	319	SLU_ENV	Min	4.523E-02	0.	0.
461	461	320	SLU_ENV	Min	4.523E-02	0.	0.
461	461	333	SLU_ENV	Min	4.523E-02	0.	0.
461	461	332	SLU_ENV	Min	4.523E-02	0.	0.
461	461	319	SLV_Ex		1.6	27.87	3.288

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
461	461	320	SLV_Ex		1.6	27.87	3.288
461	461	333	SLV_Ex		1.6	27.87	3.288
461	461	332	SLV_Ex		1.6	27.87	3.288
462	462	320	SLU_ENV	Max	6.96	0.	0.
462	462	331	SLU_ENV	Max	6.96	0.	0.
462	462	349	SLU_ENV	Max	6.96	0.	0.
462	462	333	SLU_ENV	Max	6.96	0.	0.
462	462	320	SLU_ENV	Min	0.99	0.	0.
462	462	331	SLU_ENV	Min	0.99	0.	0.
462	462	349	SLU_ENV	Min	0.99	0.	0.
462	462	333	SLU_ENV	Min	0.99	0.	0.
462	462	320	SLV_Ex		-1.2	77.57	-179.113
462	462	331	SLV_Ex		-1.2	77.57	-179.113
462	462	349	SLV_Ex		-1.2	77.57	-179.113
462	462	333	SLV_Ex		-1.2	77.57	-179.113
463	463	7	SLU_ENV	Max	4.63	0.	0.
463	463	321	SLU_ENV	Max	4.63	0.	0.
463	463	334	SLU_ENV	Max	4.63	0.	0.
463	463	35	SLU_ENV	Max	4.63	0.	0.
463	463	7	SLU_ENV	Min	0.39	0.	0.
463	463	321	SLU_ENV	Min	0.39	0.	0.
463	463	334	SLU_ENV	Min	0.39	0.	0.
463	463	35	SLU_ENV	Min	0.39	0.	0.
463	463	7	SLV_Ex		4.61	250.46	1.055
463	463	321	SLV_Ex		4.61	250.46	1.055
463	463	334	SLV_Ex		4.61	250.46	1.055
463	463	35	SLV_Ex		4.61	250.46	1.055
464	464	321	SLU_ENV	Max	1.79	0.	0.
464	464	322	SLU_ENV	Max	1.79	0.	0.
464	464	335	SLU_ENV	Max	1.79	0.	0.
464	464	334	SLU_ENV	Max	1.79	0.	0.
464	464	321	SLU_ENV	Min	-1.35	0.	0.
464	464	322	SLU_ENV	Min	-1.35	0.	0.
464	464	335	SLU_ENV	Min	-1.35	0.	0.
464	464	334	SLU_ENV	Min	-1.35	0.	0.
464	464	321	SLV_Ex		2.69	245.89	0.627
464	464	322	SLV_Ex		2.69	245.89	0.627
464	464	335	SLV_Ex		2.69	245.89	0.627
464	464	334	SLV_Ex		2.69	245.89	0.627
465	465	322	SLU_ENV	Max	2.22	0.	0.
465	465	323	SLU_ENV	Max	2.22	0.	0.
465	465	336	SLU_ENV	Max	2.22	0.	0.
465	465	335	SLU_ENV	Max	2.22	0.	0.
465	465	322	SLU_ENV	Min	-4.88	0.	0.
465	465	323	SLU_ENV	Min	-4.88	0.	0.
465	465	336	SLU_ENV	Min	-4.88	0.	0.
465	465	335	SLU_ENV	Min	-4.88	0.	0.
465	465	322	SLV_Ex		1.63	225.5	0.413
465	465	323	SLV_Ex		1.63	225.5	0.413
465	465	336	SLV_Ex		1.63	225.5	0.413
465	465	335	SLV_Ex		1.63	225.5	0.413
466	466	323	SLU_ENV	Max	2.35	0.	0.
466	466	324	SLU_ENV	Max	2.35	0.	0.
466	466	337	SLU_ENV	Max	2.35	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
466	466	336	SLU_ENV	Max	2.35	0.	0.
466	466	323	SLU_ENV	Min	-6.58	0.	0.
466	466	324	SLU_ENV	Min	-6.58	0.	0.
466	466	337	SLU_ENV	Min	-6.58	0.	0.
466	466	336	SLU_ENV	Min	-6.58	0.	0.
466	466	323	SLV_Ex		1.26	195.17	0.371
466	466	324	SLV_Ex		1.26	195.17	0.371
466	466	337	SLV_Ex		1.26	195.17	0.371
466	466	336	SLV_Ex		1.26	195.17	0.371
467	467	324	SLU_ENV	Max	2.35	0.	0.
467	467	325	SLU_ENV	Max	2.35	0.	0.
467	467	338	SLU_ENV	Max	2.35	0.	0.
467	467	337	SLU_ENV	Max	2.35	0.	0.
467	467	324	SLU_ENV	Min	-6.58	0.	0.
467	467	325	SLU_ENV	Min	-6.58	0.	0.
467	467	338	SLU_ENV	Min	-6.58	0.	0.
467	467	337	SLU_ENV	Min	-6.58	0.	0.
467	467	324	SLV_Ex		1.06	155.38	0.389
467	467	325	SLV_Ex		1.06	155.38	0.389
467	467	338	SLV_Ex		1.06	155.38	0.389
467	467	337	SLV_Ex		1.06	155.38	0.389
468	468	325	SLU_ENV	Max	2.22	0.	0.
468	468	332	SLU_ENV	Max	2.22	0.	0.
468	468	339	SLU_ENV	Max	2.22	0.	0.
468	468	338	SLU_ENV	Max	2.22	0.	0.
468	468	325	SLU_ENV	Min	-4.88	0.	0.
468	468	332	SLU_ENV	Min	-4.88	0.	0.
468	468	339	SLU_ENV	Min	-4.88	0.	0.
468	468	338	SLU_ENV	Min	-4.88	0.	0.
468	468	325	SLV_Ex		0.8	101.8	0.448
468	468	332	SLV_Ex		0.8	101.8	0.448
468	468	339	SLV_Ex		0.8	101.8	0.448
468	468	338	SLV_Ex		0.8	101.8	0.448
469	469	332	SLU_ENV	Max	1.79	0.	0.
469	469	333	SLU_ENV	Max	1.79	0.	0.
469	469	340	SLU_ENV	Max	1.79	0.	0.
469	469	339	SLU_ENV	Max	1.79	0.	0.
469	469	332	SLU_ENV	Min	-1.35	0.	0.
469	469	333	SLU_ENV	Min	-1.35	0.	0.
469	469	340	SLU_ENV	Min	-1.35	0.	0.
469	469	339	SLU_ENV	Min	-1.35	0.	0.
469	469	332	SLV_Ex		-0.23	26.37	-0.493
469	469	333	SLV_Ex		-0.23	26.37	-0.493
469	469	340	SLV_Ex		-0.23	26.37	-0.493
469	469	339	SLV_Ex		-0.23	26.37	-0.493
470	470	333	SLU_ENV	Max	4.63	0.	0.
470	470	349	SLU_ENV	Max	4.63	0.	0.
470	470	367	SLU_ENV	Max	4.63	0.	0.
470	470	340	SLU_ENV	Max	4.63	0.	0.
470	470	333	SLU_ENV	Min	0.39	0.	0.
470	470	349	SLU_ENV	Min	0.39	0.	0.
470	470	367	SLU_ENV	Min	0.39	0.	0.
470	470	340	SLU_ENV	Min	0.39	0.	0.
470	470	333	SLV_Ex		-2.46	81.65	-178.276

