COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

ALTA SORVEGLIANZA:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

GENERAL CONTRACTOR:

Consorzio Collegamenti Integrati Veloci

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

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

VIABILITÀ DI ACCESSO AL CANTIERE COP2 CASTAGNOLA
Relazione di calcolo opere minori
Ponte P01

GENERAL CONTRACTOR	DIRETTORE DEI LAVORI	
Consorzio **Cociv** Ing. G. Guagnozzi		

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

Progettazione :

Rev	Descrizione	Redatto	Data	Verificato	Data	Progettista Integratore	Data	IL PROGETTISTA
A00	Prima emissione	Vega Eng.	23/05/2012	Ing. F. Colla	29/05/2012	E. Pagani	31/05/2012	Ing. E. Ghislandi
B00	Revisione a seguito di istruttoria IG5101E11ISNV2200001A del 31/7/2012 e IG5101E09IS0000001A del 26/7/2012	Vega Eng.	10/10/2012	Ing. F.Colla	12/10/2012	E. Pagani	15/10/2012	

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI MILANO
DOTT. ING. GHISLANDI ENRICO
Sez. A Settori: a) civile e ambientale b) industriale c) dell'informazione
n° A 16993

	n. Elab.:	File: IG51-01-E-CV-CL-NV-22-00-001-B00

CUP: F81H92000000008

INDICE GENERALE

1. PREMESSA

La presente relazione si riferisce al calcolo del ponte sul rio di Vaie, nell'ambito degli interventi del Progetto Esecutivo dell'intervento relativo alla viabilità di accesso al cantiere COP2 Castagnola.

Tale intervento è inserito nell'ambito delle attività collaterali previste per la cantierizzazione della tratta Alta Velocità Milano – Genova, III Valico.

La zona dell'intervento è classificata sismica di classe 3 secondo l'ordinanza del Presidente del Consiglio dei Ministri n.3274 del 20.03.2003.

L'intervento consiste nella realizzazione di uno scatolare delle dimensioni in pianta pari a 9,25x5,50 m e di altezza 4 m su cui sono inseriti due muri sui lati liberi di altezza pari a circa 2 metri. Lo spessore dello scatolare è di 50 cm ed i muri hanno una sezione di basi di 50-52 cm rastremati fino a circa 40 cm. Il muro è rivestito in pietra ed è chiuso in sommità da un cordolo di 65x40 cm su cui è fissato il guard-rail.
La soluzione progettuale scelta permette una celere riapertura della strada soprastante a servizio anche di una piccola zona abitata. Successivamente la quota stradale verrà rialzata fino ad arrivare alla quota finale della viabilità in progetto.
Al fine di sgravare il carico sopra lo scatolare sono stati introdotti dei tubi di alleggerimento delle dimensioni di circa 100x100 sebbene, a vantaggio di sicurezza, sia stato eseguito il calcolo a pieno carico.

La realizzazione del manufatto prevede in una prima fase la demolizione del ponticello esistente e la formazione di una tura di monte ed una di valle allo scatolare con la relativa canalizzazione delle acque in 4 tubi corrugati flessibili ∅200 mm che riconducono l'acqua a valle dell'area di cantiere.
Per l'intera durata dei lavori, in caso di previsioni meteorologiche avverse si prevede lo sgombero dell'area di cantiere interna all'alveo e la sospensione dei lavori.

Particolare attenzione dovrà essere fatta ad eventuali interferenze di tipo impiantistico (Enel BT, Enel MT, Oleodotto), per le quali sarà necessaria una preliminare indagine in sito dell'effettivo tracciato.

2. DOCUMENTI DI RIFERIMENTO

2.1. Normative di riferimento

a)	D.M. LL.PP. +istruz. relative	16.01.1996	Norme tecniche relative ai «Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi».
b)	Circ.Min.LL.PP.	04.07.1996, n.156AA	Istruzioni relative ai «Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi» di cui al D.M. 16/01/96.
c)	Legge	05.11.1971, n.1086	Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
d)	D.M. LL.PP.	09.01.1996	Norme tecniche per l'esecuzione ed il collaudo delle opere in cemento armato normale e precompresso e per le strutture metalliche.
e)	D.M. LL.PP.	04.05.1990	Aggiornamento delle norme tecniche per la progettazione, l'esecuzione e il collaudo dei ponti stradali.
f)	D.M.LL.PP.	11.03.1988	Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre e delle opere di fondazione.
g)	D.M.LL.PP.	16.01.1996	Norme Tecniche per le costruzioni in Zone Sismiche.
h)	Circ.Min.LL.PP.	10.04.1997, n.65 AAGG	Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche di cui al decreto ministeriale 16 gennaio 1996".
i)	Circ.Min.LL.PP.	15.10.1996, n.252 AAGG	Istruzioni per l'applicazione delle "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle opere in cemento armato, normale e precompresso e per le strutture metalliche".
j)	Circ.Min.LL.PP.	25.02.1991, n.34233	Istruzioni relative alla normativa tecnica dei ponti stradali.
k)	D.M.LL.PP.	03.12.1987	Norme tecniche per la progettazione esecuzione e collaudo delle costruzioni prefabbricate.
l)	Circ.Min.LL.PP.	16.03.1989	Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate.
m)	Norme CNR	10024/86	Analisi strutturale mediante elaboratore: impostazione e redazione delle relazioni di calcolo.

n) Ordinanza P.C.M. 20.03.2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica".

2.2. Normativa sismica

Nell'analisi in condizioni sismiche viene recepita la nuova normativa (Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 30.03.2003) per quanto riguarda la classificazione sismica del territorio nazionale. La zona risulta, in riferimento alla "Nuova mappa del Rischio" facente seguito alla sopraddetta Ordinanza, in zona 3. Le verifiche sono state eseguite secondo le norme tecniche di cui al DM 15 Gennaio 1996 e relative circolari applicative, assumendo il grado di sismicità S=6 e coefficiente di protezione sismica I = 1.2.

3. CARATTERISTICHE DEI MATERIALI

Calcestruzzo

Calcestruzzo

- Calcestruzzo per le strutture gettate in opera e di fondazione:

Classe di resistenza:	C25/30
Classe di esposizione:	XC2
Copriferro:	C = 40 mm
Classe di consistenza slump:	S3 ÷ S5
Diametro max aggregato:	32 mm
Classe contenuto cloruri:	CL 0.2
tasso di lavoro considerato:	85% in condizioni di esercizio 100% in condizioni sismiche.

- Calcestruzzo di magrone:

Classe di resistenza:	Rm $\geq$ 15 MPa
Contenuto min. cemento	150 kg/mc

Acciaio

- Acciaio in barre ad aderenza migliorata	B450C.
tasso di lavoro considerato:	85% in condizioni di esercizio 100% in condizioni sismiche.

4. PARAMETRI GEOTECNICI

Per le caratteristiche del terreno e dell'ammasso roccioso, si fa riferimento alla relazione geotecnica, ove è stata individuata la stratigrafia del terreno per ogni intervento.

Le caratteristiche geotecniche dei terreni utilizzate in fase di progetto sono le seguenti:

Strato di ricoprimento

Descrizione	Terreno di ricoprimento
Spessore dello strato	2,00 [m]
Peso di volume	2000,00 [kg/mc]
Peso di volume saturo	2000,00 [kg/mc]
Angolo di attrito	32,00 [°]
Coesione	0,00 [kg/cmq]

Strato di rinfianco

Descrizione	Terreno di rinfianco
Peso di volume	2000,00 [kg/mc]
Peso di volume saturo	2000,00 [kg/mc]
Angolo di attrito	32,00 [°]
Angolo di attrito terreno struttura	20,00 [°]
Coesione	0,00 [kg/cmq]
Costante di Winkler	0,00 [kg/cmq/cm]

Strato di base

Descrizione	Terreno di fondazione
Peso di volume	2500,00 [kg/mc]
Peso di volume saturo	2500,00 [kg/mc]
Angolo di attrito	19,00 [°]
Angolo di attrito terreno struttura	11,40 [°]
Coesione	1,40 [kg/cmq]
Costante di Winkler	2,40 [kg/cmq/cm]

5. CRITERI GENERALI DI PROGETTO

5.1. Ipotesi di calcolo

La struttura del ponte sul rio di Vaie è costituita da uno scatolare sormontato sui lati liberi da due muri di sostegno. L'analisi strutturale è stata effettuata mediante l'ausilio del software di calcolo "Sap2000" della "Computers & Structures, Inc.". Le spinte del terreno, sia in condizioni statiche, sia in condizioni sismiche, sono state determinate mediante il software di calcolo "Max 9.0" della "Aztec Informatica".

In allegato si riportano i tabulati contenenti i dati, le ipotesi di carico, le sollecitazioni e le verifiche per esteso.

Le analisi eseguite sono di tipo elastico lineare. Le verifiche sono state eseguite secondo il metodo delle tensioni ammissibili.
Ai sensi del DM 9/1/1996 le verifiche sono state eseguite secondo il metodo delle tensioni ammissibili che non prevede, per le strutture in oggetto verifiche a fessurazione

5.2. Analisi dei carichi

Azioni permanenti

Peso proprio
Il peso degli elementi strutturali è calcolato in modo automatico dal programma utilizzato per il calcolo delle sollecitazioni nella struttura.

Terreno
Il peso e la spinta del terreno, calcolati in modo automatico dal software specifico, sono state applicate al modello numerico sottoforma di pressioni distribuite, eventualmente variabili con la profondità.

Sovraccarichi accidentali

Acqua
E' stata considerato la spinta idrostatica dell'acqua gravante sulla soletta inferiore e sui piedritti.

Carico stradale
Le azioni previste dalle norme specifiche per i carichi sui ponti (DM 4/05/1990), in virtù della presenza del riempimento di spessore pari a 2.0 m, sono state considerate uniformemente distribuite, e risultano:

- carico distribuito pari a 20 kN/mq, corrispondente al carico q_{1a} da 600 kN ripartito su un'area di 15x2 m;

- amplificazione dinamica del carico mobile ϕ=1.00 per la presenza del rilevato e la conseguente assenza di giunti di discontinuità;

- non si considera agente il carico folla in quanto non sono previsti marciapiedi.

Azioni eccezionali

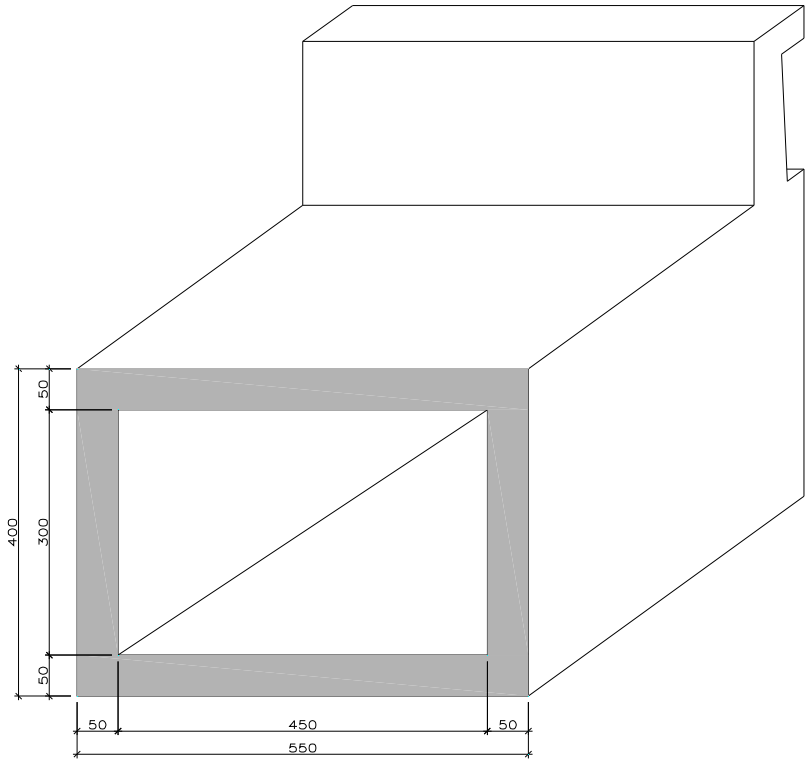
Sisma
Sono stati utilizzati un coefficiente di intensità sismica S=6 ed un coefficiente di protezione sismica I=1.2.

Urto
La forza prevista dalle norme specifiche per i carichi sui ponti (DM 4/05/1990) è stata considerata ripartita sull'intera larghezza del ponte.

6. GEOMETRIA

Per maggiori dettagli si rimanda agli elaborati grafici specifici.

Altezza esterna	4,00 [m]
Larghezza esterna	5,50 [m]
Lunghezza esterna	9.00 [m]
Altezza muro	2,00 [m]
Larghezza mensola di fondazione sinistra	0,00 [m]
Larghezza mensola di fondazione destra	0,00 [m]
Spessore piedritto sinistro	0,50 [m]
Spessore piedritto destro	0,50 [m]
Spessore fondazione	0,50 [m]
Spessore traverso	0,50 [m]
Spessore muro	0.30÷0,50 [m]


50
300
400
50
50
450
50
550

7. MODELLO NUMERICO

7.1. Elementi utilizzati

Il modello di calcolo è stato realizzato con elementi tipo shell con spessore pari a 50 cm per lo scatolare e 40 cm per i muri.
Il terreno di fondazione è stato schematizzato alla Winkler concentrando elementi spring in corrispondenza dei nodi del fondo con costante di rigidezza di 6000 kg/cm (50x50x2.4).

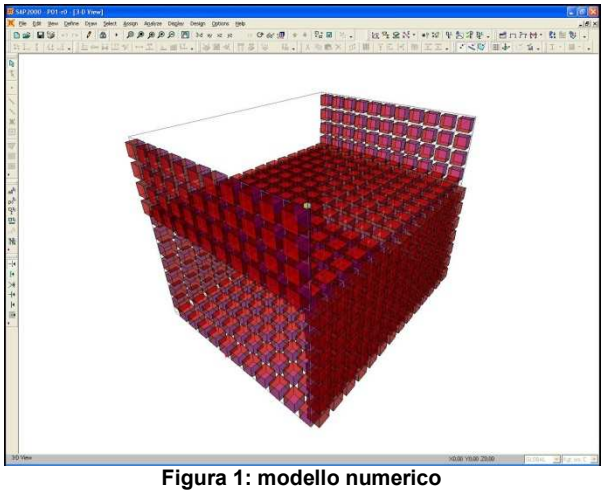


Figura 1: modello numerico

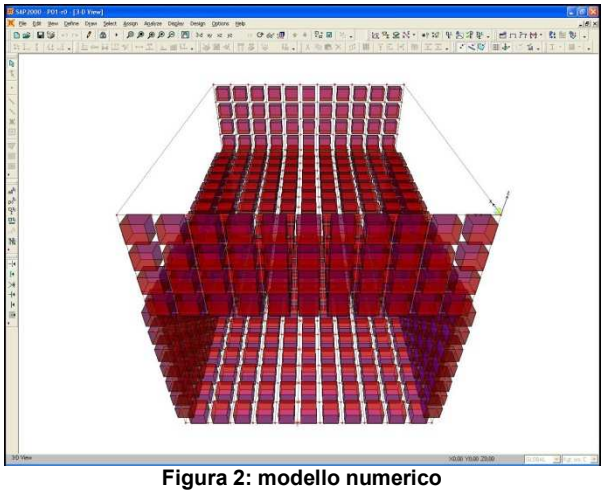


Figura 2: modello numerico

7.2. Condizioni e combinazioni di carico

Sono state considerate le seguenti condizioni di carico:

1. Peso Proprio 2500 [kg/mc]
2. Permanenti Portati (terreno) 2000 [kg/mc]
3. Accidentali sinistra (-Y) 2000 [kg/mq]
4. Accidentali su scatolare 2000 [kg/mq]
5. Accidentali destra (+Y) 2000 [kg/mq]
6. Sisma X 4.8%
7. Sisma Y 4.8%
8. Sisma Z 4.8%
9. Urto 820 [kg/m] + 820 [kgm/m]
10. Acqua 1000 [kg/mc]

Le combinazioni di carico utilizzate nell'analisi della struttura sono riportate in tabella

	1	2	3	4	5	6	7	8	9	10
COMBO1	1	1	0	0	0	0	0	0	0	0
COMBO2	1	1	1	0	0	0	0	0	0	0
COMBO3	1	1	0	1	0	0	0	0	0	0
COMBO4	1	1	0	0	1	0	0	0	0	0
COMBO5	1	1	1	1	1	0	0	0	0	1
COMBO6	1	1	0	0	0	1	0	0	0	0
COMBO7	1	1	0	0	0	0	1	0	0	0
COMBO8	1	1	0	0	0	0	0	1	0	0
COMBO9	1	1	0	1	0	0	0	0	1	0
COMBO10	Inviluppo delle combinazioni precedenti per la valutazione delle sollecitazioni massime e minime									