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
470	470	349	SLV_Ex		-2.46	81.65	-178.276
470	470	367	SLV_Ex		-2.46	81.65	-178.276
470	470	340	SLV_Ex		-2.46	81.65	-178.276
471	471	35	SLU_ENV	Max	3.62	0.	0.
471	471	334	SLU_ENV	Max	3.62	0.	0.
471	471	341	SLU_ENV	Max	3.62	0.	0.
471	471	62	SLU_ENV	Max	3.62	0.	0.
471	471	35	SLU_ENV	Min	9.679E-02	0.	0.
471	471	334	SLU_ENV	Min	9.679E-02	0.	0.
471	471	341	SLU_ENV	Min	9.679E-02	0.	0.
471	471	62	SLU_ENV	Min	9.679E-02	0.	0.
471	471	35	SLV_Ex		3.05	248.51	0.703
471	471	334	SLV_Ex		3.05	248.51	0.703
471	471	341	SLV_Ex		3.05	248.51	0.703
471	471	62	SLV_Ex		3.05	248.51	0.703
472	472	334	SLU_ENV	Max	0.97	0.	0.
472	472	335	SLU_ENV	Max	0.97	0.	0.
472	472	342	SLU_ENV	Max	0.97	0.	0.
472	472	341	SLU_ENV	Max	0.97	0.	0.
472	472	334	SLU_ENV	Min	-2.16	0.	0.
472	472	335	SLU_ENV	Min	-2.16	0.	0.
472	472	342	SLU_ENV	Min	-2.16	0.	0.
472	472	341	SLU_ENV	Min	-2.16	0.	0.
472	472	334	SLV_Ex		2.14	244.6	0.501
472	472	335	SLV_Ex		2.14	244.6	0.501
472	472	342	SLV_Ex		2.14	244.6	0.501
472	472	341	SLV_Ex		2.14	244.6	0.501
473	473	335	SLU_ENV	Max	1.41	0.	0.
473	473	336	SLU_ENV	Max	1.41	0.	0.
473	473	343	SLU_ENV	Max	1.41	0.	0.
473	473	342	SLU_ENV	Max	1.41	0.	0.
473	473	335	SLU_ENV	Min	-5.71	0.	0.
473	473	336	SLU_ENV	Min	-5.71	0.	0.
473	473	343	SLU_ENV	Min	-5.71	0.	0.
473	473	342	SLU_ENV	Min	-5.71	0.	0.
473	473	335	SLV_Ex		1.43	224.73	0.365
473	473	336	SLV_Ex		1.43	224.73	0.365
473	473	343	SLV_Ex		1.43	224.73	0.365
473	473	342	SLV_Ex		1.43	224.73	0.365
474	474	336	SLU_ENV	Max	1.59	0.	0.
474	474	337	SLU_ENV	Max	1.59	0.	0.
474	474	350	SLU_ENV	Max	1.59	0.	0.
474	474	343	SLU_ENV	Max	1.59	0.	0.
474	474	336	SLU_ENV	Min	-7.39	0.	0.
474	474	337	SLU_ENV	Min	-7.39	0.	0.
474	474	350	SLU_ENV	Min	-7.39	0.	0.
474	474	343	SLU_ENV	Min	-7.39	0.	0.
474	474	336	SLV_Ex		0.98	194.76	0.287
474	474	337	SLV_Ex		0.98	194.76	0.287
474	474	350	SLV_Ex		0.98	194.76	0.287
474	474	343	SLV_Ex		0.98	194.76	0.287
475	475	337	SLU_ENV	Max	1.59	0.	0.
475	475	338	SLU_ENV	Max	1.59	0.	0.
475	475	351	SLU_ENV	Max	1.59	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
475	475	350	SLU_ENV	Max	1.59	0.	0.
475	475	337	SLU_ENV	Min	-7.39	0.	0.
475	475	338	SLU_ENV	Min	-7.39	0.	0.
475	475	351	SLU_ENV	Min	-7.39	0.	0.
475	475	350	SLU_ENV	Min	-7.39	0.	0.
475	475	337	SLV_Ex		0.69	154.99	0.257
475	475	338	SLV_Ex		0.69	154.99	0.257
475	475	351	SLV_Ex		0.69	154.99	0.257
475	475	350	SLV_Ex		0.69	154.99	0.257
476	476	338	SLU_ENV	Max	1.41	0.	0.
476	476	339	SLU_ENV	Max	1.41	0.	0.
476	476	352	SLU_ENV	Max	1.41	0.	0.
476	476	351	SLU_ENV	Max	1.41	0.	0.
476	476	338	SLU_ENV	Min	-5.71	0.	0.
476	476	339	SLU_ENV	Min	-5.71	0.	0.
476	476	352	SLU_ENV	Min	-5.71	0.	0.
476	476	351	SLU_ENV	Min	-5.71	0.	0.
476	476	338	SLV_Ex		0.2	101.07	0.115
476	476	339	SLV_Ex		0.2	101.07	0.115
476	476	352	SLV_Ex		0.2	101.07	0.115
476	476	351	SLV_Ex		0.2	101.07	0.115
477	477	339	SLU_ENV	Max	0.97	0.	0.
477	477	340	SLU_ENV	Max	0.97	0.	0.
477	477	353	SLU_ENV	Max	0.97	0.	0.
477	477	352	SLU_ENV	Max	0.97	0.	0.
477	477	339	SLU_ENV	Min	-2.16	0.	0.
477	477	340	SLU_ENV	Min	-2.16	0.	0.
477	477	353	SLU_ENV	Min	-2.16	0.	0.
477	477	352	SLU_ENV	Min	-2.16	0.	0.
477	477	339	SLV_Ex		-0.68	24.92	-1.561
477	477	340	SLV_Ex		-0.68	24.92	-1.561
477	477	353	SLV_Ex		-0.68	24.92	-1.561
477	477	352	SLV_Ex		-0.68	24.92	-1.561
478	478	340	SLU_ENV	Max	3.62	0.	0.
478	478	367	SLU_ENV	Max	3.62	0.	0.
478	478	385	SLU_ENV	Max	3.62	0.	0.
478	478	353	SLU_ENV	Max	3.62	0.	0.
478	478	340	SLU_ENV	Min	9.684E-02	0.	0.
478	478	367	SLU_ENV	Min	9.684E-02	0.	0.
478	478	385	SLU_ENV	Min	9.684E-02	0.	0.
478	478	353	SLU_ENV	Min	9.684E-02	0.	0.
478	478	340	SLV_Ex		-2.22	84.31	-178.492
478	478	367	SLV_Ex		-2.22	84.31	-178.492
478	478	385	SLV_Ex		-2.22	84.31	-178.492
478	478	353	SLV_Ex		-2.22	84.31	-178.492
479	479	62	SLU_ENV	Max	3.4	0.	0.
479	479	341	SLU_ENV	Max	3.4	0.	0.
479	479	354	SLU_ENV	Max	3.4	0.	0.
479	479	89	SLU_ENV	Max	3.4	0.	0.
479	479	62	SLU_ENV	Min	-0.1	0.	0.
479	479	341	SLU_ENV	Min	-0.1	0.	0.
479	479	354	SLU_ENV	Min	-0.1	0.	0.
479	479	89	SLU_ENV	Min	-0.1	0.	0.
479	479	62	SLV_Ex		1.66	247.72	0.384

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
479	479	341	SLV_Ex		1.66	247.72	0.384
479	479	354	SLV_Ex		1.66	247.72	0.384
479	479	89	SLV_Ex		1.66	247.72	0.384
480	480	341	SLU_ENV	Max	0.44	0.	0.
480	480	342	SLU_ENV	Max	0.44	0.	0.
480	480	355	SLU_ENV	Max	0.44	0.	0.
480	480	354	SLU_ENV	Max	0.44	0.	0.
480	480	341	SLU_ENV	Min	-2.61	0.	0.
480	480	342	SLU_ENV	Min	-2.61	0.	0.
480	480	355	SLU_ENV	Min	-2.61	0.	0.
480	480	354	SLU_ENV	Min	-2.61	0.	0.
480	480	341	SLV_Ex		1.31	243.83	0.308
480	480	342	SLV_Ex		1.31	243.83	0.308
480	480	355	SLV_Ex		1.31	243.83	0.308
480	480	354	SLV_Ex		1.31	243.83	0.308
481	481	342	SLU_ENV	Max	0.76	0.	0.
481	481	343	SLU_ENV	Max	0.76	0.	0.
481	481	356	SLU_ENV	Max	0.76	0.	0.
481	481	355	SLU_ENV	Max	0.76	0.	0.
481	481	342	SLU_ENV	Min	-6.26	0.	0.
481	481	343	SLU_ENV	Min	-6.26	0.	0.
481	481	356	SLU_ENV	Min	-6.26	0.	0.
481	481	355	SLU_ENV	Min	-6.26	0.	0.
481	481	342	SLV_Ex		0.94	224.2	0.24
481	481	343	SLV_Ex		0.94	224.2	0.24
481	481	356	SLV_Ex		0.94	224.2	0.24
481	481	355	SLV_Ex		0.94	224.2	0.24
482	482	343	SLU_ENV	Max	0.9	0.	0.
482	482	350	SLU_ENV	Max	0.9	0.	0.
482	482	357	SLU_ENV	Max	0.9	0.	0.
482	482	356	SLU_ENV	Max	0.9	0.	0.
482	482	343	SLU_ENV	Min	-7.98	0.	0.
482	482	350	SLU_ENV	Min	-7.98	0.	0.
482	482	357	SLU_ENV	Min	-7.98	0.	0.
482	482	356	SLU_ENV	Min	-7.98	0.	0.
482	482	343	SLV_Ex		0.67	194.35	0.198
482	482	350	SLV_Ex		0.67	194.35	0.198
482	482	357	SLV_Ex		0.67	194.35	0.198
482	482	356	SLV_Ex		0.67	194.35	0.198
483	483	350	SLU_ENV	Max	0.9	0.	0.
483	483	351	SLU_ENV	Max	0.9	0.	0.
483	483	358	SLU_ENV	Max	0.9	0.	0.
483	483	357	SLU_ENV	Max	0.9	0.	0.
483	483	350	SLU_ENV	Min	-7.98	0.	0.
483	483	351	SLU_ENV	Min	-7.98	0.	0.
483	483	358	SLU_ENV	Min	-7.98	0.	0.
483	483	357	SLU_ENV	Min	-7.98	0.	0.
483	483	350	SLV_Ex		0.38	154.56	0.14
483	483	351	SLV_Ex		0.38	154.56	0.14
483	483	358	SLV_Ex		0.38	154.56	0.14
483	483	357	SLV_Ex		0.38	154.56	0.14
484	484	351	SLU_ENV	Max	0.76	0.	0.
484	484	352	SLU_ENV	Max	0.76	0.	0.
484	484	359	SLU_ENV	Max	0.76	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
484	484	358	SLU_ENV	Max	0.76	0.	0.
484	484	351	SLU_ENV	Min	-6.26	0.	0.
484	484	352	SLU_ENV	Min	-6.26	0.	0.
484	484	359	SLU_ENV	Min	-6.26	0.	0.
484	484	358	SLU_ENV	Min	-6.26	0.	0.
484	484	351	SLV_Ex		2.928E-02	100.43	0.017
484	484	352	SLV_Ex		2.928E-02	100.43	0.017
484	484	359	SLV_Ex		2.928E-02	100.43	0.017
484	484	358	SLV_Ex		2.928E-02	100.43	0.017
485	485	352	SLU_ENV	Max	0.44	0.	0.
485	485	353	SLU_ENV	Max	0.44	0.	0.
485	485	360	SLU_ENV	Max	0.44	0.	0.
485	485	359	SLU_ENV	Max	0.44	0.	0.
485	485	352	SLU_ENV	Min	-2.61	0.	0.
485	485	353	SLU_ENV	Min	-2.61	0.	0.
485	485	360	SLU_ENV	Min	-2.61	0.	0.
485	485	359	SLU_ENV	Min	-2.61	0.	0.
485	485	352	SLV_Ex		-0.59	23.82	-1.427
485	485	353	SLV_Ex		-0.59	23.82	-1.427
485	485	360	SLV_Ex		-0.59	23.82	-1.427
485	485	359	SLV_Ex		-0.59	23.82	-1.427
486	486	353	SLU_ENV	Max	3.4	0.	0.
486	486	385	SLU_ENV	Max	3.4	0.	0.
486	486	403	SLU_ENV	Max	3.4	0.	0.
486	486	360	SLU_ENV	Max	3.4	0.	0.
486	486	353	SLU_ENV	Min	-0.1	0.	0.
486	486	385	SLU_ENV	Min	-0.1	0.	0.
486	486	403	SLU_ENV	Min	-0.1	0.	0.
486	486	360	SLU_ENV	Min	-0.1	0.	0.
486	486	353	SLV_Ex		-1.48	85.88	-179.011
486	486	385	SLV_Ex		-1.48	85.88	-179.011
486	486	403	SLV_Ex		-1.48	85.88	-179.011
486	486	360	SLV_Ex		-1.48	85.88	-179.011
487	487	89	SLU_ENV	Max	3.31	0.	0.
487	487	354	SLU_ENV	Max	3.31	0.	0.
487	487	361	SLU_ENV	Max	3.31	0.	0.
487	487	142	SLU_ENV	Max	3.31	0.	0.
487	487	89	SLU_ENV	Min	-0.2	0.	0.
487	487	354	SLU_ENV	Min	-0.2	0.	0.
487	487	361	SLU_ENV	Min	-0.2	0.	0.
487	487	142	SLU_ENV	Min	-0.2	0.	0.
487	487	89	SLV_Ex		0.48	247.46	0.11
487	487	354	SLV_Ex		0.48	247.46	0.11
487	487	361	SLV_Ex		0.48	247.46	0.11
487	487	142	SLV_Ex		0.48	247.46	0.11
488	488	354	SLU_ENV	Max	3.873E-02	0.	0.
488	488	355	SLU_ENV	Max	3.873E-02	0.	0.
488	488	368	SLU_ENV	Max	3.873E-02	0.	0.
488	488	361	SLU_ENV	Max	3.873E-02	0.	0.
488	488	354	SLU_ENV	Min	-2.89	0.	0.
488	488	355	SLU_ENV	Min	-2.89	0.	0.
488	488	368	SLU_ENV	Min	-2.89	0.	0.
488	488	361	SLU_ENV	Min	-2.89	0.	0.
488	488	354	SLV_Ex		0.45	243.55	0.106

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
488	488	355	SLV_Ex		0.45	243.55	0.106
488	488	368	SLV_Ex		0.45	243.55	0.106
488	488	361	SLV_Ex		0.45	243.55	0.106
489	489	355	SLU_ENV	Max	0.18	0.	0.
489	489	356	SLU_ENV	Max	0.18	0.	0.
489	489	369	SLU_ENV	Max	0.18	0.	0.
489	489	368	SLU_ENV	Max	0.18	0.	0.
489	489	355	SLU_ENV	Min	-6.65	0.	0.
489	489	356	SLU_ENV	Min	-6.65	0.	0.
489	489	369	SLU_ENV	Min	-6.65	0.	0.
489	489	368	SLU_ENV	Min	-6.65	0.	0.
489	489	355	SLV_Ex		0.41	223.96	0.104
489	489	356	SLV_Ex		0.41	223.96	0.104
489	489	369	SLV_Ex		0.41	223.96	0.104
489	489	368	SLV_Ex		0.41	223.96	0.104
490	490	356	SLU_ENV	Max	0.26	0.	0.
490	490	357	SLU_ENV	Max	0.26	0.	0.
490	490	370	SLU_ENV	Max	0.26	0.	0.
490	490	369	SLU_ENV	Max	0.26	0.	0.
490	490	356	SLU_ENV	Min	-8.4	0.	0.
490	490	357	SLU_ENV	Min	-8.4	0.	0.
490	490	370	SLU_ENV	Min	-8.4	0.	0.
490	490	369	SLU_ENV	Min	-8.4	0.	0.
490	490	356	SLV_Ex		0.29	194.12	0.086
490	490	357	SLV_Ex		0.29	194.12	0.086
490	490	370	SLV_Ex		0.29	194.12	0.086
490	490	369	SLV_Ex		0.29	194.12	0.086
491	491	357	SLU_ENV	Max	0.26	0.	0.
491	491	358	SLU_ENV	Max	0.26	0.	0.
491	491	371	SLU_ENV	Max	0.26	0.	0.
491	491	370	SLU_ENV	Max	0.26	0.	0.
491	491	357	SLU_ENV	Min	-8.4	0.	0.
491	491	358	SLU_ENV	Min	-8.4	0.	0.
491	491	371	SLU_ENV	Min	-8.4	0.	0.
491	491	370	SLU_ENV	Min	-8.4	0.	0.
491	491	357	SLV_Ex		0.17	154.28	0.063
491	491	358	SLV_Ex		0.17	154.28	0.063
491	491	371	SLV_Ex		0.17	154.28	0.063
491	491	370	SLV_Ex		0.17	154.28	0.063
492	492	358	SLU_ENV	Max	0.18	0.	0.
492	492	359	SLU_ENV	Max	0.18	0.	0.
492	492	372	SLU_ENV	Max	0.18	0.	0.
492	492	371	SLU_ENV	Max	0.18	0.	0.
492	492	358	SLU_ENV	Min	-6.65	0.	0.
492	492	359	SLU_ENV	Min	-6.65	0.	0.
492	492	372	SLU_ENV	Min	-6.65	0.	0.
492	492	371	SLU_ENV	Min	-6.65	0.	0.
492	492	358	SLV_Ex		-5.547E-02	100.04	-0.032
492	492	359	SLV_Ex		-5.547E-02	100.04	-0.032
492	492	372	SLV_Ex		-5.547E-02	100.04	-0.032
492	492	371	SLV_Ex		-5.547E-02	100.04	-0.032
493	493	359	SLU_ENV	Max	3.875E-02	0.	0.
493	493	360	SLU_ENV	Max	3.875E-02	0.	0.
493	493	373	SLU_ENV	Max	3.875E-02	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
493	493	372	SLU_ENV	Max	3.875E-02	0.	0.
493	493	359	SLU_ENV	Min	-2.89	0.	0.
493	493	360	SLU_ENV	Min	-2.89	0.	0.
493	493	373	SLU_ENV	Min	-2.89	0.	0.
493	493	372	SLU_ENV	Min	-2.89	0.	0.
493	493	359	SLV_Ex		-0.31	23.23	-0.769
493	493	360	SLV_Ex		-0.31	23.23	-0.769
493	493	373	SLV_Ex		-0.31	23.23	-0.769
493	493	372	SLV_Ex		-0.31	23.23	-0.769
494	494	360	SLU_ENV	Max	3.31	0.	0.
494	494	403	SLU_ENV	Max	3.31	0.	0.
494	494	421	SLU_ENV	Max	3.31	0.	0.
494	494	373	SLU_ENV	Max	3.31	0.	0.
494	494	360	SLU_ENV	Min	-0.2	0.	0.
494	494	403	SLU_ENV	Min	-0.2	0.	0.
494	494	421	SLU_ENV	Min	-0.2	0.	0.
494	494	373	SLU_ENV	Min	-0.2	0.	0.
494	494	360	SLV_Ex		-0.73	86.71	-179.518
494	494	403	SLV_Ex		-0.73	86.71	-179.518
494	494	421	SLV_Ex		-0.73	86.71	-179.518
494	494	373	SLV_Ex		-0.73	86.71	-179.518
495	495	142	SLU_ENV	Max	3.21	0.	0.
495	495	361	SLU_ENV	Max	3.21	0.	0.
495	495	374	SLU_ENV	Max	3.21	0.	0.
495	495	169	SLU_ENV	Max	3.21	0.	0.
495	495	142	SLU_ENV	Min	-0.33	0.	0.
495	495	361	SLU_ENV	Min	-0.33	0.	0.
495	495	374	SLU_ENV	Min	-0.33	0.	0.
495	495	169	SLU_ENV	Min	-0.33	0.	0.
495	495	142	SLV_Ex		-0.75	247.62	-0.174
495	495	361	SLV_Ex		-0.75	247.62	-0.174
495	495	374	SLV_Ex		-0.75	247.62	-0.174
495	495	169	SLV_Ex		-0.75	247.62	-0.174
496	496	361	SLU_ENV	Max	-0.21	0.	0.
496	496	368	SLU_ENV	Max	-0.21	0.	0.
496	496	375	SLU_ENV	Max	-0.21	0.	0.
496	496	374	SLU_ENV	Max	-0.21	0.	0.
496	496	361	SLU_ENV	Min	-3.35	0.	0.
496	496	368	SLU_ENV	Min	-3.35	0.	0.
496	496	375	SLU_ENV	Min	-3.35	0.	0.
496	496	374	SLU_ENV	Min	-3.35	0.	0.
496	496	361	SLV_Ex		-0.4	243.73	-0.094
496	496	368	SLV_Ex		-0.4	243.73	-0.094
496	496	375	SLV_Ex		-0.4	243.73	-0.094
496	496	374	SLV_Ex		-0.4	243.73	-0.094
497	497	368	SLU_ENV	Max	-0.26	0.	0.
497	497	369	SLU_ENV	Max	-0.26	0.	0.
497	497	376	SLU_ENV	Max	-0.26	0.	0.
497	497	375	SLU_ENV	Max	-0.26	0.	0.
497	497	368	SLU_ENV	Min	-7.14	0.	0.
497	497	369	SLU_ENV	Min	-7.14	0.	0.
497	497	376	SLU_ENV	Min	-7.14	0.	0.
497	497	375	SLU_ENV	Min	-7.14	0.	0.
497	497	368	SLV_Ex		-0.15	223.99	-0.038

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
497	497	369	SLV_Ex		-0.15	223.99	-0.038
497	497	376	SLV_Ex		-0.15	223.99	-0.038
497	497	375	SLV_Ex		-0.15	223.99	-0.038
498	498	369	SLU_ENV	Max	-0.27	0.	0.
498	498	370	SLU_ENV	Max	-0.27	0.	0.
498	498	377	SLU_ENV	Max	-0.27	0.	0.
498	498	376	SLU_ENV	Max	-0.27	0.	0.
498	498	369	SLU_ENV	Min	-8.89	0.	0.
498	498	370	SLU_ENV	Min	-8.89	0.	0.
498	498	377	SLU_ENV	Min	-8.89	0.	0.
498	498	376	SLU_ENV	Min	-8.89	0.	0.
498	498	369	SLV_Ex		-4.518E-02	194.08	-0.013
498	498	370	SLV_Ex		-4.518E-02	194.08	-0.013
498	498	377	SLV_Ex		-4.518E-02	194.08	-0.013
498	498	376	SLV_Ex		-4.518E-02	194.08	-0.013
499	499	370	SLU_ENV	Max	-0.27	0.	0.
499	499	371	SLU_ENV	Max	-0.27	0.	0.
499	499	378	SLU_ENV	Max	-0.27	0.	0.
499	499	377	SLU_ENV	Max	-0.27	0.	0.
499	499	370	SLU_ENV	Min	-8.89	0.	0.
499	499	371	SLU_ENV	Min	-8.89	0.	0.
499	499	378	SLU_ENV	Min	-8.89	0.	0.
499	499	377	SLU_ENV	Min	-8.89	0.	0.
499	499	370	SLV_Ex		-0.13	154.18	-0.05
499	499	371	SLV_Ex		-0.13	154.18	-0.05
499	499	378	SLV_Ex		-0.13	154.18	-0.05
499	499	377	SLV_Ex		-0.13	154.18	-0.05
500	500	371	SLU_ENV	Max	-0.26	0.	0.
500	500	372	SLU_ENV	Max	-0.26	0.	0.
500	500	379	SLU_ENV	Max	-0.26	0.	0.
500	500	378	SLU_ENV	Max	-0.26	0.	0.
500	500	371	SLU_ENV	Min	-7.14	0.	0.
500	500	372	SLU_ENV	Min	-7.14	0.	0.
500	500	379	SLU_ENV	Min	-7.14	0.	0.
500	500	378	SLU_ENV	Min	-7.14	0.	0.
500	500	371	SLV_Ex		-0.17	99.91	-0.095
500	500	372	SLV_Ex		-0.17	99.91	-0.095
500	500	379	SLV_Ex		-0.17	99.91	-0.095
500	500	378	SLV_Ex		-0.17	99.91	-0.095
501	501	372	SLU_ENV	Max	-0.21	0.	0.
501	501	373	SLU_ENV	Max	-0.21	0.	0.
501	501	386	SLU_ENV	Max	-0.21	0.	0.
501	501	379	SLU_ENV	Max	-0.21	0.	0.
501	501	372	SLU_ENV	Min	-3.35	0.	0.
501	501	373	SLU_ENV	Min	-3.35	0.	0.
501	501	386	SLU_ENV	Min	-3.35	0.	0.
501	501	379	SLU_ENV	Min	-3.35	0.	0.
501	501	372	SLV_Ex		-0.14	23.15	-0.342
501	501	373	SLV_Ex		-0.14	23.15	-0.342
501	501	386	SLV_Ex		-0.14	23.15	-0.342
501	501	379	SLV_Ex		-0.14	23.15	-0.342
502	502	373	SLU_ENV	Max	3.21	0.	0.
502	502	421	SLU_ENV	Max	3.21	0.	0.
502	502	439	SLU_ENV	Max	3.21	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
502	502	386	SLU_ENV	Max	3.21	0.	0.
502	502	373	SLU_ENV	Min	-0.34	0.	0.
502	502	421	SLU_ENV	Min	-0.34	0.	0.
502	502	439	SLU_ENV	Min	-0.34	0.	0.
502	502	386	SLU_ENV	Min	-0.34	0.	0.
502	502	373	SLV_Ex		5.271E-02	86.84	179.965
502	502	421	SLV_Ex		5.271E-02	86.84	179.965
502	502	439	SLV_Ex		5.271E-02	86.84	179.965
502	502	386	SLV_Ex		5.271E-02	86.84	179.965
503	503	169	SLU_ENV	Max	2.98	0.	0.
503	503	374	SLU_ENV	Max	2.98	0.	0.
503	503	387	SLU_ENV	Max	2.98	0.	0.
503	503	196	SLU_ENV	Max	2.98	0.	0.
503	503	169	SLU_ENV	Min	-0.82	0.	0.
503	503	374	SLU_ENV	Min	-0.82	0.	0.
503	503	387	SLU_ENV	Min	-0.82	0.	0.
503	503	196	SLU_ENV	Min	-0.82	0.	0.
503	503	169	SLV_Ex		-2.24	248.57	-0.517
503	503	374	SLV_Ex		-2.24	248.57	-0.517
503	503	387	SLV_Ex		-2.24	248.57	-0.517
503	503	196	SLV_Ex		-2.24	248.57	-0.517
504	504	374	SLU_ENV	Max	-0.51	0.	0.
504	504	375	SLU_ENV	Max	-0.51	0.	0.
504	504	388	SLU_ENV	Max	-0.51	0.	0.
504	504	387	SLU_ENV	Max	-0.51	0.	0.
504	504	374	SLU_ENV	Min	-4.04	0.	0.
504	504	375	SLU_ENV	Min	-4.04	0.	0.
504	504	388	SLU_ENV	Min	-4.04	0.	0.
504	504	387	SLU_ENV	Min	-4.04	0.	0.
504	504	374	SLV_Ex		-1.15	244.37	-0.269
504	504	375	SLV_Ex		-1.15	244.37	-0.269
504	504	388	SLV_Ex		-1.15	244.37	-0.269
504	504	387	SLV_Ex		-1.15	244.37	-0.269
505	505	375	SLU_ENV	Max	-0.57	0.	0.
505	505	376	SLU_ENV	Max	-0.57	0.	0.
505	505	389	SLU_ENV	Max	-0.57	0.	0.
505	505	388	SLU_ENV	Max	-0.57	0.	0.
505	505	375	SLU_ENV	Min	-7.85	0.	0.
505	505	376	SLU_ENV	Min	-7.85	0.	0.
505	505	389	SLU_ENV	Min	-7.85	0.	0.
505	505	388	SLU_ENV	Min	-7.85	0.	0.
505	505	375	SLV_Ex		-0.52	224.34	-0.132
505	505	376	SLV_Ex		-0.52	224.34	-0.132
505	505	389	SLV_Ex		-0.52	224.34	-0.132
505	505	388	SLV_Ex		-0.52	224.34	-0.132
506	506	376	SLU_ENV	Max	-0.58	0.	0.
506	506	377	SLU_ENV	Max	-0.58	0.	0.
506	506	390	SLU_ENV	Max	-0.58	0.	0.
506	506	389	SLU_ENV	Max	-0.58	0.	0.
506	506	376	SLU_ENV	Min	-9.57	0.	0.
506	506	377	SLU_ENV	Min	-9.57	0.	0.
506	506	390	SLU_ENV	Min	-9.57	0.	0.
506	506	389	SLU_ENV	Min	-9.57	0.	0.
506	506	376	SLV_Ex		-0.42	194.11	-0.125