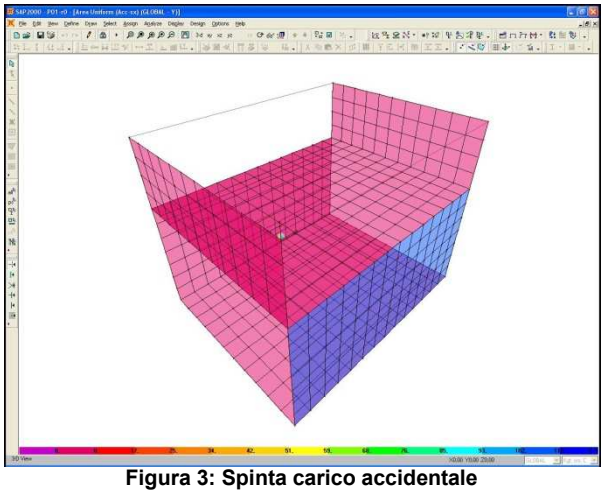


Figura 3: Spinta carico accidentale

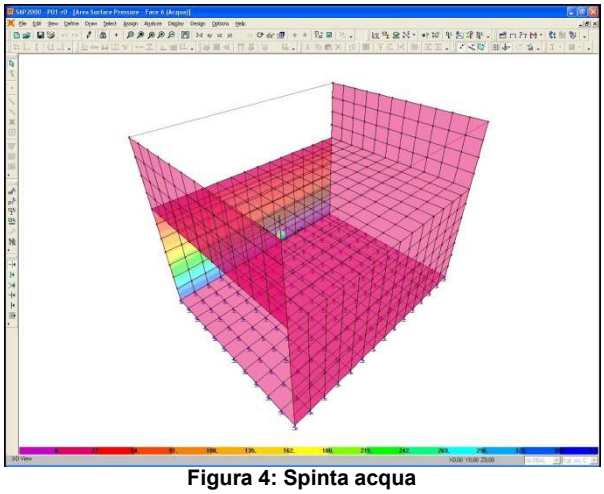


Figura 4: Spinta acqua

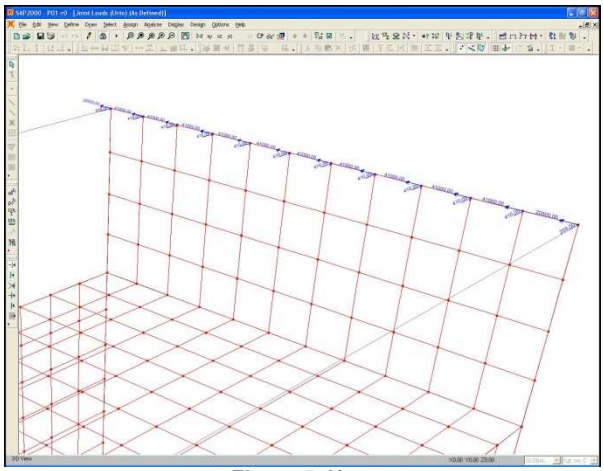


Figura 5: Urto

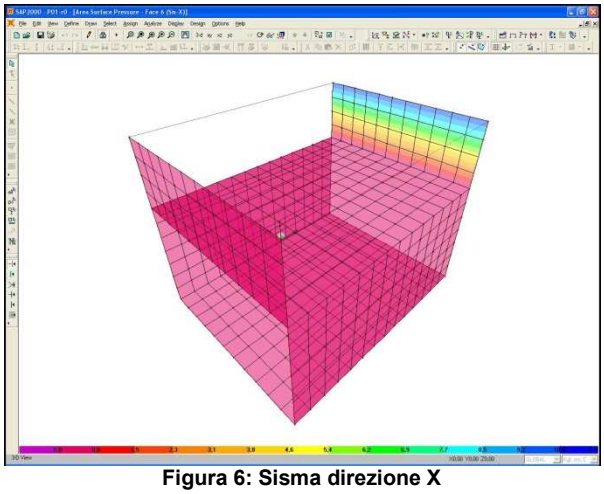


Figura 6: Sisma direzione X

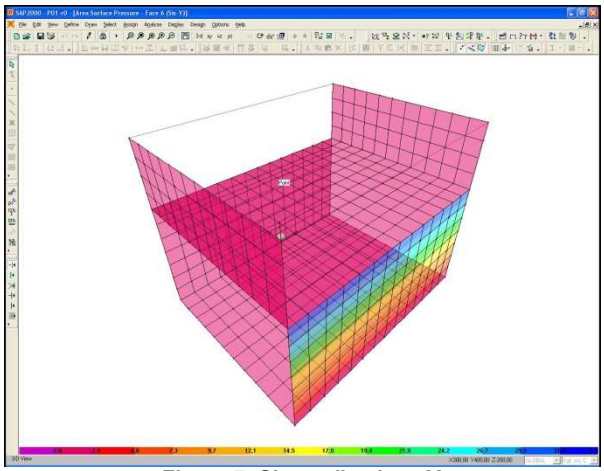


Figura 7: Sisma direzione Y

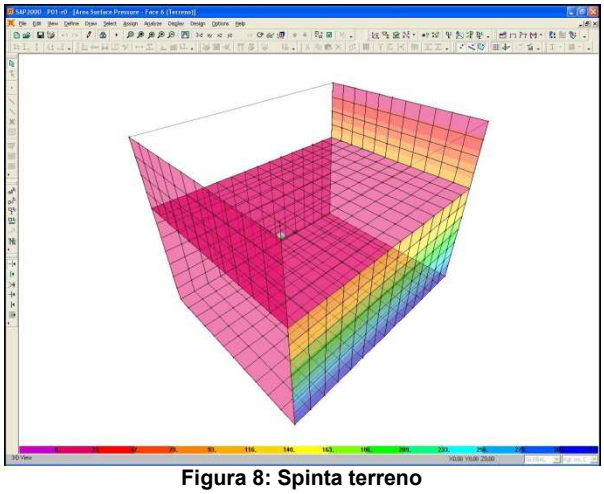


Figura 8: Spinta terreno

8. VERIFICHE

Nel seguito si riassumono le sollecitazioni massime e minime raggiunte per la combinazione n°10 di inviluppo e le verifiche di resistenza per ogni elemento costituente la struttura. Le verifiche sono state condotte secondo il metodo n. Successivamente si riportano le pressioni massime trasmesse al terreno di fondazione.

8.1. Calotta

Momento flettente intorno all'asse X max 11250 [kgm/m] min -8600 [kgm/m]
Momento flettente intorno all'asse Y max 6070 [kgm/m] min -7950 [kgm/m]
Taglio max valore assoluto 16000 [kg/m]

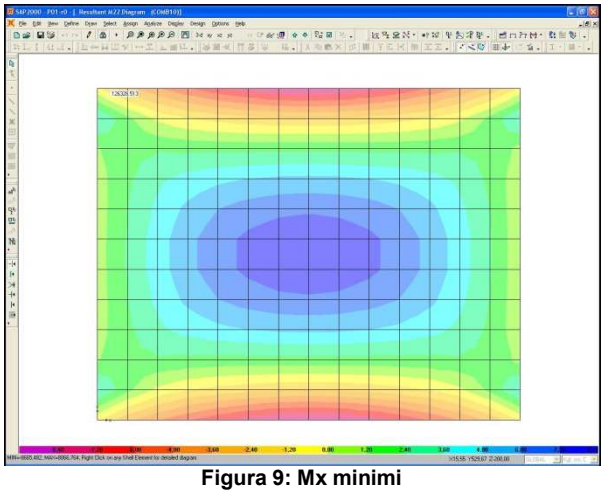


Figura 9: Mx minimi

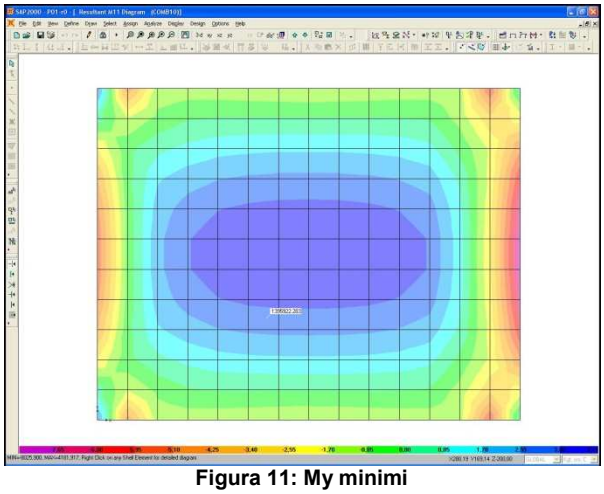


Figura 11: My minimi

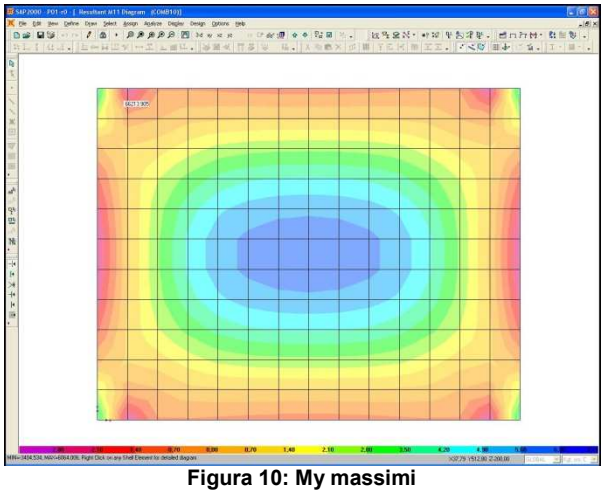


Figura 10: My massimi

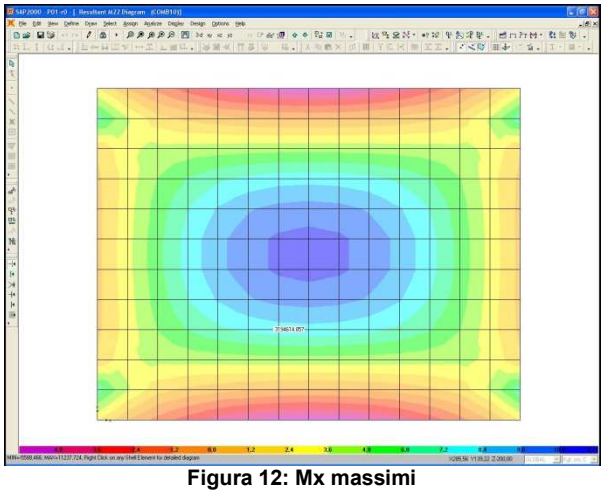


Figura 12: Mx massimi

L'armatura superiore è costituita da barre ø16 passo 20 cm lungo X e ø16 passo 20 cm lungo Y, quella inferiore da barre ø16 passo 20 cm lungo X e ø20 passo 20 cm lungo Y. Si ottiene:
tensione normale nel calcestruzzo lungo X $\sigma_{c,x}$ = 36.5 [kg/cmq]

tensione normale nell'acciaio lungo X $\sigma_{a,x}$ = 1953 [kg/cmq]
tensione normale nel calcestruzzo lungo Y $\sigma_{c,y}$ = 40.9 [kg/cmq]
tensione normale nell'acciaio lungo Y $\sigma_{a,y}$ = 2060 [kg/cmq]
tensione tangenziale nel calcestruzzo lungo Y $\tau_{c,y}$ = 4.0 [kg/cmq]

8.2. Fondo

Momento flettente intorno all'asse X max 15800 [kgm/m] min -17300 [kgm/m]
Taglio max valore assoluto 24000 [kg/m]

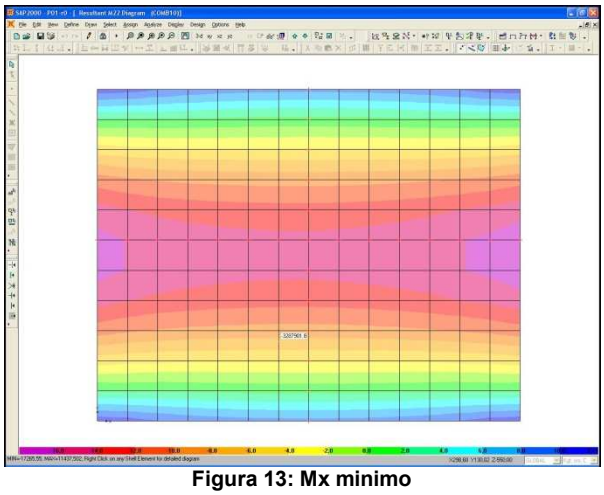


Figura 13: Mx minimo

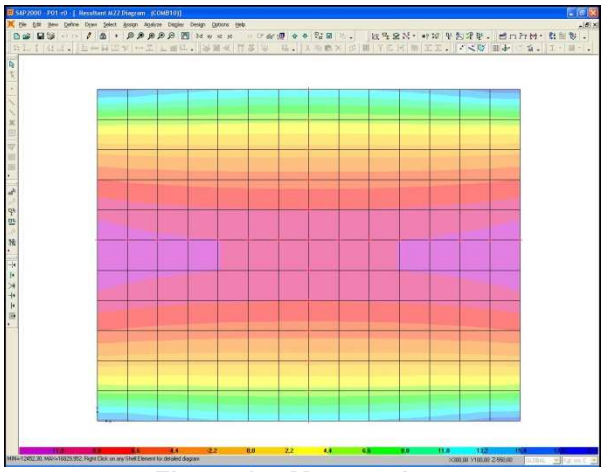


Figura 14: Mx massimo

L'armatura superiore è costituita da barre ø12 passo 20 cm lungo X e barre ø20 passo 15 cm lungo Y, quella inferiore da barre ø12 passo 20 cm lungo X e barre ø20 passo 15 cm lungo Y. Si ottiene:
tensione normale nel calcestruzzo lungo Y $\sigma_{c,y}$ = 52.3 [kg/cmq]
tensione normale nell'acciaio lungo Y $\sigma_{a,y}$ = 2033 [kg/cmq]
tensione tangenziale nel calcestruzzo lungo Y $\tau_{c,y}$ = 5.9 [kg/cmq]

8.3. Piedritti

Sforzo normale verticale min 30000 [kg/m]
Momento flettente intorno all'asse X max 16500 [kgm/m]
Taglio max valore assoluto 10000 [kg/m]

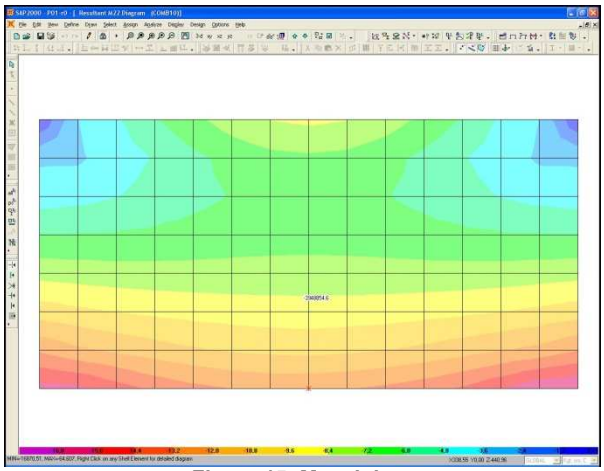


Figura 15: Mx minimo

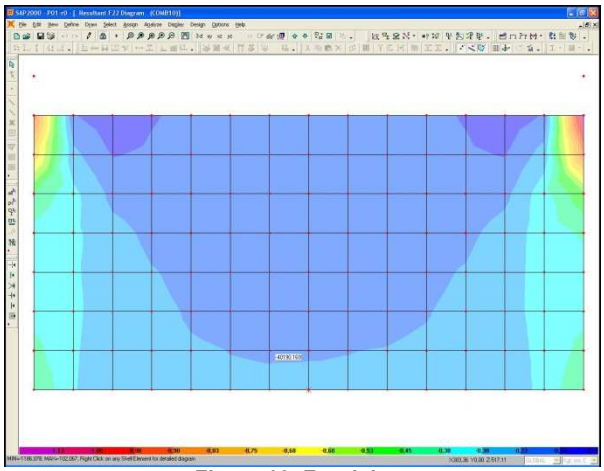


Figura 16: Fz minimo

L'armatura esterna è costituita da barre ø12 passo 20 cm lungo X e ø20 passo 15 cm lungo Z, quella interna da barre ø12 passo 20 cm lungo X e ø16 passo 20 cm lungo Z. Si ottiene:
tensione normale nel calcestruzzo lungo Z $\sigma_{c,z}$ = 53.9 [kg/cmq]
tensione normale nell'acciaio lungo Z $\sigma_{a,z}$ = 1944 [kg/cmq]
tensione tangenziale nel calcestruzzo lungo Z $\tau_{c,z}$ = 2.5 [kg/cmq]

8.4. Muri

Momento flettente intorno all'asse Y min -8000 [kgm/m]
Taglio max valore assoluto 6000 [kg/m]
Azione flettente normale lungo Y max 29500 [kg/m] min -64000 [kg/m]

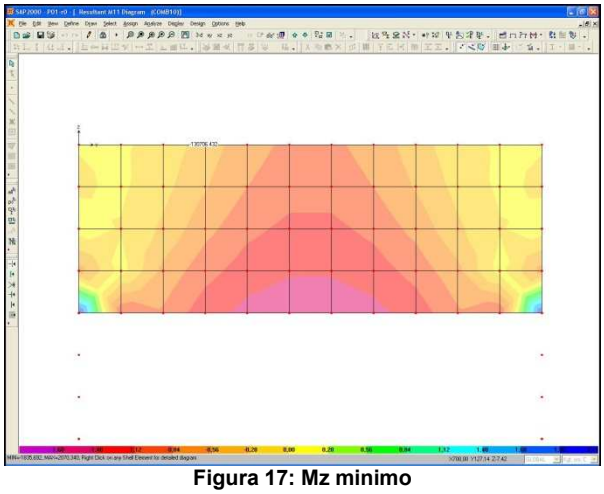


Figura 17: Mz minimo

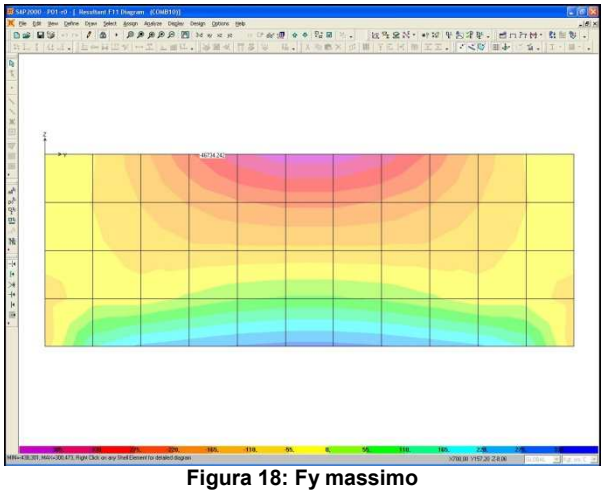


Figura 18: Fy massimo

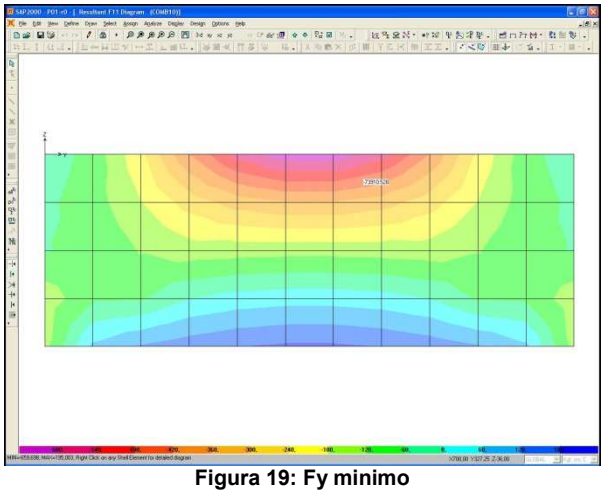


Figura 19: Fy minimo

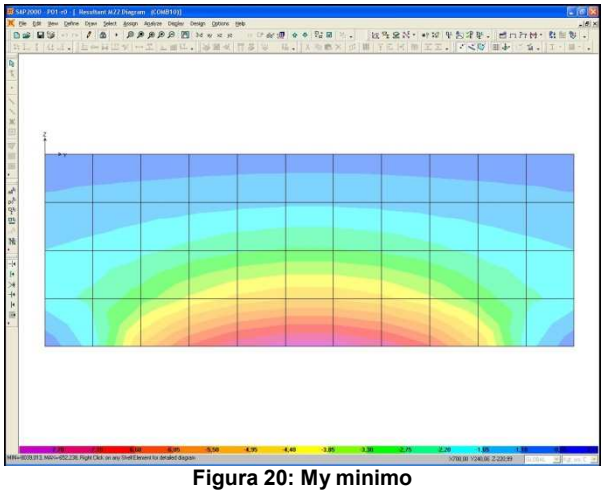


Figura 20: My minimo

L'armatura esterna è costituita da barre ø8 passo 20 cm lungo Y e ø12 passo 20 cm lungo Z, quella interna da barre ø8 passo 20 cm lungo Y e ø16 passo 20 cm lungo Z. L'azione flettente normale lungo Y di trazione è assegnata alle barre di armatura presenti nel concio corrispondente. Si ottiene:
tensione normale nel calcestruzzo lungo Z $\sigma_{c,z}$ = 35.9 [kg/cmq]
tensione normale nell'acciaio lungo Z $\sigma_{a,z}$ = 1914 [kg/cmq]
tensione tangenziale nel calcestruzzo lungo X $\tau_{c,x}$ = 1.5 [kg/cmq]
tensione normale nel calcestruzzo lungo Y $\sigma_{c,y}$ = 12.8 [kg/cmq]
tensione normale nell'acciaio lungo Y $\sigma_{a,y}$ = 573 [kg/cmq]