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
506	506	377	SLV_Ex		-0.42	194.11	-0.125
506	506	390	SLV_Ex		-0.42	194.11	-0.125
506	506	389	SLV_Ex		-0.42	194.11	-0.125
507	507	377	SLU_ENV	Max	-0.58	0.	0.
507	507	378	SLU_ENV	Max	-0.58	0.	0.
507	507	391	SLU_ENV	Max	-0.58	0.	0.
507	507	390	SLU_ENV	Max	-0.58	0.	0.
507	507	377	SLU_ENV	Min	-9.57	0.	0.
507	507	378	SLU_ENV	Min	-9.57	0.	0.
507	507	391	SLU_ENV	Min	-9.57	0.	0.
507	507	390	SLU_ENV	Min	-9.57	0.	0.
507	507	377	SLV_Ex		-0.48	154.13	-0.178
507	507	378	SLV_Ex		-0.48	154.13	-0.178
507	507	391	SLV_Ex		-0.48	154.13	-0.178
507	507	390	SLV_Ex		-0.48	154.13	-0.178
508	508	378	SLU_ENV	Max	-0.57	0.	0.
508	508	379	SLU_ENV	Max	-0.57	0.	0.
508	508	392	SLU_ENV	Max	-0.57	0.	0.
508	508	391	SLU_ENV	Max	-0.57	0.	0.
508	508	378	SLU_ENV	Min	-7.85	0.	0.
508	508	379	SLU_ENV	Min	-7.85	0.	0.
508	508	392	SLU_ENV	Min	-7.85	0.	0.
508	508	391	SLU_ENV	Min	-7.85	0.	0.
508	508	378	SLV_Ex		-0.63	99.98	-0.362
508	508	379	SLV_Ex		-0.63	99.98	-0.362
508	508	392	SLV_Ex		-0.63	99.98	-0.362
508	508	391	SLV_Ex		-0.63	99.98	-0.362
509	509	379	SLU_ENV	Max	-0.51	0.	0.
509	509	386	SLU_ENV	Max	-0.51	0.	0.
509	509	393	SLU_ENV	Max	-0.51	0.	0.
509	509	392	SLU_ENV	Max	-0.51	0.	0.
509	509	379	SLU_ENV	Min	-4.04	0.	0.
509	509	386	SLU_ENV	Min	-4.04	0.	0.
509	509	393	SLU_ENV	Min	-4.04	0.	0.
509	509	392	SLU_ENV	Min	-4.04	0.	0.
509	509	379	SLV_Ex		-0.35	23.49	-0.856
509	509	386	SLV_Ex		-0.35	23.49	-0.856
509	509	393	SLV_Ex		-0.35	23.49	-0.856
509	509	392	SLV_Ex		-0.35	23.49	-0.856
510	510	386	SLU_ENV	Max	2.98	0.	0.
510	510	439	SLU_ENV	Max	2.98	0.	0.
510	510	457	SLU_ENV	Max	2.98	0.	0.
510	510	393	SLU_ENV	Max	2.98	0.	0.
510	510	386	SLU_ENV	Min	-0.82	0.	0.
510	510	439	SLU_ENV	Min	-0.82	0.	0.
510	510	457	SLU_ENV	Min	-0.82	0.	0.
510	510	393	SLU_ENV	Min	-0.82	0.	0.
510	510	386	SLV_Ex		0.55	85.97	179.634
510	510	439	SLV_Ex		0.55	85.97	179.634
510	510	457	SLV_Ex		0.55	85.97	179.634
510	510	393	SLV_Ex		0.55	85.97	179.634
511	511	196	SLU_ENV	Max	2.54	0.	0.
511	511	387	SLU_ENV	Max	2.54	0.	0.
511	511	394	SLU_ENV	Max	2.54	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
511	511	223	SLU_ENV	Max	2.54	0.	0.
511	511	196	SLU_ENV	Min	-2.15	0.	0.
511	511	387	SLU_ENV	Min	-2.15	0.	0.
511	511	394	SLU_ENV	Min	-2.15	0.	0.
511	511	223	SLU_ENV	Min	-2.15	0.	0.
511	511	196	SLV_Ex		-3.5	250.95	-0.8
511	511	387	SLV_Ex		-3.5	250.95	-0.8
511	511	394	SLV_Ex		-3.5	250.95	-0.8
511	511	223	SLV_Ex		-3.5	250.95	-0.8
512	512	387	SLU_ENV	Max	-1.	0.	0.
512	512	388	SLU_ENV	Max	-1.	0.	0.
512	512	395	SLU_ENV	Max	-1.	0.	0.
512	512	394	SLU_ENV	Max	-1.	0.	0.
512	512	387	SLU_ENV	Min	-5.05	0.	0.
512	512	388	SLU_ENV	Min	-5.05	0.	0.
512	512	395	SLU_ENV	Min	-5.05	0.	0.
512	512	394	SLU_ENV	Min	-5.05	0.	0.
512	512	387	SLV_Ex		-1.28	245.65	-0.298
512	512	388	SLV_Ex		-1.28	245.65	-0.298
512	512	395	SLV_Ex		-1.28	245.65	-0.298
512	512	394	SLV_Ex		-1.28	245.65	-0.298
513	513	388	SLU_ENV	Max	-0.95	0.	0.
513	513	389	SLU_ENV	Max	-0.95	0.	0.
513	513	396	SLU_ENV	Max	-0.95	0.	0.
513	513	395	SLU_ENV	Max	-0.95	0.	0.
513	513	388	SLU_ENV	Min	-8.52	0.	0.
513	513	389	SLU_ENV	Min	-8.52	0.	0.
513	513	396	SLU_ENV	Min	-8.52	0.	0.
513	513	395	SLU_ENV	Min	-8.52	0.	0.
513	513	388	SLV_Ex		-0.57	224.58	-0.145
513	513	389	SLV_Ex		-0.57	224.58	-0.145
513	513	396	SLV_Ex		-0.57	224.58	-0.145
513	513	395	SLV_Ex		-0.57	224.58	-0.145
514	514	389	SLU_ENV	Max	-0.91	0.	0.
514	514	390	SLU_ENV	Max	-0.91	0.	0.
514	514	397	SLU_ENV	Max	-0.91	0.	0.
514	514	396	SLU_ENV	Max	-0.91	0.	0.
514	514	389	SLU_ENV	Min	-10.06	0.	0.
514	514	390	SLU_ENV	Min	-10.06	0.	0.
514	514	397	SLU_ENV	Min	-10.06	0.	0.
514	514	396	SLU_ENV	Min	-10.06	0.	0.
514	514	389	SLV_Ex		-0.57	194.07	-0.17
514	514	390	SLV_Ex		-0.57	194.07	-0.17
514	514	397	SLV_Ex		-0.57	194.07	-0.17
514	514	396	SLV_Ex		-0.57	194.07	-0.17
515	515	390	SLU_ENV	Max	-0.91	0.	0.
515	515	391	SLU_ENV	Max	-0.91	0.	0.
515	515	404	SLU_ENV	Max	-0.91	0.	0.
515	515	397	SLU_ENV	Max	-0.91	0.	0.
515	515	390	SLU_ENV	Min	-10.06	0.	0.
515	515	391	SLU_ENV	Min	-10.06	0.	0.
515	515	404	SLU_ENV	Min	-10.06	0.	0.
515	515	397	SLU_ENV	Min	-10.06	0.	0.
515	515	390	SLV_Ex		-1.08	153.89	-0.402