8.5. Pressioni sul terreno

Le reazioni verticali massime sugli elementi spring si ottengono nella combinazione di carico COMBO5 in corrispondenza della mezzeria delle pareti verticali e raggiungono i 3307 kg.
Il corrispondente valore delle pressioni sul terreno raggiunge il valore di 1.3 [kg/cmq] abbondantemente inferiore alla pressione ammissibile del terreno pari a 14.0 [kg/cmq] così come ricavabile dai parametri stratigrafici di cui alla relazione geologica.

9. ALLEGATI

9.1. Muro di contenimento H=2 metri

Calcolo della spinta sul muro

Metodo di Mononobe-Okabe

Il metodo di Mononobe-Okabe adotta le stesse ipotesi della teoria di Coulomb : un cuneo di spinta a monte del muro che si muove rigidamente lungo una superficie di rottura rettilinea. Mette in conto inoltre l'inerzia sismica del cuneo in direzione orizzontale e verticale . Dall'equilibrio del cuneo si ricava la spinta che il terreno esercita sull'opera di sostegno in condizioni sismiche.Viene messo in conto, come nella teoria di Coulomb, l'esistenza dell' attrito fra il terreno e il paramento del muro, e quindi la retta di spinta risulta inclinata rispetto alla normale al paramento stesso di un angolo di attrito terra-muro.
L'espressione della spinta totale (statica più sismica) esercitata da un terrapieno, di peso di volume γ, su una parete di altezza *H*, risulta espressa secondo la teoria di Mononobe-Okabe dalla seguente relazione

$$S = 1/2(1\pm k_v)\gamma H^2 K_a$$

K_a rappresenta il coefficiente di spinta attiva espresso da

$$K_a = \frac{\sin(\alpha+\phi-\theta)}{\sin^2\alpha\,\sin(\alpha-\delta-\theta)\,[\,1+\sqrt{\frac{\sin(\phi+\delta)\sin(\phi-\beta-\theta)}{\sin(\alpha-\delta-\theta)\sin(\alpha+\beta)}}\,]^2}$$

L'angolo θ è legato al coefficiente sismico dalla seguente espressione

$$\tan(\theta)=k_h/(1\pm k_v)$$

dove k_h e k_v rappresentano in coefficiente di intensità sismica orizzontale e verticale.

Nel caso in cui il terrapieno sia gravato di un sovraccarico uniforme *Q* l'espressione della pressione e della spinta diventano

$$\sigma_a = (\gamma z+Q)K_a$$

$$S = (1/2\gamma H^2 + QH)K_a$$

Al carico *Q* corrisponde un diagramma delle pressioni rettangolare con risultante applicata a *1/2H*.
Nel caso di terreno dotato di coesione *c* l'espressione della pressione esercitata sulla parete, alla generica profondità *z*, diventa

$$\sigma_a = \gamma z K_a - 2c(K_a)^{1/2}$$

Al diagramma triangolare, espresso dal termine γzK_a, si sottrae il diagramma rettangolare legato al termine con la coesione. La pressione σ_a risulta negativa per valori di *z* minori di

$$h_c = \frac{2c}{\gamma(K_a)^{1/2}}$$

La grandezza h_c è detta altezza critica e rappresenta la profondità di potenziale frattura del terreno. E' chiaro che se l'altezza della parete è inferiore ad h_c non abbiamo nessuna spinta sulla parete.

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

$$\gamma_a = \gamma_{sat} - \gamma_w$$

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 parte pari a

$$\varepsilon' = \varepsilon + \theta$$

$$\beta' = \beta + \theta$$

dove θ = *arctg(C)* essendo *C* il coefficiente di intensità sismica.
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

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

Adottando il metodo di Mononobe-Okabe per il calcolo della spinta, il coefficiente *A* viene posto pari a 1.
Tale incremento di spinta deve essere applicato ad una distanza dalla base pari a 2/3 dell'altezza del muro stesso.
Oltre a questo incremento bisogna tener conto delle forze d'inerzia orizzontali che si destano per effetto del sisma. Tale forza viene valutata come

$$F_i = CW$$

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.

Geometria muro e fondazione

Descrizione	**Muro a mensola in c.a.**
Altezza del paramento	1.50 [m]
Spessore in sommità	0.30 [m]
Spessore all'attacco con la fondazione	0.48 [m]
Inclinazione paramento esterno	7.00 [°]
Inclinazione paramento interno	0.00 [°]
Lunghezza del muro	10.00 [m]
Spessore rivestimento	0.25 [m]
Peso sp. rivestimento	2200.00 [kg/mc]
<u>Fondazione</u>	
Lunghezza mensola fondazione di valle	0.00 [m]
Lunghezza mensola fondazione di monte	2.00 [m]
Lunghezza totale fondazione	2.48 [m]
Inclinazione piano di posa della fondazione	0.00 [°]
Spessore fondazione	0.50 [m]
Spessore magrone	0.00 [m]

Materiali utilizzati per la struttura

Calcestruzzo

Peso specifico	2500.0 [kg/mc]
Resistenza caratteristica a compressione R_{bk}	250.0 [kg/cmq]
Tensione ammissibile a compressione σ_c	85.0 [kg/cmq]
Tensione tangenziale ammissibile τ_{c0}	5.3 [kg/cmq]
Tensione tangenziale ammissibile τ_{c1}	16.9 [kg/cmq]

Acciaio

Tipo	FeB44K
Tensione ammissibile σ_{fa}	2600.0 [kg/cmq]

Geometria profilo terreno a monte del muro

Simbologia adottata e sistema di riferimento
(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
1	5.00	0.00	0.00

Terreno a valle del muro

Inclinazione terreno a valle del muro rispetto all'orizzontale	0.00	[°]
Altezza del rinterro rispetto all'attacco fondaz.valle-paramento	0.00	[m]

Descrizione terreni

Simbologia adottata

Nr.	Indice del terreno
Descrizione	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/cmq]
c_a	Adesione terra-muro espressa in [kg/cmq]

Descrizione	γ	γ_s	ϕ	δ	c	c_a
Terreno 1	2000	2000	32.00	20.00	0.000	0.000
Terreno 2	1800	2000	30.00	20.00	0.000	0.000

Stratigrafia

Simbologia adottata

N	Indice dello strato
H	Spessore dello strato espresso in [m]
a	Inclinazione espressa in [°]
Kw	Costante di Winkler orizzontale espressa in Kg/cm^2/cm
Ks	Coefficiente di spinta
Terreno	Terreno dello strato

Nr.	H	a	Kw	Ks	Terreno
1	10.00	0.00	2.99	0.00	Terreno 1

Condizioni di carico

Simbologia e convenzioni di segno adottate
Carichi verticali positivi verso il basso.
Carichi orizzontali positivi verso sinistra.
Momento positivo senso antiorario.

X	Ascissa del punto di applicazione del carico concentrato espressa in [m]
F_x	Componente orizzontale del carico concentrato espressa in [kg]
F_y	Componente verticale del carico concentrato espressa in [kg]
M	Momento espresso in [kgm]
X_i	Ascissa del punto iniziale del carico ripartito espressa in [m]
X_f	Ascissa del punto finale del carico ripartito espressa in [m]
Q_i	Intensità del carico per $x=X_i$ espressa in [kg/m]
Q_f	Intensità del carico per $x=X_f$ espressa in [kg/m]
D / C	Tipo carico : D=distribuito C=concentrato

Condizione n° 1 (Condizione 1)

D	Profilo	X_i=0.00	X_f=5.00	Q_i=4000.00	Q_f=4000.00

Descrizione combinazioni di carico

Simbologia adottata
C Coefficiente totale di partecipazione della condizione

Combinazione n° 1 Tensioni ammissibili

	C
Peso proprio	1.00
Spinta terreno	1.00

Combinazione n° 2 Tensioni ammissibili - Sismica

	C
Peso proprio	1.00
Spinta terreno	1.00

Combinazione n° 3 Tensioni ammissibili

	C
Peso proprio	1.00
Spinta terreno	1.00
Condizione 1	1.00

Combinazione n° 4 Tensioni ammissibili - Sismica

	C
Peso proprio	1.00
Spinta terreno	1.00
Condizione 1	1.00

Impostazioni di analisi

Metodo verifica sezioni **Tensioni ammissibili**

Impostazioni avanzate

Diagramma correttivo per eccentricità negativa con aliquota di parzializzazione pari a 0.00

Quadro riassuntivo coeff. di sicurezza calcolati

Simbologia adottata

C	Identificativo della combinazione
Tipo	Tipo combinazione
Sisma	Combinazione sismica
CS_{SCO}	Coeff. di sicurezza allo scorrimento
CS_{RIB}	Coeff. di sicurezza al ribaltamento
CS_{QLIM}	Coeff. di sicurezza a carico limite
CS_{STAB}	Coeff. di sicurezza a stabilità globale

C	Tipo	Sisma	cs_{sco}	cs_{rib}	cs_{qlim}	cs_{stab}
1	TAMM - [1]	--	4.14	20.41	11.92	2.61
2	TAMM - [2]	Orizzontale	2.54	10.37	9.43	2.29
3	TAMM - [3]	--	2.41	10.08	5.94	1.57
4	TAMM - [4]	Orizzontale	1.72	6.68	4.52	1.46

Analisi della spinta e verifiche

Sistema di riferimento adottato per le coordinate :
Origine in testa al muro (spigolo di monte)
Ascisse X (espresse in [m]) positive verso monte
Ordinate Y (espresse in [m]) positive verso l'alto
Le forze orizzontali sono considerate positive se agenti da monte verso valle
Le forze verticali sono considerate positive se agenti dall'alto verso il basso

Calcolo riferito ad 1 metro di muro

Tipo di analisi

Calcolo della spinta	metodo di Mononobe-Okabe
Calcolo del carico limite	metodo di Meyerhof
Calcolo della stabilità globale	metodo di Fellenius
Calcolo della spinta in condizioni di	Spinta attiva

Sisma

Coefficiente di intensità sismica (percento)	4.80
Forma diagramma incremento sismico	Triangolare con vertice in basso
Partecipazione spinta passiva (percento)	0.0
Lunghezza del muro	10.00 [m]
Peso muro	4575.55 [kg]
Baricentro del muro	X=0.45 Y=-1.45

Superficie di spinta

Punto inferiore superficie di spinta	X = 2.00 Y = -2.00
Punto superiore superficie di spinta	X = 2.00 Y = 0.00
Altezza della superficie di spinta	2.00 [m]
Inclinazione superficie di spinta(rispetto alla verticale)	0.00 [°]

COMBINAZIONE n° 1

Valore della spinta statica	1102.15	[kg]		
Componente orizzontale della spinta statica	1035.69	[kg]		
Componente verticale della spinta statica	376.96	[kg]		
Punto d'applicazione della spinta	X = 2.00	[m]	Y = -1.33	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Peso terrapieno gravante sulla fondazione a monte	6000.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 1.00	[m]	Y = -0.75	[m]

Risultanti

Risultante dei carichi applicati in dir. orizzontale	1035.69	[kg]
Risultante dei carichi applicati in dir. verticale	11777.51	[kg]
Momento ribaltante rispetto allo spigolo a valle	690.46	[kgm]
Momento stabilizzante rispetto allo spigolo a valle	14088.88	[kgm]

Sforzo normale sul piano di posa della fondazione	11777.51	[kg]		
Sforzo tangenziale sul piano di posa della fondazione	1035.69	[kg]		
Eccentricità rispetto al baricentro della fondazione	0.10	[m]		
Risultante in fondazione	11822.96	[kg]		
Inclinazione della risultante (rispetto alla normale)	5.03	[°]		
Momento rispetto al baricentro della fondazione	1230.29	[kgm]		
Carico ultimo della fondazione	140374.25	[kg]		

Tensioni sul terreno

Lunghezza fondazione reagente	2.48	[m]		
Tensione terreno allo spigolo di valle	0.5937	[kg/cmq]		
Tensione terreno allo spigolo di monte	0.3545	[kg/cmq]		

Fattori per il calcolo della capacità portante

N_c = 35.49	N'_c = 33.93
N_q = 23.18	N'_q = 21.41
N_γ = 22.02	N'_γ = 16.22

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	20.41
Coefficiente di sicurezza a scorrimento	4.14
Coefficiente di sicurezza a carico ultimo	11.92
Coefficiente di sicurezza a stabilità globale	2.61

COMBINAZIONE n° 2

Valore della spinta statica	1102.15	[kg]		
Componente orizzontale della spinta statica	1035.69	[kg]		
Componente verticale della spinta statica	376.96	[kg]		
Punto d'applicazione della spinta	X = 2.00	[m]	Y = -1.33	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Incremento sismico della spinta	117.64	[kg]		
Punto d'applicazione dell'incremento sismico di spinta	X = 2.00	[m]	Y = -0.67	[m]
Coefficiente di spinta attiva in condizioni sismiche	0.3049	[°]		
Peso terrapieno gravante sulla fondazione a monte	6000.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 1.00	[m]	Y = -0.75	[m]
Inerzia del muro	219.63	[kg]		
Inerzia del terrapieno fondazione di monte	288.00	[kg]		

Risultanti

Risultante dei carichi applicati in dir. orizzontale	1693.46	[kg]
Risultante dei carichi applicati in dir. verticale	11817.75	[kg]
Momento ribaltante rispetto allo spigolo a valle	1368.69	[kgm]
Momento stabilizzante rispetto allo spigolo a valle	14188.83	[kgm]
Sforzo normale sul piano di posa della fondazione	11817.75	[kg]
Sforzo tangenziale sul piano di posa della fondazione	1693.46	[kg]
Eccentricità rispetto al baricentro della fondazione	0.16	[m]
Risultante in fondazione	11938.47	[kg]
Inclinazione della risultante (rispetto alla normale)	8.15	[°]
Momento rispetto al baricentro della fondazione	1858.55	[kgm]
Carico ultimo della fondazione	111396.44	[kg]

Tensioni sul terreno

Lunghezza fondazione reagente	2.48	[m]
Tensione terreno allo spigolo di valle	0.6564	[kg/cmq]
Tensione terreno allo spigolo di monte	0.2950	[kg/cmq]

Fattori per il calcolo della capacità portante

N_c = 35.49	N'_c = 31.48
N_q = 23.18	N'_q = 19.86
N_γ = 22.02	N'_γ = 12.67

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	10.37
Coefficiente di sicurezza a scorrimento	2.54

Coefficiente di sicurezza a carico ultimo	9.43			
Coefficiente di sicurezza a stabilità globale	2.29			

COMBINAZIONE n° 3

Valore della spinta statica	3306.46	[kg]		
Componente orizzontale della spinta statica	3107.06	[kg]		
Componente verticale della spinta statica	1130.88	[kg]		
Punto d'applicazione della spinta	X = 2.00	[m]	Y = -1.11	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Peso terrapieno gravante sulla fondazione a monte	14000.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 1.00	[m]	Y = -0.75	[m]

Risultanti

Risultante dei carichi applicati in dir. orizzontale	3107.06	[kg]		
Risultante dei carichi applicati in dir. verticale	20531.43	[kg]		
Momento ribaltante rispetto allo spigolo a valle	2761.83	[kgm]		
Momento stabilizzante rispetto allo spigolo a valle	27835.16	[kgm]		
Sforzo normale sul piano di posa della fondazione	20531.43	[kg]		
Sforzo tangenziale sul piano di posa della fondazione	3107.06	[kg]		
Eccentricità rispetto al baricentro della fondazione	0.02	[m]		
Risultante in fondazione	20765.20	[kg]		
Inclinazione della risultante (rispetto alla normale)	8.61	[°]		
Momento rispetto al baricentro della fondazione	428.52	[kgm]		
Carico ultimo della fondazione	121991.92	[kg]		

Tensioni sul terreno

Lunghezza fondazione reagente	2.48	[m]
Tensione terreno allo spigolo di valle	0.8682	[kg/cmq]
Tensione terreno allo spigolo di monte	0.7848	[kg/cmq]

Fattori per il calcolo della capacità portante

N_c = 35.49	N'_c = 31.14
N_q = 23.18	N'_q = 19.64
N_γ = 22.02	N'_γ = 12.20

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	10.08
Coefficiente di sicurezza a scorrimento	2.41
Coefficiente di sicurezza a carico ultimo	5.94
Coefficiente di sicurezza a stabilità globale	1.57

COMBINAZIONE n° 4

Valore della spinta statica	3306.46	[kg]		
Componente orizzontale della spinta statica	3107.06	[kg]		
Componente verticale della spinta statica	1130.88	[kg]		
Punto d'applicazione della spinta	X = 2.00	[m]	Y = -1.11	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Incremento sismico della spinta	352.93	[kg]		
Punto d'applicazione dell'incremento sismico di spinta	X = 2.00	[m]	Y = -0.67	[m]
Coefficiente di spinta attiva in condizioni sismiche	0.3049	[°]		
Peso terrapieno gravante sulla fondazione a monte	14000.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 1.00	[m]	Y = -0.75	[m]
Inerzia del muro	219.63	[kg]		
Inerzia del terrapieno fondazione di monte	672.00	[kg]		

Risultanti

Risultante dei carichi applicati in dir. orizzontale	4369.93	[kg]
Risultante dei carichi applicati in dir. verticale	20652.14	[kg]
Momento ribaltante rispetto allo spigolo a valle	4214.86	[kgm]

Momento stabilizzante rispetto allo spigolo a valle	28135.02	[kgm]
Sforzo normale sul piano di posa della fondazione	20652.14	[kg]
Sforzo tangenziale sul piano di posa della fondazione	4369.93	[kg]
Eccentricità rispetto al baricentro della fondazione	0.08	[m]
Risultante in fondazione	21109.41	[kg]
Inclinazione della risultante (rispetto alla normale)	11.95	[°]
Momento rispetto al baricentro della fondazione	1731.62	[kgm]
Carico ultimo della fondazione	93418.34	[kg]

Tensioni sul terreno

Lunghezza fondazione reagente	2.48	[m]
Tensione terreno allo spigolo di valle	0.9997	[kg/cmq]
Tensione terreno allo spigolo di monte	0.6630	[kg/cmq]

Fattori per il calcolo della capacità portante

$N_c = 35.49$	$N'_c = 28.63$
$N_q = 23.18$	$N'_q = 18.06$
$N_\gamma = 22.02$	$N'_\gamma = 8.96$

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	6.68
Coefficiente di sicurezza a scorrimento	1.72
Coefficiente di sicurezza a carico ultimo	4.52
Coefficiente di sicurezza a stabilità globale	1.46

9.2. Piedritto H=5 metri

Calcolo della spinta sul muro

Metodo di Mononobe-Okabe

Il metodo di Mononobe-Okabe adotta le stesse ipotesi della teoria di Coulomb : un cuneo di spinta a monte del muro che si muove rigidamente lungo una superficie di rottura rettilinea. Mette in conto inoltre l'inerzia sismica del cuneo in direzione orizzontale e verticale . Dall'equilibrio del cuneo si ricava la spinta che il terreno esercita sull'opera di sostegno in condizioni sismiche.Viene messo in conto, come nella teoria di Coulomb, l'esistenza dell' attrito fra il terreno e il paramento del muro, e quindi la retta di spinta risulta inclinata rispetto alla normale al paramento stesso di un angolo di attrito terra-muro.
L'espressione della spinta totale (statica più sismica) esercitata da un terrapieno, di peso di volume γ, su una parete di altezza *H*, risulta espressa secondo la teoria di Mononobe-Okabe dalla seguente relazione

$$S = 1/2(1\pm k_v)\gamma H^2 K_a$$

K_a rappresenta il coefficiente di spinta attiva espresso da

$$K_a = \frac{\sin(\alpha+\phi-\theta)}{\sin^2\alpha\,\sin(\alpha-\delta-\theta)\left[1+\frac{\sqrt{[\sin(\phi+\delta)\sin(\phi-\beta-\theta)]}}{\sqrt{[\sin(\alpha-\delta-\theta)\sin(\alpha+\beta)]}}\right]^2}$$

L'angolo θ è legato al coefficiente sismico dalla seguente espressione

$$\tan(\theta)=k_h/(1\pm k_v)$$

dove k_h e k_v rappresentano in coefficiente di intensità sismica orizzontale e verticale.

Nel caso in cui il terrapieno sia gravato di un sovraccarico uniforme *Q* l'espressione della pressione e della spinta diventano

$$\sigma_a = (\gamma z+Q)K_a$$

$$S = (1/2\gamma H^2 + QH)K_a$$

Al carico *Q* corrisponde un diagramma delle pressioni rettangolare con risultante applicata a *1/2H*.
Nel caso di terreno dotato di coesione *c* l'espressione della pressione esercitata sulla parete, alla generica profondità *z*, diventa

$$\sigma_a = \gamma z K_a - 2c(K_a)^{1/2}$$

Al diagramma triangolare, espresso dal termine γzK_a, si sottrae il diagramma rettangolare legato al termine con la coesione. La pressione σ_a risulta negativa per valori di *z* minori di

$$h_c = \frac{2c}{\gamma(K_a)^{1/2}}$$

La grandezza h_c è detta altezza critica e rappresenta la profondità di potenziale frattura del terreno. E' chiaro che se l'altezza della parete è inferiore ad h_c non abbiamo nessuna spinta sulla parete.

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

$$\gamma_a = \gamma_{sat} - \gamma_w$$

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 parte pari a

$$\varepsilon' = \varepsilon + \theta$$

$$\beta' = \beta + \theta$$

dove θ = *arctg(C)* essendo *C* il coefficiente di intensità sismica.
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

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

Adottando il metodo di Mononobe-Okabe per il calcolo della spinta, il coefficiente *A* viene posto pari a 1.
Tale incremento di spinta deve essere applicato ad una distanza dalla base pari a 2/3 dell'altezza del muro stesso.
Oltre a questo incremento bisogna tener conto delle forze d'inerzia orizzontali che si destano per effetto del sisma. Tale forza viene valutata come

$$F_i = CW$$

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.

Geometria muro e fondazione

Descrizione	**Muro a mensola in c.a.**
Altezza del paramento	1.50 [m]
Spessore in sommità	0.30 [m]
Spessore all'attacco con la fondazione	0.48 [m]
Inclinazione paramento esterno	7.00 [°]
Inclinazione paramento interno	0.00 [°]
Lunghezza del muro	10.00 [m]
Spessore rivestimento	0.25 [m]
Peso sp. rivestimento	2200.00 [kg/mc]
<u>Fondazione</u>	
Lunghezza mensola fondazione di valle	0.00 [m]
Lunghezza mensola fondazione di monte	2.00 [m]
Lunghezza totale fondazione	2.48 [m]
Inclinazione piano di posa della fondazione	0.00 [°]
Spessore fondazione	0.50 [m]
Spessore magrone	0.00 [m]

Materiali utilizzati per la struttura

Calcestruzzo	
Peso specifico	2500.0 [kg/mc]

Resistenza caratteristica a compressione R_{bk}	250.0 [kg/cmq]
Tensione ammissibile a compressione σ_c	85.0 [kg/cmq]
Tensione tangenziale ammissibile τ_{c0}	5.3 [kg/cmq]
Tensione tangenziale ammissibile τ_{c1}	16.9 [kg/cmq]
Acciaio	
Tipo	FeB44K
Tensione ammissibile σ_{fa}	2600.0 [kg/cmq]

Geometria muro e fondazione

Descrizione	**Muro a mensola in c.a.**
Altezza del paramento	5.50 [m]
Spessore in sommità	0.50 [m]
Spessore all'attacco con la fondazione	0.50 [m]
Inclinazione paramento esterno	0.00 [°]
Inclinazione paramento interno	0.00 [°]
Lunghezza del muro	10.00 [m]

Fondazione

Lunghezza mensola fondazione di valle	2.00 [m]
Lunghezza mensola fondazione di monte	0.00 [m]
Lunghezza totale fondazione	2.50 [m]
Inclinazione piano di posa della fondazione	0.00 [°]
Spessore fondazione	0.50 [m]
Spessore magrone	0.00 [m]

Materiali utilizzati per la struttura

Calcestruzzo	
Peso specifico	2500.0 [kg/mc]
Resistenza caratteristica a compressione R_{bk}	250.0 [kg/cmq]
Tensione ammissibile a compressione σ_c	85.0 [kg/cmq]
Tensione tangenziale ammissibile τ_{c0}	5.3 [kg/cmq]
Tensione tangenziale ammissibile τ_{c1}	16.9 [kg/cmq]
Acciaio	
Tipo	FeB44K
Tensione ammissibile σ_{fa}	2600.0 [kg/cmq]

Geometria profilo terreno a monte del muro

Simbologia adottata e sistema di riferimento
(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
1	10.00	0.00	0.00

Terreno a valle del muro

Inclinazione terreno a valle del muro rispetto all'orizzontale	0.00	[°]
Altezza del rinterro rispetto all'attacco fondaz.valle-paramento	0.00	[m]

Descrizione terreni

Simbologia adottata
Nr. Indice del terreno
Descrizione 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/cmq]
c_a	Adesione terra-muro espressa in [kg/cmq]

Descrizione	γ	γ_s	ϕ	δ	c	c_a
Terreno 1	2000	2000	32.00	20.00	0.000	0.000
Terreno 2	1800	2000	30.00	20.00	0.000	0.000

Stratigrafia

Simbologia adottata

N	Indice dello strato
H	Spessore dello strato espresso in [m]
a	Inclinazione espressa in [°]
Kw	Costante di Winkler orizzontale espressa in Kg/cm^2/cm
Ks	Coefficiente di spinta
Terreno	Terreno dello strato

Nr.	H	a	Kw	Ks	Terreno
1	10.00	0.00	3.00	0.00	Terreno 1

Condizioni di carico

Simbologia e convenzioni di segno adottate

Carichi verticali positivi verso il basso.
Carichi orizzontali positivi verso sinistra.
Momento positivo senso antiorario.

X	Ascissa del punto di applicazione del carico concentrato espressa in [m]
F_x	Componente orizzontale del carico concentrato espressa in [kg]
F_y	Componente verticale del carico concentrato espressa in [kg]
M	Momento espresso in [kgm]
X_i	Ascissa del punto iniziale del carico ripartito espressa in [m]
X_f	Ascissa del punto finale del carico ripartito espressa in [m]
Q_i	Intensità del carico per x=X_i espressa in [kg/m]
Q_f	Intensità del carico per x=X_f espressa in [kg/m]
D / C	Tipo carico : D=distribuito C=concentrato

Condizione n° 1 (Condizione 1)
D Profilo **X_i**=0.00 **X_f**=10.00 **Q_i**=4000.00 **Q_f**=4000.00

Descrizione combinazioni di carico

Simbologia adottata

C	Coefficiente totale di partecipazione della condizione

Combinazione n° 1 Tensioni ammissibili

	C
Peso proprio	1.00
Spinta terreno	1.00

Combinazione n° 2 Tensioni ammissibili - Sismica

	C
Peso proprio	1.00
Spinta terreno	1.00

Combinazione n° 3 Tensioni ammissibili

	C
Peso proprio	1.00
Spinta terreno	1.00
Condizione 1	1.00

Combinazione n° 4 Tensioni ammissibili - Sismica

	C
Peso proprio	1.00
Spinta terreno	1.00
Condizione 1	1.00

Impostazioni di analisi

Metodo verifica sezioni **Tensioni ammissibili**

Impostazioni avanzate

Diagramma correttivo per eccentricità negativa con aliquota di parzializzazione pari a 0.00

Quadro riassuntivo coeff. di sicurezza calcolati

Simbologia adottata

C	Identificativo della combinazione
Tipo	Tipo combinazione
Sisma	Combinazione sismica
CS_{SCO}	Coeff. di sicurezza allo scorrimento
CS_{RIB}	Coeff. di sicurezza al ribaltamento
CS_{QLIM}	Coeff. di sicurezza a carico limite
CS_{STAB}	Coeff. di sicurezza a stabilità globale

C	Tipo	Sisma	cs_{sco}	cs_{rib}	cs_{qlim}	cs_{stab}
1	TAMM - [1]	--	0.52	1.49	0.97	1.06
2	TAMM - [2]	Orizzontale	0.46	1.21	0.54	1.01
3	TAMM - [3]	--	0.37	0.90	-0.01	0.91
4	TAMM - [4]	Orizzontale	0.33	0.78	-0.01	0.87

Analisi della spinta e verifiche

Sistema di riferimento adottato per le coordinate :
Origine in testa al muro (spigolo di monte)
Ascisse X (espresse in [m]) positive verso monte
Ordinate Y (espresse in [m]) positive verso l'alto
Le forze orizzontali sono considerate positive se agenti da monte verso valle
Le forze verticali sono considerate positive se agenti dall'alto verso il basso

Calcolo riferito ad 1 metro di muro

Tipo di analisi

Calcolo della spinta	metodo di Mononobe-Okabe
Calcolo del carico limite	metodo di Meyerhof
Calcolo della stabilità globale	metodo di Fellenius
Calcolo della spinta in condizioni di	Spinta attiva

Sisma

Coefficiente di intensità sismica (percento)	4.80
Forma diagramma incremento sismico	Triangolare con vertice in basso
Partecipazione spinta passiva (percento)	0.0
Lunghezza del muro	10.00 [m]
Peso muro	10000.00 [kg]
Baricentro del muro	X=-0.56 Y=-3.69

Superficie di spinta

Punto inferiore superficie di spinta	X = 0.00 Y = -6.00
Punto superiore superficie di spinta	X = 0.00 Y = 0.00
Altezza della superficie di spinta	6.00 [m]
Inclinazione superficie di spinta(rispetto alla verticale)	0.00 [°]

COMBINAZIONE n° 1

Valore della spinta statica	9919.38	[kg]		
Componente orizzontale della spinta statica	9321.17	[kg]		
Componente verticale della spinta statica	3392.63	[kg]		
Punto d'applicazione della spinta	X = 0.00	[m]	Y = -4.00	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Peso terrapieno gravante sulla fondazione a monte	0.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 0.00	[m]	Y = 0.00	[m]

Risultanti

Risultante dei carichi applicati in dir. orizzontale	9321.17	[kg]
Risultante dei carichi applicati in dir. verticale	13392.63	[kg]
Momento ribaltante rispetto allo spigolo a valle	18642.35	[kgm]

Momento stabilizzante rispetto allo spigolo a valle	27856.57	[kgm]		
Sforzo normale sul piano di posa della fondazione	13392.63	[kg]		
Sforzo tangenziale sul piano di posa della fondazione	9321.17	[kg]		
Eccentricità rispetto al baricentro della fondazione	0.56	[m]		
Risultante in fondazione	16317.07	[kg]		
Inclinazione della risultante (rispetto alla normale)	34.84	[°]		
Momento rispetto al baricentro della fondazione	7526.56	[kgm]		
Carico ultimo della fondazione	13030.04	[kg]		

Tensioni sul terreno

Lunghezza fondazione reagente	2.06	[m]		
Tensione terreno allo spigolo di valle	1.2977	[kg/cmq]		
Tensione terreno allo spigolo di monte	0.0000	[kg/cmq]		

Fattori per il calcolo della capacità portante

N_c = 35.49	N'_c = 14.29
N_q = 23.18	N'_q = 9.02
N_γ = 22.02	N'_γ = 0.18

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	1.49
Coefficiente di sicurezza a scorrimento	0.52
Coefficiente di sicurezza a carico ultimo	0.97
Coefficiente di sicurezza a stabilità globale	1.06

COMBINAZIONE n° 2

Valore della spinta statica	9919.38	[kg]		
Componente orizzontale della spinta statica	9321.17	[kg]		
Componente verticale della spinta statica	3392.63	[kg]		
Punto d'applicazione della spinta	X = 0.00	[m]	Y = -4.00	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Incremento sismico della spinta	1058.78	[kg]		
Punto d'applicazione dell'incremento sismico di spinta	X = 0.00	[m]	Y = -2.00	[m]
Coefficiente di spinta attiva in condizioni sismiche	0.3049	[°]		
Peso terrapieno gravante sulla fondazione a monte	0.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 0.00	[m]	Y = 0.00	[m]
Inerzia del muro	480.00	[kg]		
Inerzia del terrapieno fondazione di monte	0.00	[kg]		

Risultanti

Risultante dei carichi applicati in dir. orizzontale	10796.10	[kg]
Risultante dei carichi applicati in dir. verticale	13754.75	[kg]
Momento ribaltante rispetto allo spigolo a valle	23732.07	[kgm]
Momento stabilizzante rispetto allo spigolo a valle	28761.89	[kgm]
Sforzo normale sul piano di posa della fondazione	13754.75	[kg]
Sforzo tangenziale sul piano di posa della fondazione	10796.10	[kg]
Eccentricità rispetto al baricentro della fondazione	0.88	[m]
Risultante in fondazione	17485.68	[kg]
Inclinazione della risultante (rispetto alla normale)	38.13	[°]
Momento rispetto al baricentro della fondazione	12163.63	[kgm]
Carico ultimo della fondazione	7363.89	[kg]

Tensioni sul terreno

Lunghezza fondazione reagente	1.10	[m]
Tensione terreno allo spigolo di valle	2.5076	[kg/cmq]
Tensione terreno allo spigolo di monte	0.0000	[kg/cmq]

Fattori per il calcolo della capacità portante

N_c = 35.49	N'_c = 12.64
N_q = 23.18	N'_q = 7.98
N_γ = 22.02	N'_γ = 0.84

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	1.21
Coefficiente di sicurezza a scorrimento	0.46
Coefficiente di sicurezza a carico ultimo	0.54

Coefficiente di sicurezza a stabilità globale	1.01			

COMBINAZIONE n° 3

Valore della spinta statica	16532.31	[kg]		
Componente orizzontale della spinta statica	15535.29	[kg]		
Componente verticale della spinta statica	5654.38	[kg]		
Punto d'applicazione della spinta	X = 0.00	[m]	Y = -3.60	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Peso terrapieno gravante sulla fondazione a monte	0.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 0.00	[m]	Y = 0.00	[m]