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
515	515	391	SLV_Ex		-1.08	153.89	-0.402
515	515	404	SLV_Ex		-1.08	153.89	-0.402
515	515	397	SLV_Ex		-1.08	153.89	-0.402
516	516	391	SLU_ENV	Max	-0.95	0.	0.
516	516	392	SLU_ENV	Max	-0.95	0.	0.
516	516	405	SLU_ENV	Max	-0.95	0.	0.
516	516	404	SLU_ENV	Max	-0.95	0.	0.
516	516	391	SLU_ENV	Min	-8.52	0.	0.
516	516	392	SLU_ENV	Min	-8.52	0.	0.
516	516	405	SLU_ENV	Min	-8.52	0.	0.
516	516	404	SLU_ENV	Min	-8.52	0.	0.
516	516	391	SLV_Ex		-1.52	99.74	-0.871
516	516	392	SLV_Ex		-1.52	99.74	-0.871
516	516	405	SLV_Ex		-1.52	99.74	-0.871
516	516	404	SLV_Ex		-1.52	99.74	-0.871
517	517	392	SLU_ENV	Max	-1.	0.	0.
517	517	393	SLU_ENV	Max	-1.	0.	0.
517	517	406	SLU_ENV	Max	-1.	0.	0.
517	517	405	SLU_ENV	Max	-1.	0.	0.
517	517	392	SLU_ENV	Min	-5.05	0.	0.
517	517	393	SLU_ENV	Min	-5.05	0.	0.
517	517	406	SLU_ENV	Min	-5.05	0.	0.
517	517	405	SLU_ENV	Min	-5.05	0.	0.
517	517	392	SLV_Ex		-1.65	24.15	-3.928
517	517	393	SLV_Ex		-1.65	24.15	-3.928
517	517	406	SLV_Ex		-1.65	24.15	-3.928
517	517	405	SLV_Ex		-1.65	24.15	-3.928
518	518	393	SLU_ENV	Max	2.54	0.	0.
518	518	457	SLU_ENV	Max	2.54	0.	0.
518	518	475	SLU_ENV	Max	2.54	0.	0.
518	518	406	SLU_ENV	Max	2.54	0.	0.
518	518	393	SLU_ENV	Min	-2.15	0.	0.
518	518	457	SLU_ENV	Min	-2.15	0.	0.
518	518	475	SLU_ENV	Min	-2.15	0.	0.
518	518	406	SLU_ENV	Min	-2.15	0.	0.
518	518	393	SLV_Ex		-0.13	83.88	-179.913
518	518	457	SLV_Ex		-0.13	83.88	-179.913
518	518	475	SLV_Ex		-0.13	83.88	-179.913
518	518	406	SLV_Ex		-0.13	83.88	-179.913
519	519	223	SLU_ENV	Max	1.77	0.	0.
519	519	394	SLU_ENV	Max	1.77	0.	0.
519	519	407	SLU_ENV	Max	1.77	0.	0.
519	519	250	SLU_ENV	Max	1.77	0.	0.
519	519	223	SLU_ENV	Min	-5.05	0.	0.
519	519	394	SLU_ENV	Min	-5.05	0.	0.
519	519	407	SLU_ENV	Min	-5.05	0.	0.
519	519	250	SLU_ENV	Min	-5.05	0.	0.
519	519	223	SLV_Ex		-2.57	255.52	-0.576
519	519	394	SLV_Ex		-2.57	255.52	-0.576
519	519	407	SLV_Ex		-2.57	255.52	-0.576
519	519	250	SLV_Ex		-2.57	255.52	-0.576
520	520	394	SLU_ENV	Max	-1.64	0.	0.
520	520	395	SLU_ENV	Max	-1.64	0.	0.
520	520	408	SLU_ENV	Max	-1.64	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
520	520	407	SLU_ENV	Max	-1.64	0.	0.
520	520	394	SLU_ENV	Min	-6.24	0.	0.
520	520	395	SLU_ENV	Min	-6.24	0.	0.
520	520	408	SLU_ENV	Min	-6.24	0.	0.
520	520	407	SLU_ENV	Min	-6.24	0.	0.
520	520	394	SLV_Ex		0.3	246.3	0.07
520	520	395	SLV_Ex		0.3	246.3	0.07
520	520	408	SLV_Ex		0.3	246.3	0.07
520	520	407	SLV_Ex		0.3	246.3	0.07
521	521	395	SLU_ENV	Max	-1.3	0.	0.
521	521	396	SLU_ENV	Max	-1.3	0.	0.
521	521	409	SLU_ENV	Max	-1.3	0.	0.
521	521	408	SLU_ENV	Max	-1.3	0.	0.
521	521	395	SLU_ENV	Min	-8.8	0.	0.
521	521	396	SLU_ENV	Min	-8.8	0.	0.
521	521	409	SLU_ENV	Min	-8.8	0.	0.
521	521	408	SLU_ENV	Min	-8.8	0.	0.
521	521	395	SLV_Ex		0.11	224.46	0.029
521	521	396	SLV_Ex		0.11	224.46	0.029
521	521	409	SLV_Ex		0.11	224.46	0.029
521	521	408	SLV_Ex		0.11	224.46	0.029
522	522	396	SLU_ENV	Max	-1.14	0.	0.
522	522	397	SLU_ENV	Max	-1.14	0.	0.
522	522	410	SLU_ENV	Max	-1.14	0.	0.
522	522	409	SLU_ENV	Max	-1.14	0.	0.
522	522	396	SLU_ENV	Min	-9.92	0.	0.
522	522	397	SLU_ENV	Min	-9.92	0.	0.
522	522	410	SLU_ENV	Min	-9.92	0.	0.
522	522	409	SLU_ENV	Min	-9.92	0.	0.
522	522	396	SLV_Ex		-0.74	193.44	-0.218
522	522	397	SLV_Ex		-0.74	193.44	-0.218
522	522	410	SLV_Ex		-0.74	193.44	-0.218
522	522	409	SLV_Ex		-0.74	193.44	-0.218
523	523	397	SLU_ENV	Max	-1.14	0.	0.
523	523	404	SLU_ENV	Max	-1.14	0.	0.
523	523	411	SLU_ENV	Max	-1.14	0.	0.
523	523	410	SLU_ENV	Max	-1.14	0.	0.
523	523	397	SLU_ENV	Min	-9.92	0.	0.
523	523	404	SLU_ENV	Min	-9.92	0.	0.
523	523	411	SLU_ENV	Min	-9.92	0.	0.
523	523	410	SLU_ENV	Min	-9.92	0.	0.
523	523	397	SLV_Ex		-1.42	152.99	-0.531
523	523	404	SLV_Ex		-1.42	152.99	-0.531
523	523	411	SLV_Ex		-1.42	152.99	-0.531
523	523	410	SLV_Ex		-1.42	152.99	-0.531
524	524	404	SLU_ENV	Max	-1.3	0.	0.
524	524	405	SLU_ENV	Max	-1.3	0.	0.
524	524	412	SLU_ENV	Max	-1.3	0.	0.
524	524	411	SLU_ENV	Max	-1.3	0.	0.
524	524	404	SLU_ENV	Min	-8.8	0.	0.
524	524	405	SLU_ENV	Min	-8.8	0.	0.
524	524	412	SLU_ENV	Min	-8.8	0.	0.
524	524	411	SLU_ENV	Min	-8.8	0.	0.
524	524	404	SLV_Ex		-2.98	98.74	-1.728

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
524	524	405	SLV_Ex		-2.98	98.74	-1.728
524	524	412	SLV_Ex		-2.98	98.74	-1.728
524	524	411	SLV_Ex		-2.98	98.74	-1.728
525	525	405	SLU_ENV	Max	-1.64	0.	0.
525	525	406	SLU_ENV	Max	-1.64	0.	0.
525	525	413	SLU_ENV	Max	-1.64	0.	0.
525	525	412	SLU_ENV	Max	-1.64	0.	0.
525	525	405	SLU_ENV	Min	-6.24	0.	0.
525	525	406	SLU_ENV	Min	-6.24	0.	0.
525	525	413	SLU_ENV	Min	-6.24	0.	0.
525	525	412	SLU_ENV	Min	-6.24	0.	0.
525	525	405	SLV_Ex		-4.78	23.72	-11.633
525	525	406	SLV_Ex		-4.78	23.72	-11.633
525	525	413	SLV_Ex		-4.78	23.72	-11.633
525	525	412	SLV_Ex		-4.78	23.72	-11.633
526	526	406	SLU_ENV	Max	1.77	0.	0.
526	526	475	SLU_ENV	Max	1.77	0.	0.
526	526	493	SLU_ENV	Max	1.77	0.	0.
526	526	413	SLU_ENV	Max	1.77	0.	0.
526	526	406	SLU_ENV	Min	-5.05	0.	0.
526	526	475	SLU_ENV	Min	-5.05	0.	0.
526	526	493	SLU_ENV	Min	-5.05	0.	0.
526	526	413	SLU_ENV	Min	-5.05	0.	0.
526	526	406	SLV_Ex		-4.44	81.08	-176.863
526	526	475	SLV_Ex		-4.44	81.08	-176.863
526	526	493	SLV_Ex		-4.44	81.08	-176.863
526	526	413	SLV_Ex		-4.44	81.08	-176.863
527	527	250	SLU_ENV	Max	0.64	0.	0.
527	527	407	SLU_ENV	Max	0.64	0.	0.
527	527	414	SLU_ENV	Max	0.64	0.	0.
527	527	277	SLU_ENV	Max	0.64	0.	0.
527	527	250	SLU_ENV	Min	-9.75	0.	0.
527	527	407	SLU_ENV	Min	-9.75	0.	0.
527	527	414	SLU_ENV	Min	-9.75	0.	0.
527	527	277	SLU_ENV	Min	-9.75	0.	0.
527	527	250	SLV_Ex		7.39	256.45	1.652
527	527	407	SLV_Ex		7.39	256.45	1.652
527	527	414	SLV_Ex		7.39	256.45	1.652
527	527	277	SLV_Ex		7.39	256.45	1.652
528	528	407	SLU_ENV	Max	-1.95	0.	0.
528	528	408	SLU_ENV	Max	-1.95	0.	0.
528	528	415	SLU_ENV	Max	-1.95	0.	0.
528	528	414	SLU_ENV	Max	-1.95	0.	0.
528	528	407	SLU_ENV	Min	-6.59	0.	0.
528	528	408	SLU_ENV	Min	-6.59	0.	0.
528	528	415	SLU_ENV	Min	-6.59	0.	0.
528	528	414	SLU_ENV	Min	-6.59	0.	0.
528	528	407	SLV_Ex		3.92	244.63	0.918
528	528	408	SLV_Ex		3.92	244.63	0.918
528	528	415	SLV_Ex		3.92	244.63	0.918
528	528	414	SLV_Ex		3.92	244.63	0.918
529	529	408	SLU_ENV	Max	-1.31	0.	0.
529	529	409	SLU_ENV	Max	-1.31	0.	0.
529	529	422	SLU_ENV	Max	-1.31	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
529	529	415	SLU_ENV	Max	-1.31	0.	0.
529	529	408	SLU_ENV	Min	-7.73	0.	0.
529	529	409	SLU_ENV	Min	-7.73	0.	0.
529	529	422	SLU_ENV	Min	-7.73	0.	0.
529	529	415	SLU_ENV	Min	-7.73	0.	0.
529	529	408	SLV_Ex		0.73	222.84	0.188
529	529	409	SLV_Ex		0.73	222.84	0.188
529	529	422	SLV_Ex		0.73	222.84	0.188
529	529	415	SLV_Ex		0.73	222.84	0.188
530	530	409	SLU_ENV	Max	-1.09	0.	0.
530	530	410	SLU_ENV	Max	-1.09	0.	0.
530	530	423	SLU_ENV	Max	-1.09	0.	0.
530	530	422	SLU_ENV	Max	-1.09	0.	0.
530	530	409	SLU_ENV	Min	-8.33	0.	0.
530	530	410	SLU_ENV	Min	-8.33	0.	0.
530	530	423	SLU_ENV	Min	-8.33	0.	0.
530	530	422	SLU_ENV	Min	-8.33	0.	0.
530	530	409	SLV_Ex		-0.25	191.7	-0.074
530	530	410	SLV_Ex		-0.25	191.7	-0.074
530	530	423	SLV_Ex		-0.25	191.7	-0.074
530	530	422	SLV_Ex		-0.25	191.7	-0.074
531	531	410	SLU_ENV	Max	-1.09	0.	0.
531	531	411	SLU_ENV	Max	-1.09	0.	0.
531	531	424	SLU_ENV	Max	-1.09	0.	0.
531	531	423	SLU_ENV	Max	-1.09	0.	0.
531	531	410	SLU_ENV	Min	-8.33	0.	0.
531	531	411	SLU_ENV	Min	-8.33	0.	0.
531	531	424	SLU_ENV	Min	-8.33	0.	0.
531	531	423	SLU_ENV	Min	-8.33	0.	0.
531	531	410	SLV_Ex		-1.76	151.1	-0.668
531	531	411	SLV_Ex		-1.76	151.1	-0.668
531	531	424	SLV_Ex		-1.76	151.1	-0.668
531	531	423	SLV_Ex		-1.76	151.1	-0.668
532	532	411	SLU_ENV	Max	-1.31	0.	0.
532	532	412	SLU_ENV	Max	-1.31	0.	0.
532	532	425	SLU_ENV	Max	-1.31	0.	0.
532	532	424	SLU_ENV	Max	-1.31	0.	0.
532	532	411	SLU_ENV	Min	-7.73	0.	0.
532	532	412	SLU_ENV	Min	-7.73	0.	0.
532	532	425	SLU_ENV	Min	-7.73	0.	0.
532	532	424	SLU_ENV	Min	-7.73	0.	0.
532	532	411	SLV_Ex		-3.49	96.29	-2.077
532	532	412	SLV_Ex		-3.49	96.29	-2.077
532	532	425	SLV_Ex		-3.49	96.29	-2.077
532	532	424	SLV_Ex		-3.49	96.29	-2.077
533	533	412	SLU_ENV	Max	-1.95	0.	0.
533	533	413	SLU_ENV	Max	-1.95	0.	0.
533	533	426	SLU_ENV	Max	-1.95	0.	0.
533	533	425	SLU_ENV	Max	-1.95	0.	0.
533	533	412	SLU_ENV	Min	-6.59	0.	0.
533	533	413	SLU_ENV	Min	-6.59	0.	0.
533	533	426	SLU_ENV	Min	-6.59	0.	0.
533	533	425	SLU_ENV	Min	-6.59	0.	0.
533	533	412	SLV_Ex		-8.7	20.82	-24.693