Risultanti

Risultante dei carichi applicati in dir. orizzontale	15535.29	[kg]
Risultante dei carichi applicati in dir. verticale	15654.38	[kg]
Momento ribaltante rispetto allo spigolo a valle	37284.69	[kgm]
Momento stabilizzante rispetto allo spigolo a valle	33510.96	[kgm]
Sforzo normale sul piano di posa della fondazione	15654.38	[kg]
Sforzo tangenziale sul piano di posa della fondazione	15535.29	[kg]
Eccentricità rispetto al baricentro della fondazione	1.49	[m]
Risultante in fondazione	22054.59	[kg]
Inclinazione della risultante (rispetto alla normale)	44.78	[°]
Momento rispetto al baricentro della fondazione	23341.71	[kgm]
Carico ultimo della fondazione	-100.00	[kg]

Tensioni sul terreno

Lunghezza fondazione reagente	-0.72	[m]
Tensione terreno allo spigolo di valle	-4.3292	[kg/cmq]
Tensione terreno allo spigolo di monte	0.0000	[kg/cmq]

Fattori per il calcolo della capacità portante

N_c = 0.00	N'_c = 0.00
N_q = 0.00	N'_q = 0.00
N_γ = 0.00	N'_γ = 0.00

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	0.90
Coefficiente di sicurezza a scorrimento	0.37
Coefficiente di sicurezza a carico ultimo	-0.01
Coefficiente di sicurezza a stabilità globale	0.91

COMBINAZIONE n° 4

Valore della spinta statica	16532.31	[kg]		
Componente orizzontale della spinta statica	15535.29	[kg]		
Componente verticale della spinta statica	5654.38	[kg]		
Punto d'applicazione della spinta	X = 0.00	[m]	Y = -3.60	[m]
Inclinaz. della spinta rispetto alla normale alla superficie	20.00	[°]		
Coefficiente di spinta attiva in condizioni statiche	0.2755	[°]		
Incremento sismico della spinta	1764.64	[kg]		
Punto d'applicazione dell'incremento sismico di spinta	X = 0.00	[m]	Y = -2.00	[m]
Coefficiente di spinta attiva in condizioni sismiche	0.3049	[°]		
Peso terrapieno gravante sulla fondazione a monte	0.00	[kg]		
Baricentro terrapieno gravante sulla fondazione a monte	X = 0.00	[m]	Y = 0.00	[m]
Inerzia del muro	480.00	[kg]		
Inerzia del terrapieno fondazione di monte	0.00	[kg]		

Risultanti

Risultante dei carichi applicati in dir. orizzontale	17673.51	[kg]
Risultante dei carichi applicati in dir. verticale	16257.92	[kg]
Momento ribaltante rispetto allo spigolo a valle	45027.56	[kgm]
Momento stabilizzante rispetto allo spigolo a valle	35019.81	[kgm]
Sforzo normale sul piano di posa della fondazione	16257.92	[kg]
Sforzo tangenziale sul piano di posa della fondazione	17673.51	[kg]
Eccentricità rispetto al baricentro della fondazione	1.87	[m]

Risultante in fondazione	24014.01	[kg]
Inclinazione della risultante (rispetto alla normale)	47.39	[°]
Momento rispetto al baricentro della fondazione	30330.16	[kgm]
Carico ultimo della fondazione	-100.00	[kg]

Tensioni sul terreno

Lunghezza fondazione reagente	-1.85	[m]
Tensione terreno allo spigolo di valle	-1.7608	[kg/cmq]
Tensione terreno allo spigolo di monte	0.0000	[kg/cmq]

Fattori per il calcolo della capacità portante

N_c = 0.00	N'_c = 0.00
N_q = 0.00	N'_q = 0.00
N_γ = 0.00	N'_γ = 0.00

COEFFICIENTI DI SICUREZZA

Coefficiente di sicurezza a ribaltamento	0.78
Coefficiente di sicurezza a scorrimento	0.33
Coefficiente di sicurezza a carico ultimo	-0.01
Coefficiente di sicurezza a stabilità globale	0.87

9.3. Scatolare

JOINT COORDINATES

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX	GlobalY	GlobalZ	GUID
1	GLOBAL	Cartesian	0	216.535	-78.74	No	0	216.535	-78.74	
2	GLOBAL	Cartesian	0	0	-78.74	No	0	0	-78.74	
3	GLOBAL	Cartesian	0	0	0	No	0	0	0	
4	GLOBAL	Cartesian	0	216.535	0	No	0	216.535	0	
5	GLOBAL	Cartesian	275.591	216.535	-78.74	No	275.591	216.535	-78.74	
6	GLOBAL	Cartesian	275.591	0	-78.74	No	275.591	0	-78.74	
7	GLOBAL	Cartesian	275.591	0	0	No	275.591	0	0	
8	GLOBAL	Cartesian	275.591	216.535	0	No	275.591	216.535	0	
9	GLOBAL	Cartesian	0	216.535	-216.535	No	0	216.535	-216.535	
10	GLOBAL	Cartesian	0	0	-216.535	No	0	0	-216.535	
11	GLOBAL	Cartesian	275.591	0	-216.535	No	275.591	0	-216.535	
12	GLOBAL	Cartesian	275.591	216.535	-216.535	No	275.591	216.535	-216.535	
13	GLOBAL	Cartesian	19.685	216.535	-216.535	No	19.685	216.535	-216.535	
14	GLOBAL	Cartesian	19.685	216.535	-196.85	No	19.685	216.535	-196.85	
15	GLOBAL	Cartesian	0	216.535	-196.85	No	0	216.535	-196.85	
16	GLOBAL	Cartesian	19.685	216.535	-177.165	No	19.685	216.535	-177.165	
17	GLOBAL	Cartesian	0	216.535	-177.165	No	0	216.535	-177.165	
18	GLOBAL	Cartesian	19.685	216.535	-157.48	No	19.685	216.535	-157.48	
19	GLOBAL	Cartesian	0	216.535	-157.48	No	0	216.535	-157.48	
20	GLOBAL	Cartesian	19.685	216.535	-137.795	No	19.685	216.535	-137.795	
21	GLOBAL	Cartesian	0	216.535	-137.795	No	0	216.535	-137.795	
22	GLOBAL	Cartesian	19.685	216.535	-118.11	No	19.685	216.535	-118.11	

23	GLOBAL	Cartesian	0	216.535	-118.11	No	0	216.535	-118.11	
24	GLOBAL	Cartesian	19.685	216.535	-98.425	No	19.685	216.535	-98.425	
25	GLOBAL	Cartesian	0	216.535	-98.425	No	0	216.535	-98.425	
26	GLOBAL	Cartesian	19.685	216.535	-78.74	No	19.685	216.535	-78.74	
27	GLOBAL	Cartesian	39.37	216.535	-216.535	No	39.37	216.535	-216.535	
28	GLOBAL	Cartesian	39.37	216.535	-196.85	No	39.37	216.535	-196.85	
29	GLOBAL	Cartesian	39.37	216.535	-177.165	No	39.37	216.535	-177.165	
30	GLOBAL	Cartesian	39.37	216.535	-157.48	No	39.37	216.535	-157.48	
31	GLOBAL	Cartesian	39.37	216.535	-137.795	No	39.37	216.535	-137.795	
32	GLOBAL	Cartesian	39.37	216.535	-118.11	No	39.37	216.535	-118.11	
33	GLOBAL	Cartesian	39.37	216.535	-98.425	No	39.37	216.535	-98.425	
34	GLOBAL	Cartesian	39.37	216.535	-78.74	No	39.37	216.535	-78.74	
35	GLOBAL	Cartesian	59.055	216.535	-216.535	No	59.055	216.535	-216.535	
36	GLOBAL	Cartesian	59.055	216.535	-196.85	No	59.055	216.535	-196.85	
37	GLOBAL	Cartesian	59.055	216.535	-177.165	No	59.055	216.535	-177.165	
38	GLOBAL	Cartesian	59.055	216.535	-157.48	No	59.055	216.535	-157.48	
39	GLOBAL	Cartesian	59.055	216.535	-137.795	No	59.055	216.535	-137.795	
40	GLOBAL	Cartesian	59.055	216.535	-118.11	No	59.055	216.535	-118.11	
41	GLOBAL	Cartesian	59.055	216.535	-98.425	No	59.055	216.535	-98.425	
42	GLOBAL	Cartesian	59.055	216.535	-78.74	No	59.055	216.535	-78.74	
43	GLOBAL	Cartesian	78.74	216.535	-216.535	No	78.74	216.535	-216.535	
44	GLOBAL	Cartesian	78.74	216.535	-196.85	No	78.74	216.535	-196.85	
45	GLOBAL	Cartesian	78.74	216.535	-177.165	No	78.74	216.535	-177.165	
46	GLOBAL	Cartesian	78.74	216.535	-157.48	No	78.74	216.535	-157.48	
47	GLOBAL	Cartesian	78.74	216.535	-137.795	No	78.74	216.535	-137.795	

48	GLOBAL	Cartesian	78.74	216.535	-118.11	No	78.74	216.535	-118.11	
49	GLOBAL	Cartesian	78.74	216.535	-98.425	No	78.74	216.535	-98.425	
50	GLOBAL	Cartesian	78.74	216.535	-78.74	No	78.74	216.535	-78.74	
51	GLOBAL	Cartesian	98.425	216.535	-216.535	No	98.425	216.535	-216.535	
52	GLOBAL	Cartesian	98.425	216.535	-196.85	No	98.425	216.535	-196.85	
53	GLOBAL	Cartesian	98.425	216.535	-177.165	No	98.425	216.535	-177.165	
54	GLOBAL	Cartesian	98.425	216.535	-157.48	No	98.425	216.535	-157.48	
55	GLOBAL	Cartesian	98.425	216.535	-137.795	No	98.425	216.535	-137.795	
56	GLOBAL	Cartesian	98.425	216.535	-118.11	No	98.425	216.535	-118.11	
57	GLOBAL	Cartesian	98.425	216.535	-98.425	No	98.425	216.535	-98.425	
58	GLOBAL	Cartesian	98.425	216.535	-78.74	No	98.425	216.535	-78.74	
59	GLOBAL	Cartesian	118.11	216.535	-216.535	No	118.11	216.535	-216.535	
60	GLOBAL	Cartesian	118.11	216.535	-196.85	No	118.11	216.535	-196.85	
61	GLOBAL	Cartesian	118.11	216.535	-177.165	No	118.11	216.535	-177.165	
62	GLOBAL	Cartesian	118.11	216.535	-157.48	No	118.11	216.535	-157.48	
63	GLOBAL	Cartesian	118.11	216.535	-137.795	No	118.11	216.535	-137.795	
64	GLOBAL	Cartesian	118.11	216.535	-118.11	No	118.11	216.535	-118.11	
65	GLOBAL	Cartesian	118.11	216.535	-98.425	No	118.11	216.535	-98.425	
66	GLOBAL	Cartesian	118.11	216.535	-78.74	No	118.11	216.535	-78.74	
67	GLOBAL	Cartesian	137.795	216.535	-216.535	No	137.795	216.535	-216.535	
68	GLOBAL	Cartesian	137.795	216.535	-196.85	No	137.795	216.535	-196.85	
69	GLOBAL	Cartesian	137.795	216.535	-177.165	No	137.795	216.535	-177.165	
70	GLOBAL	Cartesian	137.795	216.535	-157.48	No	137.795	216.535	-157.48	
71	GLOBAL	Cartesian	137.795	216.535	-137.795	No	137.795	216.535	-137.795	
72	GLOBAL	Cartesian	137.795	216.535	-118.11	No	137.795	216.535	-118.11	

73	GLOBAL	Cartesian	137.795	216.535	-98.425	No	137.795	216.535	-98.425	
74	GLOBAL	Cartesian	137.795	216.535	-78.74	No	137.795	216.535	-78.74	
75	GLOBAL	Cartesian	157.48	216.535	-216.535	No	157.48	216.535	-216.535	
76	GLOBAL	Cartesian	157.48	216.535	-196.85	No	157.48	216.535	-196.85	
77	GLOBAL	Cartesian	157.48	216.535	-177.165	No	157.48	216.535	-177.165	
78	GLOBAL	Cartesian	157.48	216.535	-157.48	No	157.48	216.535	-157.48	
79	GLOBAL	Cartesian	157.48	216.535	-137.795	No	157.48	216.535	-137.795	
80	GLOBAL	Cartesian	157.48	216.535	-118.11	No	157.48	216.535	-118.11	
81	GLOBAL	Cartesian	157.48	216.535	-98.425	No	157.48	216.535	-98.425	
82	GLOBAL	Cartesian	157.48	216.535	-78.74	No	157.48	216.535	-78.74	
83	GLOBAL	Cartesian	177.165	216.535	-216.535	No	177.165	216.535	-216.535	
84	GLOBAL	Cartesian	177.165	216.535	-196.85	No	177.165	216.535	-196.85	
85	GLOBAL	Cartesian	177.165	216.535	-177.165	No	177.165	216.535	-177.165	
86	GLOBAL	Cartesian	177.165	216.535	-157.48	No	177.165	216.535	-157.48	
87	GLOBAL	Cartesian	177.165	216.535	-137.795	No	177.165	216.535	-137.795	
88	GLOBAL	Cartesian	177.165	216.535	-118.11	No	177.165	216.535	-118.11	
89	GLOBAL	Cartesian	177.165	216.535	-98.425	No	177.165	216.535	-98.425	
90	GLOBAL	Cartesian	177.165	216.535	-78.74	No	177.165	216.535	-78.74	
91	GLOBAL	Cartesian	196.85	216.535	-216.535	No	196.85	216.535	-216.535	
92	GLOBAL	Cartesian	196.85	216.535	-196.85	No	196.85	216.535	-196.85	
93	GLOBAL	Cartesian	196.85	216.535	-177.165	No	196.85	216.535	-177.165	
94	GLOBAL	Cartesian	196.85	216.535	-157.48	No	196.85	216.535	-157.48	
95	GLOBAL	Cartesian	196.85	216.535	-137.795	No	196.85	216.535	-137.795	
96	GLOBAL	Cartesian	196.85	216.535	-118.11	No	196.85	216.535	-118.11	
97	GLOBAL	Cartesian	196.85	216.535	-98.425	No	196.85	216.535	-98.425	

98	GLOBAL	Cartesian	196.85	216.535	-78.74	No	196.85	216.535	-78.74	
99	GLOBAL	Cartesian	216.535	216.535	-216.535	No	216.535	216.535	-216.535	
100	GLOBAL	Cartesian	216.535	216.535	-196.85	No	216.535	216.535	-196.85	
101	GLOBAL	Cartesian	216.535	216.535	-177.165	No	216.535	216.535	-177.165	
102	GLOBAL	Cartesian	216.535	216.535	-157.48	No	216.535	216.535	-157.48	
103	GLOBAL	Cartesian	216.535	216.535	-137.795	No	216.535	216.535	-137.795	
104	GLOBAL	Cartesian	216.535	216.535	-118.11	No	216.535	216.535	-118.11	
105	GLOBAL	Cartesian	216.535	216.535	-98.425	No	216.535	216.535	-98.425	
106	GLOBAL	Cartesian	216.535	216.535	-78.74	No	216.535	216.535	-78.74	
107	GLOBAL	Cartesian	236.22	216.535	-216.535	No	236.22	216.535	-216.535	
108	GLOBAL	Cartesian	236.22	216.535	-196.85	No	236.22	216.535	-196.85	
109	GLOBAL	Cartesian	236.22	216.535	-177.165	No	236.22	216.535	-177.165	
110	GLOBAL	Cartesian	236.22	216.535	-157.48	No	236.22	216.535	-157.48	
111	GLOBAL	Cartesian	236.22	216.535	-137.795	No	236.22	216.535	-137.795	
112	GLOBAL	Cartesian	236.22	216.535	-118.11	No	236.22	216.535	-118.11	
113	GLOBAL	Cartesian	236.22	216.535	-98.425	No	236.22	216.535	-98.425	
114	GLOBAL	Cartesian	236.22	216.535	-78.74	No	236.22	216.535	-78.74	
115	GLOBAL	Cartesian	255.906	216.535	-216.535	No	255.906	216.535	-216.535	
116	GLOBAL	Cartesian	255.906	216.535	-196.85	No	255.906	216.535	-196.85	
117	GLOBAL	Cartesian	255.906	216.535	-177.165	No	255.906	216.535	-177.165	
118	GLOBAL	Cartesian	255.906	216.535	-157.48	No	255.906	216.535	-157.48	
119	GLOBAL	Cartesian	255.906	216.535	-137.795	No	255.906	216.535	-137.795	
120	GLOBAL	Cartesian	255.906	216.535	-118.11	No	255.906	216.535	-118.11	
121	GLOBAL	Cartesian	255.906	216.535	-98.425	No	255.906	216.535	-98.425	
122	GLOBAL	Cartesian	255.906	216.535	-78.74	No	255.906	216.535	-78.74	

123	GLOBAL	Cartesian	275.591	216.535	-196.85	No	275.591	216.535	-196.85	
124	GLOBAL	Cartesian	275.591	216.535	-177.165	No	275.591	216.535	-177.165	
125	GLOBAL	Cartesian	275.591	216.535	-157.48	No	275.591	216.535	-157.48	
126	GLOBAL	Cartesian	275.591	216.535	-137.795	No	275.591	216.535	-137.795	
127	GLOBAL	Cartesian	275.591	216.535	-118.11	No	275.591	216.535	-118.11	
128	GLOBAL	Cartesian	275.591	216.535	-98.425	No	275.591	216.535	-98.425	
129	GLOBAL	Cartesian	19.685	0	-216.535	No	19.685	0	-216.535	
130	GLOBAL	Cartesian	19.685	0	-196.85	No	19.685	0	-196.85	
131	GLOBAL	Cartesian	0	0	-196.85	No	0	0	-196.85	
132	GLOBAL	Cartesian	19.685	0	-177.165	No	19.685	0	-177.165	
133	GLOBAL	Cartesian	0	0	-177.165	No	0	0	-177.165	
134	GLOBAL	Cartesian	19.685	0	-157.48	No	19.685	0	-157.48	
135	GLOBAL	Cartesian	0	0	-157.48	No	0	0	-157.48	
136	GLOBAL	Cartesian	19.685	0	-137.795	No	19.685	0	-137.795	
137	GLOBAL	Cartesian	0	0	-137.795	No	0	0	-137.795	
138	GLOBAL	Cartesian	19.685	0	-118.11	No	19.685	0	-118.11	
139	GLOBAL	Cartesian	0	0	-118.11	No	0	0	-118.11	
140	GLOBAL	Cartesian	19.685	0	-98.425	No	19.685	0	-98.425	
141	GLOBAL	Cartesian	0	0	-98.425	No	0	0	-98.425	
142	GLOBAL	Cartesian	19.685	0	-78.74	No	19.685	0	-78.74	
143	GLOBAL	Cartesian	39.37	0	-216.535	No	39.37	0	-216.535	
144	GLOBAL	Cartesian	39.37	0	-196.85	No	39.37	0	-196.85	
145	GLOBAL	Cartesian	39.37	0	-177.165	No	39.37	0	-177.165	
146	GLOBAL	Cartesian	39.37	0	-157.48	No	39.37	0	-157.48	
147	GLOBAL	Cartesian	39.37	0	-137.795	No	39.37	0	-137.795	

148	GLOBAL	Cartesian	39.37	0	-118.11	No	39.37	0	-118.11	
149	GLOBAL	Cartesian	39.37	0	-98.425	No	39.37	0	-98.425	
150	GLOBAL	Cartesian	39.37	0	-78.74	No	39.37	0	-78.74	
151	GLOBAL	Cartesian	59.055	0	-216.535	No	59.055	0	-216.535	
152	GLOBAL	Cartesian	59.055	0	-196.85	No	59.055	0	-196.85	
153	GLOBAL	Cartesian	59.055	0	-177.165	No	59.055	0	-177.165	
154	GLOBAL	Cartesian	59.055	0	-157.48	No	59.055	0	-157.48	
155	GLOBAL	Cartesian	59.055	0	-137.795	No	59.055	0	-137.795	
156	GLOBAL	Cartesian	59.055	0	-118.11	No	59.055	0	-118.11	
157	GLOBAL	Cartesian	59.055	0	-98.425	No	59.055	0	-98.425	
158	GLOBAL	Cartesian	59.055	0	-78.74	No	59.055	0	-78.74	
159	GLOBAL	Cartesian	78.74	0	-216.535	No	78.74	0	-216.535	
160	GLOBAL	Cartesian	78.74	0	-196.85	No	78.74	0	-196.85	
161	GLOBAL	Cartesian	78.74	0	-177.165	No	78.74	0	-177.165	
162	GLOBAL	Cartesian	78.74	0	-157.48	No	78.74	0	-157.48	
163	GLOBAL	Cartesian	78.74	0	-137.795	No	78.74	0	-137.795	
164	GLOBAL	Cartesian	78.74	0	-118.11	No	78.74	0	-118.11	
165	GLOBAL	Cartesian	78.74	0	-98.425	No	78.74	0	-98.425	
166	GLOBAL	Cartesian	78.74	0	-78.74	No	78.74	0	-78.74	
167	GLOBAL	Cartesian	98.425	0	-216.535	No	98.425	0	-216.535	
168	GLOBAL	Cartesian	98.425	0	-196.85	No	98.425	0	-196.85	
169	GLOBAL	Cartesian	98.425	0	-177.165	No	98.425	0	-177.165	
170	GLOBAL	Cartesian	98.425	0	-157.48	No	98.425	0	-157.48	
171	GLOBAL	Cartesian	98.425	0	-137.795	No	98.425	0	-137.795	
172	GLOBAL	Cartesian	98.425	0	-118.11	No	98.425	0	-118.11	

173	GLOBAL	Cartesian	98.425	0	-98.425	No	98.425	0	-98.425	
174	GLOBAL	Cartesian	98.425	0	-78.74	No	98.425	0	-78.74	
175	GLOBAL	Cartesian	118.11	0	-216.535	No	118.11	0	-216.535	
176	GLOBAL	Cartesian	118.11	0	-196.85	No	118.11	0	-196.85	
177	GLOBAL	Cartesian	118.11	0	-177.165	No	118.11	0	-177.165	
178	GLOBAL	Cartesian	118.11	0	-157.48	No	118.11	0	-157.48	
179	GLOBAL	Cartesian	118.11	0	-137.795	No	118.11	0	-137.795	
180	GLOBAL	Cartesian	118.11	0	-118.11	No	118.11	0	-118.11	
181	GLOBAL	Cartesian	118.11	0	-98.425	No	118.11	0	-98.425	
182	GLOBAL	Cartesian	118.11	0	-78.74	No	118.11	0	-78.74	
183	GLOBAL	Cartesian	137.795	0	-216.535	No	137.795	0	-216.535	
184	GLOBAL	Cartesian	137.795	0	-196.85	No	137.795	0	-196.85	
185	GLOBAL	Cartesian	137.795	0	-177.165	No	137.795	0	-177.165	
186	GLOBAL	Cartesian	137.795	0	-157.48	No	137.795	0	-157.48	
187	GLOBAL	Cartesian	137.795	0	-137.795	No	137.795	0	-137.795	
188	GLOBAL	Cartesian	137.795	0	-118.11	No	137.795	0	-118.11	
189	GLOBAL	Cartesian	137.795	0	-98.425	No	137.795	0	-98.425	
190	GLOBAL	Cartesian	137.795	0	-78.74	No	137.795	0	-78.74	
191	GLOBAL	Cartesian	157.48	0	-216.535	No	157.48	0	-216.535	
192	GLOBAL	Cartesian	157.48	0	-196.85	No	157.48	0	-196.85	
193	GLOBAL	Cartesian	157.48	0	-177.165	No	157.48	0	-177.165	
194	GLOBAL	Cartesian	157.48	0	-157.48	No	157.48	0	-157.48	
195	GLOBAL	Cartesian	157.48	0	-137.795	No	157.48	0	-137.795	
196	GLOBAL	Cartesian	157.48	0	-118.11	No	157.48	0	-118.11	
197	GLOBAL	Cartesian	157.48	0	-98.425	No	157.48	0	-98.425	

198	GLOBAL	Cartesian	157.48	0	-78.74	No	157.48	0	-78.74	
199	GLOBAL	Cartesian	177.165	0	-216.535	No	177.165	0	-216.535	
200	GLOBAL	Cartesian	177.165	0	-196.85	No	177.165	0	-196.85	
201	GLOBAL	Cartesian	177.165	0	-177.165	No	177.165	0	-177.165	
202	GLOBAL	Cartesian	177.165	0	-157.48	No	177.165	0	-157.48	
203	GLOBAL	Cartesian	177.165	0	-137.795	No	177.165	0	-137.795	
204	GLOBAL	Cartesian	177.165	0	-118.11	No	177.165	0	-118.11	
205	GLOBAL	Cartesian	177.165	0	-98.425	No	177.165	0	-98.425	
206	GLOBAL	Cartesian	177.165	0	-78.74	No	177.165	0	-78.74	
207	GLOBAL	Cartesian	196.85	0	-216.535	No	196.85	0	-216.535	
208	GLOBAL	Cartesian	196.85	0	-196.85	No	196.85	0	-196.85	
209	GLOBAL	Cartesian	196.85	0	-177.165	No	196.85	0	-177.165	
210	GLOBAL	Cartesian	196.85	0	-157.48	No	196.85	0	-157.48	
211	GLOBAL	Cartesian	196.85	0	-137.795	No	196.85	0	-137.795	
212	GLOBAL	Cartesian	196.85	0	-118.11	No	196.85	0	-118.11	
213	GLOBAL	Cartesian	196.85	0	-98.425	No	196.85	0	-98.425	
214	GLOBAL	Cartesian	196.85	0	-78.74	No	196.85	0	-78.74	
215	GLOBAL	Cartesian	216.535	0	-216.535	No	216.535	0	-216.535	
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217	GLOBAL	Cartesian	216.535	0	-177.165	No	216.535	0	-177.165	
218	GLOBAL	Cartesian	216.535	0	-157.48	No	216.535	0	-157.48	
219	GLOBAL	Cartesian	216.535	0	-137.795	No	216.535	0	-137.795	
220	GLOBAL	Cartesian	216.535	0	-118.11	No	216.535	0	-118.11	
221	GLOBAL	Cartesian	216.535	0	-98.425	No	216.535	0	-98.425	
222	GLOBAL	Cartesian	216.535	0	-78.74	No	216.535	0	-78.74	

223	GLOBAL	Cartesian	236.22	0	-216.535	No	236.22	0	-216.535	
224	GLOBAL	Cartesian	236.22	0	-196.85	No	236.22	0	-196.85	
225	GLOBAL	Cartesian	236.22	0	-177.165	No	236.22	0	-177.165	
226	GLOBAL	Cartesian	236.22	0	-157.48	No	236.22	0	-157.48	
227	GLOBAL	Cartesian	236.22	0	-137.795	No	236.22	0	-137.795	
228	GLOBAL	Cartesian	236.22	0	-118.11	No	236.22	0	-118.11	
229	GLOBAL	Cartesian	236.22	0	-98.425	No	236.22	0	-98.425	
230	GLOBAL	Cartesian	236.22	0	-78.74	No	236.22	0	-78.74	
231	GLOBAL	Cartesian	255.906	0	-216.535	No	255.906	0	-216.535	
232	GLOBAL	Cartesian	255.906	0	-196.85	No	255.906	0	-196.85	
233	GLOBAL	Cartesian	255.906	0	-177.165	No	255.906	0	-177.165	
234	GLOBAL	Cartesian	255.906	0	-157.48	No	255.906	0	-157.48	
235	GLOBAL	Cartesian	255.906	0	-137.795	No	255.906	0	-137.795	
236	GLOBAL	Cartesian	255.906	0	-118.11	No	255.906	0	-118.11	
237	GLOBAL	Cartesian	255.906	0	-98.425	No	255.906	0	-98.425	
238	GLOBAL	Cartesian	255.906	0	-78.74	No	255.906	0	-78.74	
239	GLOBAL	Cartesian	275.591	0	-196.85	No	275.591	0	-196.85	
240	GLOBAL	Cartesian	275.591	0	-177.165	No	275.591	0	-177.165	
241	GLOBAL	Cartesian	275.591	0	-157.48	No	275.591	0	-157.48	
242	GLOBAL	Cartesian	275.591	0	-137.795	No	275.591	0	-137.795	
243	GLOBAL	Cartesian	275.591	0	-118.11	No	275.591	0	-118.11	
244	GLOBAL	Cartesian	275.591	0	-98.425	No	275.591	0	-98.425	
597	GLOBAL	Cartesian	0	196.85	-216.535	No	0	196.85	-216.535	
598	GLOBAL	Cartesian	19.685	196.85	-216.535	No	19.685	196.85	-216.535	
599	GLOBAL	Cartesian	39.37	196.85	-216.535	No	39.37	196.85	-216.535	

600	GLOBAL	Cartesian	59.055	196.85	-216.535	No	59.055	196.85	-216.535	
601	GLOBAL	Cartesian	78.74	196.85	-216.535	No	78.74	196.85	-216.535	
602	GLOBAL	Cartesian	98.425	196.85	-216.535	No	98.425	196.85	-216.535	
603	GLOBAL	Cartesian	118.11	196.85	-216.535	No	118.11	196.85	-216.535	
604	GLOBAL	Cartesian	137.795	196.85	-216.535	No	137.795	196.85	-216.535	
605	GLOBAL	Cartesian	157.48	196.85	-216.535	No	157.48	196.85	-216.535	
606	GLOBAL	Cartesian	177.165	196.85	-216.535	No	177.165	196.85	-216.535	
607	GLOBAL	Cartesian	196.85	196.85	-216.535	No	196.85	196.85	-216.535	
608	GLOBAL	Cartesian	216.535	196.85	-216.535	No	216.535	196.85	-216.535	
609	GLOBAL	Cartesian	236.22	196.85	-216.535	No	236.22	196.85	-216.535	
610	GLOBAL	Cartesian	255.906	196.85	-216.535	No	255.906	196.85	-216.535	
611	GLOBAL	Cartesian	275.591	196.85	-216.535	No	275.591	196.85	-216.535	
612	GLOBAL	Cartesian	0	177.165	-216.535	No	0	177.165	-216.535	
613	GLOBAL	Cartesian	19.685	177.165	-216.535	No	19.685	177.165	-216.535	
614	GLOBAL	Cartesian	39.37	177.165	-216.535	No	39.37	177.165	-216.535	
615	GLOBAL	Cartesian	59.055	177.165	-216.535	No	59.055	177.165	-216.535	
616	GLOBAL	Cartesian	78.74	177.165	-216.535	No	78.74	177.165	-216.535	
617	GLOBAL	Cartesian	98.425	177.165	-216.535	No	98.425	177.165	-216.535	
618	GLOBAL	Cartesian	118.11	177.165	-216.535	No	118.11	177.165	-216.535	
619	GLOBAL	Cartesian	137.795	177.165	-216.535	No	137.795	177.165	-216.535	
620	GLOBAL	Cartesian	157.48	177.165	-216.535	No	157.48	177.165	-216.535	
621	GLOBAL	Cartesian	177.165	177.165	-216.535	No	177.165	177.165	-216.535	
622	GLOBAL	Cartesian	196.85	177.165	-216.535	No	196.85	177.165	-216.535	
623	GLOBAL	Cartesian	216.535	177.165	-216.535	No	216.535	177.165	-216.535	
624	GLOBAL	Cartesian	236.22	177.165	-216.535	No	236.22	177.165	-216.535	

625	GLOBAL	Cartesian	255.906	177.165	-216.535	No	255.906	177.165	-216.535	
626	GLOBAL	Cartesian	275.591	177.165	-216.535	No	275.591	177.165	-216.535	
627	GLOBAL	Cartesian	0	157.48	-216.535	No	0	157.48	-216.535	
628	GLOBAL	Cartesian	19.685	157.48	-216.535	No	19.685	157.48	-216.535	
629	GLOBAL	Cartesian	39.37	157.48	-216.535	No	39.37	157.48	-216.535	
630	GLOBAL	Cartesian	59.055	157.48	-216.535	No	59.055	157.48	-216.535	
631	GLOBAL	Cartesian	78.74	157.48	-216.535	No	78.74	157.48	-216.535	
632	GLOBAL	Cartesian	98.425	157.48	-216.535	No	98.425	157.48	-216.535	
633	GLOBAL	Cartesian	118.11	157.48	-216.535	No	118.11	157.48	-216.535	
634	GLOBAL	Cartesian	137.795	157.48	-216.535	No	137.795	157.48	-216.535	
635	GLOBAL	Cartesian	157.48	157.48	-216.535	No	157.48	157.48	-216.535	
636	GLOBAL	Cartesian	177.165	157.48	-216.535	No	177.165	157.48	-216.535	
637	GLOBAL	Cartesian	196.85	157.48	-216.535	No	196.85	157.48	-216.535	
638	GLOBAL	Cartesian	216.535	157.48	-216.535	No	216.535	157.48	-216.535	
639	GLOBAL	Cartesian	236.22	157.48	-216.535	No	236.22	157.48	-216.535	
640	GLOBAL	Cartesian	255.906	157.48	-216.535	No	255.906	157.48	-216.535	
641	GLOBAL	Cartesian	275.591	157.48	-216.535	No	275.591	157.48	-216.535	
642	GLOBAL	Cartesian	0	137.795	-216.535	No	0	137.795	-216.535	
643	GLOBAL	Cartesian	19.685	137.795	-216.535	No	19.685	137.795	-216.535	
644	GLOBAL	Cartesian	39.37	137.795	-216.535	No	39.37	137.795	-216.535	
645	GLOBAL	Cartesian	59.055	137.795	-216.535	No	59.055	137.795	-216.535	
646	GLOBAL	Cartesian	78.74	137.795	-216.535	No	78.74	137.795	-216.535	
647	GLOBAL	Cartesian	98.425	137.795	-216.535	No	98.425	137.795	-216.535	
648	GLOBAL	Cartesian	118.11	137.795	-216.535	No	118.11	137.795	-216.535	
649	GLOBAL	Cartesian	137.795	137.795	-216.535	No	137.795	137.795	-216.535	

650	GLOBAL	Cartesian	157.48	137.795	-216.535	No	157.48	137.795	-216.535	
651	GLOBAL	Cartesian	177.165	137.795	-216.535	No	177.165	137.795	-216.535	
652	GLOBAL	Cartesian	196.85	137.795	-216.535	No	196.85	137.795	-216.535	
653	GLOBAL	Cartesian	216.535	137.795	-216.535	No	216.535	137.795	-216.535	
654	GLOBAL	Cartesian	236.22	137.795	-216.535	No	236.22	137.795	-216.535	
655	GLOBAL	Cartesian	255.906	137.795	-216.535	No	255.906	137.795	-216.535	
656	GLOBAL	Cartesian	275.591	137.795	-216.535	No	275.591	137.795	-216.535	
657	GLOBAL	Cartesian	0	118.11	-216.535	No	0	118.11	-216.535	
658	GLOBAL	Cartesian	19.685	118.11	-216.535	No	19.685	118.11	-216.535	
659	GLOBAL	Cartesian	39.37	118.11	-216.535	No	39.37	118.11	-216.535	
660	GLOBAL	Cartesian	59.055	118.11	-216.535	No	59.055	118.11	-216.535	
661	GLOBAL	Cartesian	78.74	118.11	-216.535	No	78.74	118.11	-216.535	
662	GLOBAL	Cartesian	98.425	118.11	-216.535	No	98.425	118.11	-216.535	
663	GLOBAL	Cartesian	118.11	118.11	-216.535	No	118.11	118.11	-216.535	
664	GLOBAL	Cartesian	137.795	118.11	-216.535	No	137.795	118.11	-216.535	
665	GLOBAL	Cartesian	157.48	118.11	-216.535	No	157.48	118.11	-216.535	
666	GLOBAL	Cartesian	177.165	118.11	-216.535	No	177.165	118.11	-216.535	
667	GLOBAL	Cartesian	196.85	118.11	-216.535	No	196.85	118.11	-216.535	
668	GLOBAL	Cartesian	216.535	118.11	-216.535	No	216.535	118.11	-216.535	
669	GLOBAL	Cartesian	236.22	118.11	-216.535	No	236.22	118.11	-216.535	
670	GLOBAL	Cartesian	255.906	118.11	-216.535	No	255.906	118.11	-216.535	
671	GLOBAL	Cartesian	275.591	118.11	-216.535	No	275.591	118.11	-216.535	
672	GLOBAL	Cartesian	0	98.425	-216.535	No	0	98.425	-216.535	
673	GLOBAL	Cartesian	19.685	98.425	-216.535	No	19.685	98.425	-216.535	
674	GLOBAL	Cartesian	39.37	98.425	-216.535	No	39.37	98.425	-216.535	