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
533	533	413	SLV_Ex		-8.7	20.82	-24.693
533	533	426	SLV_Ex		-8.7	20.82	-24.693
533	533	425	SLV_Ex		-8.7	20.82	-24.693
534	534	413	SLU_ENV	Max	0.64	0.	0.
534	534	493	SLU_ENV	Max	0.64	0.	0.
534	534	511	SLU_ENV	Max	0.64	0.	0.
534	534	426	SLU_ENV	Max	0.64	0.	0.
534	534	413	SLU_ENV	Min	-9.75	0.	0.
534	534	493	SLU_ENV	Min	-9.75	0.	0.
534	534	511	SLU_ENV	Min	-9.75	0.	0.
534	534	426	SLU_ENV	Min	-9.75	0.	0.
534	534	413	SLV_Ex		-18.01	87.91	-168.179
534	534	493	SLV_Ex		-18.01	87.91	-168.179
534	534	511	SLV_Ex		-18.01	87.91	-168.179
534	534	426	SLV_Ex		-18.01	87.91	-168.179
535	535	277	SLU_ENV	Max	0.59	0.	0.
535	535	414	SLU_ENV	Max	0.59	0.	0.
535	535	427	SLU_ENV	Max	0.59	0.	0.
535	535	304	SLU_ENV	Max	0.59	0.	0.
535	535	277	SLU_ENV	Min	-7.44	0.	0.
535	535	414	SLU_ENV	Min	-7.44	0.	0.
535	535	427	SLU_ENV	Min	-7.44	0.	0.
535	535	304	SLU_ENV	Min	-7.44	0.	0.
535	535	277	SLV_Ex		24.41	237.31	5.904
535	535	414	SLV_Ex		24.41	237.31	5.904
535	535	427	SLV_Ex		24.41	237.31	5.904
535	535	304	SLV_Ex		24.41	237.31	5.904
536	536	414	SLU_ENV	Max	-1.01	0.	0.
536	536	415	SLU_ENV	Max	-1.01	0.	0.
536	536	428	SLU_ENV	Max	-1.01	0.	0.
536	536	427	SLU_ENV	Max	-1.01	0.	0.
536	536	414	SLU_ENV	Min	-3.71	0.	0.
536	536	415	SLU_ENV	Min	-3.71	0.	0.
536	536	428	SLU_ENV	Min	-3.71	0.	0.
536	536	427	SLU_ENV	Min	-3.71	0.	0.
536	536	414	SLV_Ex		2.79	238.45	0.671
536	536	415	SLV_Ex		2.79	238.45	0.671
536	536	428	SLV_Ex		2.79	238.45	0.671
536	536	427	SLV_Ex		2.79	238.45	0.671
537	537	415	SLU_ENV	Max	-0.65	0.	0.
537	537	422	SLU_ENV	Max	-0.65	0.	0.
537	537	429	SLU_ENV	Max	-0.65	0.	0.
537	537	428	SLU_ENV	Max	-0.65	0.	0.
537	537	415	SLU_ENV	Min	-3.89	0.	0.
537	537	422	SLU_ENV	Min	-3.89	0.	0.
537	537	429	SLU_ENV	Min	-3.89	0.	0.
537	537	428	SLU_ENV	Min	-3.89	0.	0.
537	537	415	SLV_Ex		1.2	219.22	0.315
537	537	422	SLV_Ex		1.2	219.22	0.315
537	537	429	SLV_Ex		1.2	219.22	0.315
537	537	428	SLV_Ex		1.2	219.22	0.315
538	538	422	SLU_ENV	Max	-0.62	0.	0.
538	538	423	SLU_ENV	Max	-0.62	0.	0.
538	538	430	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
538	538	429	SLU_ENV	Max	-0.62	0.	0.
538	538	422	SLU_ENV	Min	-4.21	0.	0.
538	538	423	SLU_ENV	Min	-4.21	0.	0.
538	538	430	SLU_ENV	Min	-4.21	0.	0.
538	538	429	SLU_ENV	Min	-4.21	0.	0.
538	538	422	SLV_Ex		-0.19	189.15	-0.057
538	538	423	SLV_Ex		-0.19	189.15	-0.057
538	538	430	SLV_Ex		-0.19	189.15	-0.057
538	538	429	SLV_Ex		-0.19	189.15	-0.057
539	539	423	SLU_ENV	Max	-0.62	0.	0.
539	539	424	SLU_ENV	Max	-0.62	0.	0.
539	539	431	SLU_ENV	Max	-0.62	0.	0.
539	539	430	SLU_ENV	Max	-0.62	0.	0.
539	539	423	SLU_ENV	Min	-4.21	0.	0.
539	539	424	SLU_ENV	Min	-4.21	0.	0.
539	539	431	SLU_ENV	Min	-4.21	0.	0.
539	539	430	SLU_ENV	Min	-4.21	0.	0.
539	539	423	SLV_Ex		-0.99	148.67	-0.382
539	539	424	SLV_Ex		-0.99	148.67	-0.382
539	539	431	SLV_Ex		-0.99	148.67	-0.382
539	539	430	SLV_Ex		-0.99	148.67	-0.382
540	540	424	SLU_ENV	Max	-0.65	0.	0.
540	540	425	SLU_ENV	Max	-0.65	0.	0.
540	540	432	SLU_ENV	Max	-0.65	0.	0.
540	540	431	SLU_ENV	Max	-0.65	0.	0.
540	540	424	SLU_ENV	Min	-3.89	0.	0.
540	540	425	SLU_ENV	Min	-3.89	0.	0.
540	540	432	SLU_ENV	Min	-3.89	0.	0.
540	540	431	SLU_ENV	Min	-3.89	0.	0.
540	540	424	SLV_Ex		-2.4	92.97	-1.478
540	540	425	SLV_Ex		-2.4	92.97	-1.478
540	540	432	SLV_Ex		-2.4	92.97	-1.478
540	540	431	SLV_Ex		-2.4	92.97	-1.478
541	541	425	SLU_ENV	Max	-1.01	0.	0.
541	541	426	SLU_ENV	Max	-1.01	0.	0.
541	541	433	SLU_ENV	Max	-1.01	0.	0.
541	541	432	SLU_ENV	Max	-1.01	0.	0.
541	541	425	SLU_ENV	Min	-3.71	0.	0.
541	541	426	SLU_ENV	Min	-3.71	0.	0.
541	541	433	SLU_ENV	Min	-3.71	0.	0.
541	541	432	SLU_ENV	Min	-3.71	0.	0.
541	541	425	SLV_Ex		-4.85	13.36	-21.311
541	541	426	SLV_Ex		-4.85	13.36	-21.311
541	541	433	SLV_Ex		-4.85	13.36	-21.311
541	541	432	SLV_Ex		-4.85	13.36	-21.311
542	542	426	SLU_ENV	Max	0.59	0.	0.
542	542	511	SLU_ENV	Max	0.59	0.	0.
542	542	529	SLU_ENV	Max	0.59	0.	0.
542	542	433	SLU_ENV	Max	0.59	0.	0.
542	542	426	SLU_ENV	Min	-7.44	0.	0.
542	542	511	SLU_ENV	Min	-7.44	0.	0.
542	542	529	SLU_ENV	Min	-7.44	0.	0.
542	542	433	SLU_ENV	Min	-7.44	0.	0.
542	542	426	SLV_Ex		-28.16	114.21	-165.729