675	GLOBAL	Cartesian	59.055	98.425	-216.535	No	59.055	98.425	-216.535	
676	GLOBAL	Cartesian	78.74	98.425	-216.535	No	78.74	98.425	-216.535	
677	GLOBAL	Cartesian	98.425	98.425	-216.535	No	98.425	98.425	-216.535	
678	GLOBAL	Cartesian	118.11	98.425	-216.535	No	118.11	98.425	-216.535	
679	GLOBAL	Cartesian	137.795	98.425	-216.535	No	137.795	98.425	-216.535	
680	GLOBAL	Cartesian	157.48	98.425	-216.535	No	157.48	98.425	-216.535	
681	GLOBAL	Cartesian	177.165	98.425	-216.535	No	177.165	98.425	-216.535	
682	GLOBAL	Cartesian	196.85	98.425	-216.535	No	196.85	98.425	-216.535	
683	GLOBAL	Cartesian	216.535	98.425	-216.535	No	216.535	98.425	-216.535	
684	GLOBAL	Cartesian	236.22	98.425	-216.535	No	236.22	98.425	-216.535	
685	GLOBAL	Cartesian	255.906	98.425	-216.535	No	255.906	98.425	-216.535	
686	GLOBAL	Cartesian	275.591	98.425	-216.535	No	275.591	98.425	-216.535	
687	GLOBAL	Cartesian	0	78.74	-216.535	No	0	78.74	-216.535	
688	GLOBAL	Cartesian	19.685	78.74	-216.535	No	19.685	78.74	-216.535	
689	GLOBAL	Cartesian	39.37	78.74	-216.535	No	39.37	78.74	-216.535	
690	GLOBAL	Cartesian	59.055	78.74	-216.535	No	59.055	78.74	-216.535	
691	GLOBAL	Cartesian	78.74	78.74	-216.535	No	78.74	78.74	-216.535	
692	GLOBAL	Cartesian	98.425	78.74	-216.535	No	98.425	78.74	-216.535	
693	GLOBAL	Cartesian	118.11	78.74	-216.535	No	118.11	78.74	-216.535	
694	GLOBAL	Cartesian	137.795	78.74	-216.535	No	137.795	78.74	-216.535	
695	GLOBAL	Cartesian	157.48	78.74	-216.535	No	157.48	78.74	-216.535	
696	GLOBAL	Cartesian	177.165	78.74	-216.535	No	177.165	78.74	-216.535	
697	GLOBAL	Cartesian	196.85	78.74	-216.535	No	196.85	78.74	-216.535	
698	GLOBAL	Cartesian	216.535	78.74	-216.535	No	216.535	78.74	-216.535	
699	GLOBAL	Cartesian	236.22	78.74	-216.535	No	236.22	78.74	-216.535	

700	GLOBAL	Cartesian	255.906	78.74	-216.535	No	255.906	78.74	-216.535	
701	GLOBAL	Cartesian	275.591	78.74	-216.535	No	275.591	78.74	-216.535	
702	GLOBAL	Cartesian	0	59.055	-216.535	No	0	59.055	-216.535	
703	GLOBAL	Cartesian	19.685	59.055	-216.535	No	19.685	59.055	-216.535	
704	GLOBAL	Cartesian	39.37	59.055	-216.535	No	39.37	59.055	-216.535	
705	GLOBAL	Cartesian	59.055	59.055	-216.535	No	59.055	59.055	-216.535	
706	GLOBAL	Cartesian	78.74	59.055	-216.535	No	78.74	59.055	-216.535	
707	GLOBAL	Cartesian	98.425	59.055	-216.535	No	98.425	59.055	-216.535	
708	GLOBAL	Cartesian	118.11	59.055	-216.535	No	118.11	59.055	-216.535	
709	GLOBAL	Cartesian	137.795	59.055	-216.535	No	137.795	59.055	-216.535	
710	GLOBAL	Cartesian	157.48	59.055	-216.535	No	157.48	59.055	-216.535	
711	GLOBAL	Cartesian	177.165	59.055	-216.535	No	177.165	59.055	-216.535	
712	GLOBAL	Cartesian	196.85	59.055	-216.535	No	196.85	59.055	-216.535	
713	GLOBAL	Cartesian	216.535	59.055	-216.535	No	216.535	59.055	-216.535	
714	GLOBAL	Cartesian	236.22	59.055	-216.535	No	236.22	59.055	-216.535	
715	GLOBAL	Cartesian	255.906	59.055	-216.535	No	255.906	59.055	-216.535	
716	GLOBAL	Cartesian	275.591	59.055	-216.535	No	275.591	59.055	-216.535	
717	GLOBAL	Cartesian	0	39.37	-216.535	No	0	39.37	-216.535	
718	GLOBAL	Cartesian	19.685	39.37	-216.535	No	19.685	39.37	-216.535	
719	GLOBAL	Cartesian	39.37	39.37	-216.535	No	39.37	39.37	-216.535	
720	GLOBAL	Cartesian	59.055	39.37	-216.535	No	59.055	39.37	-216.535	
721	GLOBAL	Cartesian	78.74	39.37	-216.535	No	78.74	39.37	-216.535	
722	GLOBAL	Cartesian	98.425	39.37	-216.535	No	98.425	39.37	-216.535	
723	GLOBAL	Cartesian	118.11	39.37	-216.535	No	118.11	39.37	-216.535	
724	GLOBAL	Cartesian	137.795	39.37	-216.535	No	137.795	39.37	-216.535	

725	GLOBAL	Cartesian	157.48	39.37	-216.535	No	157.48	39.37	-216.535	
726	GLOBAL	Cartesian	177.165	39.37	-216.535	No	177.165	39.37	-216.535	
727	GLOBAL	Cartesian	196.85	39.37	-216.535	No	196.85	39.37	-216.535	
728	GLOBAL	Cartesian	216.535	39.37	-216.535	No	216.535	39.37	-216.535	
729	GLOBAL	Cartesian	236.22	39.37	-216.535	No	236.22	39.37	-216.535	
730	GLOBAL	Cartesian	255.906	39.37	-216.535	No	255.906	39.37	-216.535	
731	GLOBAL	Cartesian	275.591	39.37	-216.535	No	275.591	39.37	-216.535	
732	GLOBAL	Cartesian	0	19.685	-216.535	No	0	19.685	-216.535	
733	GLOBAL	Cartesian	19.685	19.685	-216.535	No	19.685	19.685	-216.535	
734	GLOBAL	Cartesian	39.37	19.685	-216.535	No	39.37	19.685	-216.535	
735	GLOBAL	Cartesian	59.055	19.685	-216.535	No	59.055	19.685	-216.535	
736	GLOBAL	Cartesian	78.74	19.685	-216.535	No	78.74	19.685	-216.535	
737	GLOBAL	Cartesian	98.425	19.685	-216.535	No	98.425	19.685	-216.535	
738	GLOBAL	Cartesian	118.11	19.685	-216.535	No	118.11	19.685	-216.535	
739	GLOBAL	Cartesian	137.795	19.685	-216.535	No	137.795	19.685	-216.535	
740	GLOBAL	Cartesian	157.48	19.685	-216.535	No	157.48	19.685	-216.535	
741	GLOBAL	Cartesian	177.165	19.685	-216.535	No	177.165	19.685	-216.535	
742	GLOBAL	Cartesian	196.85	19.685	-216.535	No	196.85	19.685	-216.535	
743	GLOBAL	Cartesian	216.535	19.685	-216.535	No	216.535	19.685	-216.535	
744	GLOBAL	Cartesian	236.22	19.685	-216.535	No	236.22	19.685	-216.535	
745	GLOBAL	Cartesian	255.906	19.685	-216.535	No	255.906	19.685	-216.535	
746	GLOBAL	Cartesian	275.591	19.685	-216.535	No	275.591	19.685	-216.535	
747	GLOBAL	Cartesian	0	196.85	-78.74	No	0	196.85	-78.74	
748	GLOBAL	Cartesian	19.685	196.85	-78.74	No	19.685	196.85	-78.74	
749	GLOBAL	Cartesian	39.37	196.85	-78.74	No	39.37	196.85	-78.74	

750	GLOBAL	Cartesian	59.055	196.85	-78.74	No	59.055	196.85	-78.74	
751	GLOBAL	Cartesian	78.74	196.85	-78.74	No	78.74	196.85	-78.74	
752	GLOBAL	Cartesian	98.425	196.85	-78.74	No	98.425	196.85	-78.74	
753	GLOBAL	Cartesian	118.11	196.85	-78.74	No	118.11	196.85	-78.74	
754	GLOBAL	Cartesian	137.795	196.85	-78.74	No	137.795	196.85	-78.74	
755	GLOBAL	Cartesian	157.48	196.85	-78.74	No	157.48	196.85	-78.74	
756	GLOBAL	Cartesian	177.165	196.85	-78.74	No	177.165	196.85	-78.74	
757	GLOBAL	Cartesian	196.85	196.85	-78.74	No	196.85	196.85	-78.74	
758	GLOBAL	Cartesian	216.535	196.85	-78.74	No	216.535	196.85	-78.74	
759	GLOBAL	Cartesian	236.22	196.85	-78.74	No	236.22	196.85	-78.74	
760	GLOBAL	Cartesian	255.906	196.85	-78.74	No	255.906	196.85	-78.74	
761	GLOBAL	Cartesian	275.591	196.85	-78.74	No	275.591	196.85	-78.74	
762	GLOBAL	Cartesian	0	177.165	-78.74	No	0	177.165	-78.74	
763	GLOBAL	Cartesian	19.685	177.165	-78.74	No	19.685	177.165	-78.74	
764	GLOBAL	Cartesian	39.37	177.165	-78.74	No	39.37	177.165	-78.74	
765	GLOBAL	Cartesian	59.055	177.165	-78.74	No	59.055	177.165	-78.74	
766	GLOBAL	Cartesian	78.74	177.165	-78.74	No	78.74	177.165	-78.74	
767	GLOBAL	Cartesian	98.425	177.165	-78.74	No	98.425	177.165	-78.74	
768	GLOBAL	Cartesian	118.11	177.165	-78.74	No	118.11	177.165	-78.74	
769	GLOBAL	Cartesian	137.795	177.165	-78.74	No	137.795	177.165	-78.74	
770	GLOBAL	Cartesian	157.48	177.165	-78.74	No	157.48	177.165	-78.74	
771	GLOBAL	Cartesian	177.165	177.165	-78.74	No	177.165	177.165	-78.74	
772	GLOBAL	Cartesian	196.85	177.165	-78.74	No	196.85	177.165	-78.74	
773	GLOBAL	Cartesian	216.535	177.165	-78.74	No	216.535	177.165	-78.74	
774	GLOBAL	Cartesian	236.22	177.165	-78.74	No	236.22	177.165	-78.74	

775	GLOBAL	Cartesian	255.906	177.165	-78.74	No	255.906	177.165	-78.74	
776	GLOBAL	Cartesian	275.591	177.165	-78.74	No	275.591	177.165	-78.74	
777	GLOBAL	Cartesian	0	157.48	-78.74	No	0	157.48	-78.74	
778	GLOBAL	Cartesian	19.685	157.48	-78.74	No	19.685	157.48	-78.74	
779	GLOBAL	Cartesian	39.37	157.48	-78.74	No	39.37	157.48	-78.74	
780	GLOBAL	Cartesian	59.055	157.48	-78.74	No	59.055	157.48	-78.74	
781	GLOBAL	Cartesian	78.74	157.48	-78.74	No	78.74	157.48	-78.74	
782	GLOBAL	Cartesian	98.425	157.48	-78.74	No	98.425	157.48	-78.74	
783	GLOBAL	Cartesian	118.11	157.48	-78.74	No	118.11	157.48	-78.74	
784	GLOBAL	Cartesian	137.795	157.48	-78.74	No	137.795	157.48	-78.74	
785	GLOBAL	Cartesian	157.48	157.48	-78.74	No	157.48	157.48	-78.74	
786	GLOBAL	Cartesian	177.165	157.48	-78.74	No	177.165	157.48	-78.74	
787	GLOBAL	Cartesian	196.85	157.48	-78.74	No	196.85	157.48	-78.74	
788	GLOBAL	Cartesian	216.535	157.48	-78.74	No	216.535	157.48	-78.74	
789	GLOBAL	Cartesian	236.22	157.48	-78.74	No	236.22	157.48	-78.74	
790	GLOBAL	Cartesian	255.906	157.48	-78.74	No	255.906	157.48	-78.74	
791	GLOBAL	Cartesian	275.591	157.48	-78.74	No	275.591	157.48	-78.74	
792	GLOBAL	Cartesian	0	137.795	-78.74	No	0	137.795	-78.74	
793	GLOBAL	Cartesian	19.685	137.795	-78.74	No	19.685	137.795	-78.74	
794	GLOBAL	Cartesian	39.37	137.795	-78.74	No	39.37	137.795	-78.74	
795	GLOBAL	Cartesian	59.055	137.795	-78.74	No	59.055	137.795	-78.74	
796	GLOBAL	Cartesian	78.74	137.795	-78.74	No	78.74	137.795	-78.74	
797	GLOBAL	Cartesian	98.425	137.795	-78.74	No	98.425	137.795	-78.74	
798	GLOBAL	Cartesian	118.11	137.795	-78.74	No	118.11	137.795	-78.74	
799	GLOBAL	Cartesian	137.795	137.795	-78.74	No	137.795	137.795	-78.74	

800	GLOBAL	Cartesian	157.48	137.795	-78.74	No	157.48	137.795	-78.74	
801	GLOBAL	Cartesian	177.165	137.795	-78.74	No	177.165	137.795	-78.74	
802	GLOBAL	Cartesian	196.85	137.795	-78.74	No	196.85	137.795	-78.74	
803	GLOBAL	Cartesian	216.535	137.795	-78.74	No	216.535	137.795	-78.74	
804	GLOBAL	Cartesian	236.22	137.795	-78.74	No	236.22	137.795	-78.74	
805	GLOBAL	Cartesian	255.906	137.795	-78.74	No	255.906	137.795	-78.74	
806	GLOBAL	Cartesian	275.591	137.795	-78.74	No	275.591	137.795	-78.74	
807	GLOBAL	Cartesian	0	118.11	-78.74	No	0	118.11	-78.74	
808	GLOBAL	Cartesian	19.685	118.11	-78.74	No	19.685	118.11	-78.74	
809	GLOBAL	Cartesian	39.37	118.11	-78.74	No	39.37	118.11	-78.74	
810	GLOBAL	Cartesian	59.055	118.11	-78.74	No	59.055	118.11	-78.74	
811	GLOBAL	Cartesian	78.74	118.11	-78.74	No	78.74	118.11	-78.74	
812	GLOBAL	Cartesian	98.425	118.11	-78.74	No	98.425	118.11	-78.74	
813	GLOBAL	Cartesian	118.11	118.11	-78.74	No	118.11	118.11	-78.74	
814	GLOBAL	Cartesian	137.795	118.11	-78.74	No	137.795	118.11	-78.74	
815	GLOBAL	Cartesian	157.48	118.11	-78.74	No	157.48	118.11	-78.74	
816	GLOBAL	Cartesian	177.165	118.11	-78.74	No	177.165	118.11	-78.74	
817	GLOBAL	Cartesian	196.85	118.11	-78.74	No	196.85	118.11	-78.74	
818	GLOBAL	Cartesian	216.535	118.11	-78.74	No	216.535	118.11	-78.74	
819	GLOBAL	Cartesian	236.22	118.11	-78.74	No	236.22	118.11	-78.74	
820	GLOBAL	Cartesian	255.906	118.11	-78.74	No	255.906	118.11	-78.74	
821	GLOBAL	Cartesian	275.591	118.11	-78.74	No	275.591	118.11	-78.74	
822	GLOBAL	Cartesian	0	98.425	-78.74	No	0	98.425	-78.74	
823	GLOBAL	Cartesian	19.685	98.425	-78.74	No	19.685	98.425	-78.74	
824	GLOBAL	Cartesian	39.37	98.425	-78.74	No	39.37	98.425	-78.74	

825	GLOBAL	Cartesian	59.055	98.425	-78.74	No	59.055	98.425	-78.74	
826	GLOBAL	Cartesian	78.74	98.425	-78.74	No	78.74	98.425	-78.74	
827	GLOBAL	Cartesian	98.425	98.425	-78.74	No	98.425	98.425	-78.74	
828	GLOBAL	Cartesian	118.11	98.425	-78.74	No	118.11	98.425	-78.74	
829	GLOBAL	Cartesian	137.795	98.425	-78.74	No	137.795	98.425	-78.74	
830	GLOBAL	Cartesian	157.48	98.425	-78.74	No	157.48	98.425	-78.74	
831	GLOBAL	Cartesian	177.165	98.425	-78.74	No	177.165	98.425	-78.74	
832	GLOBAL	Cartesian	196.85	98.425	-78.74	No	196.85	98.425	-78.74	
833	GLOBAL	Cartesian	216.535	98.425	-78.74	No	216.535	98.425	-78.74	
834	GLOBAL	Cartesian	236.22	98.425	-78.74	No	236.22	98.425	-78.74	
835	GLOBAL	Cartesian	255.906	98.425	-78.74	No	255.906	98.425	-78.74	
836	GLOBAL	Cartesian	275.591	98.425	-78.74	No	275.591	98.425	-78.74	
837	GLOBAL	Cartesian	0	78.74	-78.74	No	0	78.74	-78.74	
838	GLOBAL	Cartesian	19.685	78.74	-78.74	No	19.685	78.74	-78.74	
839	GLOBAL	Cartesian	39.37	78.74	-78.74	No	39.37	78.74	-78.74	
840	GLOBAL	Cartesian	59.055	78.74	-78.74	No	59.055	78.74	-78.74	
841	GLOBAL	Cartesian	78.74	78.74	-78.74	No	78.74	78.74	-78.74	
842	GLOBAL	Cartesian	98.425	78.74	-78.74	No	98.425	78.74	-78.74	
843	GLOBAL	Cartesian	118.11	78.74	-78.74	No	118.11	78.74	-78.74	
844	GLOBAL	Cartesian	137.795	78.74	-78.74	No	137.795	78.74	-78.74	
845	GLOBAL	Cartesian	157.48	78.74	-78.74	No	157.48	78.74	-78.74	
846	GLOBAL	Cartesian	177.165	78.74	-78.74	No	177.165	78.74	-78.74	
847	GLOBAL	Cartesian	196.85	78.74	-78.74	No	196.85	78.74	-78.74	
848	GLOBAL	Cartesian	216.535	78.74	-78.74	No	216.535	78.74	-78.74	
849	GLOBAL	Cartesian	236.22	78.74	-78.74	No	236.22	78.74	-78.74	