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
542	542	511	SLV_Ex		-28.16	114.21	-165.729
542	542	529	SLV_Ex		-28.16	114.21	-165.729
542	542	433	SLV_Ex		-28.16	114.21	-165.729
543	543	440	SLU_ENV	Max	15.94	0.	0.
543	543	583	SLU_ENV	Max	15.94	0.	0.
543	543	565	SLU_ENV	Max	15.94	0.	0.
543	543	441	SLU_ENV	Max	15.94	0.	0.
543	543	440	SLU_ENV	Min	2.47	0.	0.
543	543	583	SLU_ENV	Min	2.47	0.	0.
543	543	565	SLU_ENV	Min	2.47	0.	0.
543	543	441	SLU_ENV	Min	2.47	0.	0.
543	543	440	SLV_Ex		-28.39	48.64	-35.702
543	543	583	SLV_Ex		-28.39	48.64	-35.702
543	543	565	SLV_Ex		-28.39	48.64	-35.702
543	543	441	SLV_Ex		-28.39	48.64	-35.702
544	544	441	SLU_ENV	Max	23.46	0.	0.
544	544	565	SLU_ENV	Max	23.46	0.	0.
544	544	547	SLU_ENV	Max	23.46	0.	0.
544	544	442	SLU_ENV	Max	23.46	0.	0.
544	544	441	SLU_ENV	Min	4.42	0.	0.
544	544	565	SLU_ENV	Min	4.42	0.	0.
544	544	547	SLU_ENV	Min	4.42	0.	0.
544	544	442	SLU_ENV	Min	4.42	0.	0.
544	544	441	SLV_Ex		-13.5	24.24	-33.834
544	544	565	SLV_Ex		-13.5	24.24	-33.834
544	544	547	SLV_Ex		-13.5	24.24	-33.834
544	544	442	SLV_Ex		-13.5	24.24	-33.834
545	545	442	SLU_ENV	Max	16.23	0.	0.
545	545	547	SLU_ENV	Max	16.23	0.	0.
545	545	120	SLU_ENV	Max	16.23	0.	0.
545	545	443	SLU_ENV	Max	16.23	0.	0.
545	545	442	SLU_ENV	Min	2.6	0.	0.
545	545	547	SLU_ENV	Min	2.6	0.	0.
545	545	120	SLU_ENV	Min	2.6	0.	0.
545	545	443	SLU_ENV	Min	2.6	0.	0.
545	545	442	SLV_Ex		1.56	23.41	3.811
545	545	547	SLV_Ex		1.56	23.41	3.811
545	545	120	SLV_Ex		1.56	23.41	3.811
545	545	443	SLV_Ex		1.56	23.41	3.811
546	546	443	SLU_ENV	Max	9.67	0.	0.
546	546	120	SLU_ENV	Max	9.67	0.	0.
546	546	7	SLU_ENV	Max	9.67	0.	0.
546	546	444	SLU_ENV	Max	9.67	0.	0.
546	546	443	SLU_ENV	Min	0.99	0.	0.
546	546	120	SLU_ENV	Min	0.99	0.	0.
546	546	7	SLU_ENV	Min	0.99	0.	0.
546	546	444	SLU_ENV	Min	0.99	0.	0.
546	546	443	SLV_Ex		5.56	27.88	11.506
546	546	120	SLV_Ex		5.56	27.88	11.506
546	546	7	SLV_Ex		5.56	27.88	11.506
546	546	444	SLV_Ex		5.56	27.88	11.506
547	547	444	SLU_ENV	Max	7.	0.	0.
547	547	7	SLU_ENV	Max	7.	0.	0.
547	547	35	SLU_ENV	Max	7.	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
547	547	445	SLU_ENV	Max	7.	0.	0.
547	547	444	SLU_ENV	Min	0.29	0.	0.
547	547	7	SLU_ENV	Min	0.29	0.	0.
547	547	35	SLU_ENV	Min	0.29	0.	0.
547	547	445	SLU_ENV	Min	0.29	0.	0.
547	547	444	SLV_Ex		5.03	29.18	9.926
547	547	7	SLV_Ex		5.03	29.18	9.926
547	547	35	SLV_Ex		5.03	29.18	9.926
547	547	445	SLV_Ex		5.03	29.18	9.926
548	548	445	SLU_ENV	Max	6.27	0.	0.
548	548	35	SLU_ENV	Max	6.27	0.	0.
548	548	62	SLU_ENV	Max	6.27	0.	0.
548	548	446	SLU_ENV	Max	6.27	0.	0.
548	548	445	SLU_ENV	Min	-0.21	0.	0.
548	548	35	SLU_ENV	Min	-0.21	0.	0.
548	548	62	SLU_ENV	Min	-0.21	0.	0.
548	548	446	SLU_ENV	Min	-0.21	0.	0.
548	548	445	SLV_Ex		3.3	29.1	6.51
548	548	35	SLV_Ex		3.3	29.1	6.51
548	548	62	SLV_Ex		3.3	29.1	6.51
548	548	446	SLV_Ex		3.3	29.1	6.51
549	549	446	SLU_ENV	Max	6.16	0.	0.
549	549	62	SLU_ENV	Max	6.16	0.	0.
549	549	89	SLU_ENV	Max	6.16	0.	0.
549	549	447	SLU_ENV	Max	6.16	0.	0.
549	549	446	SLU_ENV	Min	-0.34	0.	0.
549	549	62	SLU_ENV	Min	-0.34	0.	0.
549	549	89	SLU_ENV	Min	-0.34	0.	0.
549	549	447	SLU_ENV	Min	-0.34	0.	0.
549	549	446	SLV_Ex		1.72	28.8	3.424
549	549	62	SLV_Ex		1.72	28.8	3.424
549	549	89	SLV_Ex		1.72	28.8	3.424
549	549	447	SLV_Ex		1.72	28.8	3.424
550	550	447	SLU_ENV	Max	6.14	0.	0.
550	550	89	SLU_ENV	Max	6.14	0.	0.
550	550	142	SLU_ENV	Max	6.14	0.	0.
550	550	448	SLU_ENV	Max	6.14	0.	0.
550	550	447	SLU_ENV	Min	-0.29	0.	0.
550	550	89	SLU_ENV	Min	-0.29	0.	0.
550	550	142	SLU_ENV	Min	-0.29	0.	0.
550	550	448	SLU_ENV	Min	-0.29	0.	0.
550	550	447	SLV_Ex		0.42	28.66	0.84
550	550	89	SLV_Ex		0.42	28.66	0.84
550	550	142	SLV_Ex		0.42	28.66	0.84
550	550	448	SLV_Ex		0.42	28.66	0.84
551	551	448	SLU_ENV	Max	6.06	0.	0.
551	551	142	SLU_ENV	Max	6.06	0.	0.
551	551	169	SLU_ENV	Max	6.06	0.	0.
551	551	449	SLU_ENV	Max	6.06	0.	0.
551	551	448	SLU_ENV	Min	-0.31	0.	0.
551	551	142	SLU_ENV	Min	-0.31	0.	0.
551	551	169	SLU_ENV	Min	-0.31	0.	0.
551	551	449	SLU_ENV	Min	-0.31	0.	0.
551	551	448	SLV_Ex		-0.98	28.73	-1.961

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
551	551	142	SLV_Ex		-0.98	28.73	-1.961
551	551	169	SLV_Ex		-0.98	28.73	-1.961
551	551	449	SLV_Ex		-0.98	28.73	-1.961
552	552	449	SLU_ENV	Max	5.8	0.	0.
552	552	169	SLU_ENV	Max	5.8	0.	0.
552	552	196	SLU_ENV	Max	5.8	0.	0.
552	552	450	SLU_ENV	Max	5.8	0.	0.
552	552	449	SLU_ENV	Min	-0.73	0.	0.
552	552	169	SLU_ENV	Min	-0.73	0.	0.
552	552	196	SLU_ENV	Min	-0.73	0.	0.
552	552	450	SLU_ENV	Min	-0.73	0.	0.
552	552	449	SLV_Ex		-2.66	28.81	-5.304
552	552	169	SLV_Ex		-2.66	28.81	-5.304
552	552	196	SLV_Ex		-2.66	28.81	-5.304
552	552	450	SLV_Ex		-2.66	28.81	-5.304
553	553	450	SLU_ENV	Max	5.23	0.	0.
553	553	196	SLU_ENV	Max	5.23	0.	0.
553	553	223	SLU_ENV	Max	5.23	0.	0.
553	553	451	SLU_ENV	Max	5.23	0.	0.
553	553	450	SLU_ENV	Min	-2.21	0.	0.
553	553	196	SLU_ENV	Min	-2.21	0.	0.
553	553	223	SLU_ENV	Min	-2.21	0.	0.
553	553	451	SLU_ENV	Min	-2.21	0.	0.
553	553	450	SLV_Ex		-4.09	28.19	-8.348
553	553	196	SLV_Ex		-4.09	28.19	-8.348
553	553	223	SLV_Ex		-4.09	28.19	-8.348
553	553	451	SLV_Ex		-4.09	28.19	-8.348
554	554	451	SLU_ENV	Max	4.13	0.	0.
554	554	223	SLU_ENV	Max	4.13	0.	0.
554	554	250	SLU_ENV	Max	4.13	0.	0.
554	554	458	SLU_ENV	Max	4.13	0.	0.
554	554	451	SLU_ENV	Min	-5.74	0.	0.
554	554	223	SLU_ENV	Min	-5.74	0.	0.
554	554	250	SLU_ENV	Min	-5.74	0.	0.
554	554	458	SLU_ENV	Min	-5.74	0.	0.
554	554	451	SLV_Ex		-2.16	24.62	-5.045
554	554	223	SLV_Ex		-2.16	24.62	-5.045
554	554	250	SLV_Ex		-2.16	24.62	-5.045
554	554	458	SLV_Ex		-2.16	24.62	-5.045
555	555	458	SLU_ENV	Max	2.4	0.	0.
555	555	250	SLU_ENV	Max	2.4	0.	0.
555	555	277	SLU_ENV	Max	2.4	0.	0.
555	555	459	SLU_ENV	Max	2.4	0.	0.
555	555	458	SLU_ENV	Min	-11.25	0.	0.
555	555	250	SLU_ENV	Min	-11.25	0.	0.
555	555	277	SLU_ENV	Min	-11.25	0.	0.
555	555	459	SLU_ENV	Min	-11.25	0.	0.
555	555	458	SLV_Ex		11.16	23.01	29.019
555	555	250	SLV_Ex		11.16	23.01	29.019
555	555	277	SLV_Ex		11.16	23.01	29.019
555	555	459	SLV_Ex		11.16	23.01	29.019
556	556	459	SLU_ENV	Max	1.22	0.	0.
556	556	277	SLU_ENV	Max	1.22	0.	0.
556	556	304	SLU_ENV	Max	1.22	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
556	556	460	SLU_ENV	Max	1.22	0.	0.
556	556	459	SLU_ENV	Min	-8.43	0.	0.
556	556	277	SLU_ENV	Min	-8.43	0.	0.
556	556	304	SLU_ENV	Min	-8.43	0.	0.
556	556	460	SLU_ENV	Min	-8.43	0.	0.
556	556	459	SLV_Ex		27.67	46.67	36.369
556	556	277	SLV_Ex		27.67	46.67	36.369
556	556	304	SLV_Ex		27.67	46.67	36.369
556	556	460	SLV_Ex		27.67	46.67	36.369
613	613	750	SLU_ENV	Max	15.94	0.	0.
613	613	550	SLU_ENV	Max	15.94	0.	0.
613	613	551	SLU_ENV	Max	15.94	0.	0.
613	613	734	SLU_ENV	Max	15.94	0.	0.
613	613	750	SLU_ENV	Min	2.47	0.	0.
613	613	550	SLU_ENV	Min	2.47	0.	0.
613	613	551	SLU_ENV	Min	2.47	0.	0.
613	613	734	SLU_ENV	Min	2.47	0.	0.
613	613	750	SLV_Ex		29.08	116.06	14.509
613	613	550	SLV_Ex		29.08	116.06	14.509
613	613	551	SLV_Ex		29.08	116.06	14.509
613	613	734	SLV_Ex		29.08	116.06	14.509
614	614	734	SLU_ENV	Max	23.46	0.	0.
614	614	551	SLU_ENV	Max	23.46	0.	0.
614	614	552	SLU_ENV	Max	23.46	0.	0.
614	614	718	SLU_ENV	Max	23.46	0.	0.
614	614	734	SLU_ENV	Min	4.42	0.	0.
614	614	551	SLU_ENV	Min	4.42	0.	0.
614	614	552	SLU_ENV	Min	4.42	0.	0.
614	614	718	SLU_ENV	Min	4.42	0.	0.
614	614	734	SLV_Ex		23.01	95.77	13.903
614	614	551	SLV_Ex		23.01	95.77	13.903
614	614	552	SLV_Ex		23.01	95.77	13.903
614	614	718	SLV_Ex		23.01	95.77	13.903
615	615	718	SLU_ENV	Max	16.23	0.	0.
615	615	552	SLU_ENV	Max	16.23	0.	0.
615	615	553	SLU_ENV	Max	16.23	0.	0.
615	615	331	SLU_ENV	Max	16.23	0.	0.
615	615	718	SLU_ENV	Min	2.6	0.	0.
615	615	552	SLU_ENV	Min	2.6	0.	0.
615	615	553	SLU_ENV	Min	2.6	0.	0.
615	615	331	SLU_ENV	Min	2.6	0.	0.
615	615	718	SLV_Ex		6.06	92.98	3.74
615	615	552	SLV_Ex		6.06	92.98	3.74
615	615	553	SLV_Ex		6.06	92.98	3.74
615	615	331	SLV_Ex		6.06	92.98	3.74
616	616	331	SLU_ENV	Max	9.67	0.	0.
616	616	553	SLU_ENV	Max	9.67	0.	0.
616	616	554	SLU_ENV	Max	9.67	0.	0.
616	616	349	SLU_ENV	Max	9.67	0.	0.
616	616	331	SLU_ENV	Min	0.99	0.	0.
616	616	553	SLU_ENV	Min	0.99	0.	0.
616	616	554	SLU_ENV	Min	0.99	0.	0.
616	616	349	SLU_ENV	Min	0.99	0.	0.
616	616	331	SLV_Ex		-1.58	97.03	-0.933

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
616	616	553	SLV_Ex		-1.58	97.03	-0.933
616	616	554	SLV_Ex		-1.58	97.03	-0.933
616	616	349	SLV_Ex		-1.58	97.03	-0.933
617	617	349	SLU_ENV	Max	7.	0.	0.
617	617	554	SLU_ENV	Max	7.	0.	0.
617	617	555	SLU_ENV	Max	7.	0.	0.
617	617	367	SLU_ENV	Max	7.	0.	0.
617	617	349	SLU_ENV	Min	0.29	0.	0.
617	617	554	SLU_ENV	Min	0.29	0.	0.
617	617	555	SLU_ENV	Min	0.29	0.	0.
617	617	367	SLU_ENV	Min	0.29	0.	0.
617	617	349	SLV_Ex		-3.19	99.36	-1.843
617	617	554	SLV_Ex		-3.19	99.36	-1.843
617	617	555	SLV_Ex		-3.19	99.36	-1.843
617	617	367	SLV_Ex		-3.19	99.36	-1.843
618	618	367	SLU_ENV	Max	6.27	0.	0.
618	618	555	SLU_ENV	Max	6.27	0.	0.
618	618	556	SLU_ENV	Max	6.27	0.	0.
618	618	385	SLU_ENV	Max	6.27	0.	0.
618	618	367	SLU_ENV	Min	-0.21	0.	0.
618	618	555	SLU_ENV	Min	-0.21	0.	0.
618	618	556	SLU_ENV	Min	-0.21	0.	0.
618	618	385	SLU_ENV	Min	-0.21	0.	0.
618	618	367	SLV_Ex		-2.78	100.09	-1.594
618	618	555	SLV_Ex		-2.78	100.09	-1.594
618	618	556	SLV_Ex		-2.78	100.09	-1.594
618	618	385	SLV_Ex		-2.78	100.09	-1.594
619	619	385	SLU_ENV	Max	6.16	0.	0.
619	619	556	SLU_ENV	Max	6.16	0.	0.
619	619	557	SLU_ENV	Max	6.16	0.	0.
619	619	403	SLU_ENV	Max	6.16	0.	0.
619	619	385	SLU_ENV	Min	-0.34	0.	0.
619	619	556	SLU_ENV	Min	-0.34	0.	0.
619	619	557	SLU_ENV	Min	-0.34	0.	0.
619	619	403	SLU_ENV	Min	-0.34	0.	0.
619	619	385	SLV_Ex		-1.82	100.36	-1.041
619	619	556	SLV_Ex		-1.82	100.36	-1.041
619	619	557	SLV_Ex		-1.82	100.36	-1.041
619	619	403	SLV_Ex		-1.82	100.36	-1.041
620	620	403	SLU_ENV	Max	6.14	0.	0.
620	620	557	SLU_ENV	Max	6.14	0.	0.
620	620	558	SLU_ENV	Max	6.14	0.	0.
620	620	421	SLU_ENV	Max	6.14	0.	0.
620	620	403	SLU_ENV	Min	-0.29	0.	0.
620	620	557	SLU_ENV	Min	-0.29	0.	0.
620	620	558	SLU_ENV	Min	-0.29	0.	0.
620	620	421	SLU_ENV	Min	-0.29	0.	0.
620	620	403	SLV_Ex		-0.84	100.5	-0.479
620	620	557	SLV_Ex		-0.84	100.5	-0.479
620	620	558	SLV_Ex		-0.84	100.5	-0.479
620	620	421	SLV_Ex		-0.84	100.5	-0.479
621	621	421	SLU_ENV	Max	6.06	0.	0.
621	621	558	SLU_ENV	Max	6.06	0.	0.
621	621	559	SLU_ENV	Max	6.06	0.	0.

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

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
621	621	439	SLU_ENV	Max	6.06	0.	0.
621	621	421	SLU_ENV	Min	-0.31	0.	0.
621	621	558	SLU_ENV	Min	-0.31	0.	0.
621	621	559	SLU_ENV	Min	-0.31	0.	0.
621	621	439	SLU_ENV	Min	-0.31	0.	0.
621	621	421	SLV_Ex		0.17	100.56	0.097
621	621	558	SLV_Ex		0.17	100.56	0.097
621	621	559	SLV_Ex		0.17	100.56	0.097
621	621	439	SLV_Ex		0.17	100.56	0.097
622	622	439	SLU_ENV	Max	5.8	0.	0.
622	622	559	SLU_ENV	Max	5.8	0.	0.
622	622	560	SLU_ENV	Max	5.8	0.	0.
622	622	457	SLU_ENV	Max	5.8	0.	0.
622	622	439	SLU_ENV	Min	-0.73	0.	0.
622	622	559	SLU_ENV	Min	-0.73	0.	0.
622	622	560	SLU_ENV	Min	-0.73	0.	0.
622	622	457	SLU_ENV	Min	-0.73	0.	0.
622	622	439	SLV_Ex		0.88	100.27	0.502
622	622	559	SLV_Ex		0.88	100.27	0.502
622	622	560	SLV_Ex		0.88	100.27	0.502
622	622	457	SLV_Ex		0.88	100.27	0.502
623	623	457	SLU_ENV	Max	5.23	0.	0.
623	623	560	SLU_ENV	Max	5.23	0.	0.
623	623	566	SLU_ENV	Max	5.23	0.	0.
623	623	475	SLU_ENV	Max	5.23	0.	0.
623	623	457	SLU_ENV	Min	-2.21	0.	0.
623	623	560	SLU_ENV	Min	-2.21	0.	0.
623	623	566	SLU_ENV	Min	-2.21	0.	0.
623	623	475	SLU_ENV	Min	-2.21	0.	0.
623	623	457	SLV_Ex		0.13	98.96	0.075
623	623	560	SLV_Ex		0.13	98.96	0.075
623	623	566	SLV_Ex		0.13	98.96	0.075
623	623	475	SLV_Ex		0.13	98.96	0.075
624	624	475	SLU_ENV	Max	4.13	0.	0.
624	624	566	SLU_ENV	Max	4.13	0.	0.
624	624	567	SLU_ENV	Max	4.13	0.	0.
624	624	493	SLU_ENV	Max	4.13	0.	0.
624	624	475	SLU_ENV	Min	-5.74	0.	0.
624	624	566	SLU_ENV	Min	-5.74	0.	0.
624	624	567	SLU_ENV	Min	-5.74	0.	0.
624	624	493	SLU_ENV	Min	-5.74	0.	0.
624	624	475	SLV_Ex		-5.59	95.48	-3.356
624	624	566	SLV_Ex		-5.59	95.48	-3.356
624	624	567	SLV_Ex		-5.59	95.48	-3.356
624	624	493	SLV_Ex		-5.59	95.48	-3.356
625	625	493	SLU_ENV	Max	2.4	0.	0.
625	625	567	SLU_ENV	Max	2.4	0.	0.
625	625	568	SLU_ENV	Max	2.4	0.	0.
625	625	511	SLU_ENV	Max	2.4	0.	0.
625	625	493	SLU_ENV	Min	-11.25	0.	0.
625	625	567	SLU_ENV	Min	-11.25	0.	0.
625	625	568	SLU_ENV	Min	-11.25	0.	0.
625	625	511	SLU_ENV	Min	-11.25	0.	0.
625	625	493	SLV_Ex		-22.28	96.93	-13.29

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

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
625	625	567	SLV_Ex		-22.28	96.93	-13.29
625	625	568	SLV_Ex		-22.28	96.93	-13.29
625	625	511	SLV_Ex		-22.28	96.93	-13.29
626	626	511	SLU_ENV	Max	1.22	0.	0.
626	626	568	SLU_ENV	Max	1.22	0.	0.
626	626	569	SLU_ENV	Max	1.22	0.	0.
626	626	529	SLU_ENV	Max	1.22	0.	0.
626	626	511	SLU_ENV	Min	-8.43	0.	0.
626	626	568	SLU_ENV	Min	-8.43	0.	0.
626	626	569	SLU_ENV	Min	-8.43	0.	0.
626	626	529	SLU_ENV	Min	-8.43	0.	0.
626	626	511	SLV_Ex		-30.48	117.49	-15.035
626	626	568	SLV_Ex		-30.48	117.49	-15.035
626	626	569	SLV_Ex		-30.48	117.49	-15.035
626	626	529	SLV_Ex		-30.48	117.49	-15.035