850	GLOBAL	Cartesian	255.906	78.74	-78.74	No	255.906	78.74	-78.74	
851	GLOBAL	Cartesian	275.591	78.74	-78.74	No	275.591	78.74	-78.74	
852	GLOBAL	Cartesian	0	59.055	-78.74	No	0	59.055	-78.74	
853	GLOBAL	Cartesian	19.685	59.055	-78.74	No	19.685	59.055	-78.74	
854	GLOBAL	Cartesian	39.37	59.055	-78.74	No	39.37	59.055	-78.74	
855	GLOBAL	Cartesian	59.055	59.055	-78.74	No	59.055	59.055	-78.74	
856	GLOBAL	Cartesian	78.74	59.055	-78.74	No	78.74	59.055	-78.74	
857	GLOBAL	Cartesian	98.425	59.055	-78.74	No	98.425	59.055	-78.74	
858	GLOBAL	Cartesian	118.11	59.055	-78.74	No	118.11	59.055	-78.74	
859	GLOBAL	Cartesian	137.795	59.055	-78.74	No	137.795	59.055	-78.74	
860	GLOBAL	Cartesian	157.48	59.055	-78.74	No	157.48	59.055	-78.74	
861	GLOBAL	Cartesian	177.165	59.055	-78.74	No	177.165	59.055	-78.74	
862	GLOBAL	Cartesian	196.85	59.055	-78.74	No	196.85	59.055	-78.74	
863	GLOBAL	Cartesian	216.535	59.055	-78.74	No	216.535	59.055	-78.74	
864	GLOBAL	Cartesian	236.22	59.055	-78.74	No	236.22	59.055	-78.74	
865	GLOBAL	Cartesian	255.906	59.055	-78.74	No	255.906	59.055	-78.74	
866	GLOBAL	Cartesian	275.591	59.055	-78.74	No	275.591	59.055	-78.74	
867	GLOBAL	Cartesian	0	39.37	-78.74	No	0	39.37	-78.74	
868	GLOBAL	Cartesian	19.685	39.37	-78.74	No	19.685	39.37	-78.74	
869	GLOBAL	Cartesian	39.37	39.37	-78.74	No	39.37	39.37	-78.74	
870	GLOBAL	Cartesian	59.055	39.37	-78.74	No	59.055	39.37	-78.74	
871	GLOBAL	Cartesian	78.74	39.37	-78.74	No	78.74	39.37	-78.74	
872	GLOBAL	Cartesian	98.425	39.37	-78.74	No	98.425	39.37	-78.74	
873	GLOBAL	Cartesian	118.11	39.37	-78.74	No	118.11	39.37	-78.74	
874	GLOBAL	Cartesian	137.795	39.37	-78.74	No	137.795	39.37	-78.74	

875	GLOBAL	Cartesian	157.48	39.37	-78.74	No	157.48	39.37	-78.74	
876	GLOBAL	Cartesian	177.165	39.37	-78.74	No	177.165	39.37	-78.74	
877	GLOBAL	Cartesian	196.85	39.37	-78.74	No	196.85	39.37	-78.74	
878	GLOBAL	Cartesian	216.535	39.37	-78.74	No	216.535	39.37	-78.74	
879	GLOBAL	Cartesian	236.22	39.37	-78.74	No	236.22	39.37	-78.74	
880	GLOBAL	Cartesian	255.906	39.37	-78.74	No	255.906	39.37	-78.74	
881	GLOBAL	Cartesian	275.591	39.37	-78.74	No	275.591	39.37	-78.74	
882	GLOBAL	Cartesian	0	19.685	-78.74	No	0	19.685	-78.74	
883	GLOBAL	Cartesian	19.685	19.685	-78.74	No	19.685	19.685	-78.74	
884	GLOBAL	Cartesian	39.37	19.685	-78.74	No	39.37	19.685	-78.74	
885	GLOBAL	Cartesian	59.055	19.685	-78.74	No	59.055	19.685	-78.74	
886	GLOBAL	Cartesian	78.74	19.685	-78.74	No	78.74	19.685	-78.74	
887	GLOBAL	Cartesian	98.425	19.685	-78.74	No	98.425	19.685	-78.74	
888	GLOBAL	Cartesian	118.11	19.685	-78.74	No	118.11	19.685	-78.74	
889	GLOBAL	Cartesian	137.795	19.685	-78.74	No	137.795	19.685	-78.74	
890	GLOBAL	Cartesian	157.48	19.685	-78.74	No	157.48	19.685	-78.74	
891	GLOBAL	Cartesian	177.165	19.685	-78.74	No	177.165	19.685	-78.74	
892	GLOBAL	Cartesian	196.85	19.685	-78.74	No	196.85	19.685	-78.74	
893	GLOBAL	Cartesian	216.535	19.685	-78.74	No	216.535	19.685	-78.74	
894	GLOBAL	Cartesian	236.22	19.685	-78.74	No	236.22	19.685	-78.74	
895	GLOBAL	Cartesian	255.906	19.685	-78.74	No	255.906	19.685	-78.74	
896	GLOBAL	Cartesian	275.591	19.685	-78.74	No	275.591	19.685	-78.74	
897	GLOBAL	Cartesian	0	196.85	-59.055	No	0	196.85	-59.055	
898	GLOBAL	Cartesian	0	216.535	-59.055	No	0	216.535	-59.055	
899	GLOBAL	Cartesian	0	196.85	-39.37	No	0	196.85	-39.37	

900	GLOBAL	Cartesian	0	216.535	-39.37	No	0	216.535	-39.37	
901	GLOBAL	Cartesian	0	196.85	-19.685	No	0	196.85	-19.685	
902	GLOBAL	Cartesian	0	216.535	-19.685	No	0	216.535	-19.685	
903	GLOBAL	Cartesian	0	196.85	0	No	0	196.85	0	
904	GLOBAL	Cartesian	0	177.165	-59.055	No	0	177.165	-59.055	
905	GLOBAL	Cartesian	0	177.165	-39.37	No	0	177.165	-39.37	
906	GLOBAL	Cartesian	0	177.165	-19.685	No	0	177.165	-19.685	
907	GLOBAL	Cartesian	0	177.165	0	No	0	177.165	0	
908	GLOBAL	Cartesian	0	157.48	-59.055	No	0	157.48	-59.055	
909	GLOBAL	Cartesian	0	157.48	-39.37	No	0	157.48	-39.37	
910	GLOBAL	Cartesian	0	157.48	-19.685	No	0	157.48	-19.685	
911	GLOBAL	Cartesian	0	157.48	0	No	0	157.48	0	
912	GLOBAL	Cartesian	0	137.795	-59.055	No	0	137.795	-59.055	
913	GLOBAL	Cartesian	0	137.795	-39.37	No	0	137.795	-39.37	
914	GLOBAL	Cartesian	0	137.795	-19.685	No	0	137.795	-19.685	
915	GLOBAL	Cartesian	0	137.795	0	No	0	137.795	0	
916	GLOBAL	Cartesian	0	118.11	-59.055	No	0	118.11	-59.055	
917	GLOBAL	Cartesian	0	118.11	-39.37	No	0	118.11	-39.37	
918	GLOBAL	Cartesian	0	118.11	-19.685	No	0	118.11	-19.685	
919	GLOBAL	Cartesian	0	118.11	0	No	0	118.11	0	
920	GLOBAL	Cartesian	0	98.425	-59.055	No	0	98.425	-59.055	
921	GLOBAL	Cartesian	0	98.425	-39.37	No	0	98.425	-39.37	
922	GLOBAL	Cartesian	0	98.425	-19.685	No	0	98.425	-19.685	
923	GLOBAL	Cartesian	0	98.425	0	No	0	98.425	0	
924	GLOBAL	Cartesian	0	78.74	-59.055	No	0	78.74	-59.055	

925	GLOBAL	Cartesian	0	78.74	-39.37	No	0	78.74	-39.37	
926	GLOBAL	Cartesian	0	78.74	-19.685	No	0	78.74	-19.685	
927	GLOBAL	Cartesian	0	78.74	0	No	0	78.74	0	
928	GLOBAL	Cartesian	0	59.055	-59.055	No	0	59.055	-59.055	
929	GLOBAL	Cartesian	0	59.055	-39.37	No	0	59.055	-39.37	
930	GLOBAL	Cartesian	0	59.055	-19.685	No	0	59.055	-19.685	
931	GLOBAL	Cartesian	0	59.055	0	No	0	59.055	0	
932	GLOBAL	Cartesian	0	39.37	-59.055	No	0	39.37	-59.055	
933	GLOBAL	Cartesian	0	39.37	-39.37	No	0	39.37	-39.37	
934	GLOBAL	Cartesian	0	39.37	-19.685	No	0	39.37	-19.685	
935	GLOBAL	Cartesian	0	39.37	0	No	0	39.37	0	
936	GLOBAL	Cartesian	0	19.685	-59.055	No	0	19.685	-59.055	
937	GLOBAL	Cartesian	0	19.685	-39.37	No	0	19.685	-39.37	
938	GLOBAL	Cartesian	0	19.685	-19.685	No	0	19.685	-19.685	
939	GLOBAL	Cartesian	0	19.685	0	No	0	19.685	0	
940	GLOBAL	Cartesian	0	0	-59.055	No	0	0	-59.055	
941	GLOBAL	Cartesian	0	0	-39.37	No	0	0	-39.37	
942	GLOBAL	Cartesian	0	0	-19.685	No	0	0	-19.685	
943	GLOBAL	Cartesian	275.591	196.85	-59.055	No	275.591	196.85	-59.055	
944	GLOBAL	Cartesian	275.591	216.535	-59.055	No	275.591	216.535	-59.055	
945	GLOBAL	Cartesian	275.591	196.85	-39.37	No	275.591	196.85	-39.37	
946	GLOBAL	Cartesian	275.591	216.535	-39.37	No	275.591	216.535	-39.37	
947	GLOBAL	Cartesian	275.591	196.85	-19.685	No	275.591	196.85	-19.685	
948	GLOBAL	Cartesian	275.591	216.535	-19.685	No	275.591	216.535	-19.685	
949	GLOBAL	Cartesian	275.591	196.85	0	No	275.591	196.85	0	

950	GLOBAL	Cartesian	275.591	177.165	-59.055	No	275.591	177.165	-59.055	
951	GLOBAL	Cartesian	275.591	177.165	-39.37	No	275.591	177.165	-39.37	
952	GLOBAL	Cartesian	275.591	177.165	-19.685	No	275.591	177.165	-19.685	
953	GLOBAL	Cartesian	275.591	177.165	0	No	275.591	177.165	0	
954	GLOBAL	Cartesian	275.591	157.48	-59.055	No	275.591	157.48	-59.055	
955	GLOBAL	Cartesian	275.591	157.48	-39.37	No	275.591	157.48	-39.37	
956	GLOBAL	Cartesian	275.591	157.48	-19.685	No	275.591	157.48	-19.685	
957	GLOBAL	Cartesian	275.591	157.48	0	No	275.591	157.48	0	
958	GLOBAL	Cartesian	275.591	137.795	-59.055	No	275.591	137.795	-59.055	
959	GLOBAL	Cartesian	275.591	137.795	-39.37	No	275.591	137.795	-39.37	
960	GLOBAL	Cartesian	275.591	137.795	-19.685	No	275.591	137.795	-19.685	
961	GLOBAL	Cartesian	275.591	137.795	0	No	275.591	137.795	0	
962	GLOBAL	Cartesian	275.591	118.11	-59.055	No	275.591	118.11	-59.055	
963	GLOBAL	Cartesian	275.591	118.11	-39.37	No	275.591	118.11	-39.37	
964	GLOBAL	Cartesian	275.591	118.11	-19.685	No	275.591	118.11	-19.685	
965	GLOBAL	Cartesian	275.591	118.11	0	No	275.591	118.11	0	
966	GLOBAL	Cartesian	275.591	98.425	-59.055	No	275.591	98.425	-59.055	
967	GLOBAL	Cartesian	275.591	98.425	-39.37	No	275.591	98.425	-39.37	
968	GLOBAL	Cartesian	275.591	98.425	-19.685	No	275.591	98.425	-19.685	
969	GLOBAL	Cartesian	275.591	98.425	0	No	275.591	98.425	0	
970	GLOBAL	Cartesian	275.591	78.74	-59.055	No	275.591	78.74	-59.055	
971	GLOBAL	Cartesian	275.591	78.74	-39.37	No	275.591	78.74	-39.37	
972	GLOBAL	Cartesian	275.591	78.74	-19.685	No	275.591	78.74	-19.685	
973	GLOBAL	Cartesian	275.591	78.74	0	No	275.591	78.74	0	
974	GLOBAL	Cartesian	275.591	59.055	-59.055	No	275.591	59.055	-59.055	

975	GLOBAL	Cartesian	275.591	59.055	-39.37	No	275.591	59.055	-39.37	
976	GLOBAL	Cartesian	275.591	59.055	-19.685	No	275.591	59.055	-19.685	
977	GLOBAL	Cartesian	275.591	59.055	0	No	275.591	59.055	0	
978	GLOBAL	Cartesian	275.591	39.37	-59.055	No	275.591	39.37	-59.055	
979	GLOBAL	Cartesian	275.591	39.37	-39.37	No	275.591	39.37	-39.37	
980	GLOBAL	Cartesian	275.591	39.37	-19.685	No	275.591	39.37	-19.685	
981	GLOBAL	Cartesian	275.591	39.37	0	No	275.591	39.37	0	
982	GLOBAL	Cartesian	275.591	19.685	-59.055	No	275.591	19.685	-59.055	
983	GLOBAL	Cartesian	275.591	19.685	-39.37	No	275.591	19.685	-39.37	
984	GLOBAL	Cartesian	275.591	19.685	-19.685	No	275.591	19.685	-19.685	
985	GLOBAL	Cartesian	275.591	19.685	0	No	275.591	19.685	0	
986	GLOBAL	Cartesian	275.591	0	-59.055	No	275.591	0	-59.055	
987	GLOBAL	Cartesian	275.591	0	-39.37	No	275.591	0	-39.37	
988	GLOBAL	Cartesian	275.591	0	-19.685	No	275.591	0	-19.685	

CONNECTIVITY – AREA

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea	CentroidX	CentroidY	CentroidZ	GUID
7	4	9	13	14	15	78.7402	387.5	9.843	216.535	-206.693	
8	4	15	14	16	17	78.7402	387.5	9.843	216.535	-187.008	
9	4	17	16	18	19	78.7402	387.5	9.843	216.535	-167.323	
10	4	19	18	20	21	78.7402	387.5	9.843	216.535	-147.638	
11	4	21	20	22	23	78.7402	387.5	9.843	216.535	-127.953	
12	4	23	22	24	25	78.7402	387.5	9.843	216.535	-108.268	
13	4	25	24	26	1	78.7402	387.5	9.843	216.535	-88.583	
14	4	13	27	28	14	78.7402	387.5	29.528	216.535	-206.693	
15	4	14	28	29	16	78.7402	387.5	29.528	216.535	-187.008	

16	4	16	29	30	18	78.7402	387.5	29.528	216.535	-167.323	
17	4	18	30	31	20	78.7402	387.5	29.528	216.535	-147.638	
18	4	20	31	32	22	78.7402	387.5	29.528	216.535	-127.953	
19	4	22	32	33	24	78.7402	387.5	29.528	216.535	-108.268	
20	4	24	33	34	26	78.7402	387.5	29.528	216.535	-88.583	
21	4	27	35	36	28	78.7402	387.5	49.213	216.535	-206.693	
22	4	28	36	37	29	78.7402	387.5	49.213	216.535	-187.008	
23	4	29	37	38	30	78.7402	387.5	49.213	216.535	-167.323	
24	4	30	38	39	31	78.7402	387.5	49.213	216.535	-147.638	
25	4	31	39	40	32	78.7402	387.5	49.213	216.535	-127.953	
26	4	32	40	41	33	78.7402	387.5	49.213	216.535	-108.268	
27	4	33	41	42	34	78.7402	387.5	49.213	216.535	-88.583	
28	4	35	43	44	36	78.7402	387.5	68.898	216.535	-206.693	
29	4	36	44	45	37	78.7402	387.5	68.898	216.535	-187.008	
30	4	37	45	46	38	78.7402	387.5	68.898	216.535	-167.323	
31	4	38	46	47	39	78.7402	387.5	68.898	216.535	-147.638	
32	4	39	47	48	40	78.7402	387.5	68.898	216.535	-127.953	
33	4	40	48	49	41	78.7402	387.5	68.898	216.535	-108.268	
34	4	41	49	50	42	78.7402	387.5	68.898	216.535	-88.583	
35	4	43	51	52	44	78.7402	387.5	88.583	216.535	-206.693	
36	4	44	52	53	45	78.7402	387.5	88.583	216.535	-187.008	
37	4	45	53	54	46	78.7402	387.5	88.583	216.535	-167.323	
38	4	46	54	55	47	78.7402	387.5	88.583	216.535	-147.638	
39	4	47	55	56	48	78.7402	387.5	88.583	216.535	-127.953	
40	4	48	56	57	49	78.7402	387.5	88.583	216.535	-108.268	
41	4	49	57	58	50	78.7402	387.5	88.583	216.535	-88.583	
42	4	51	59	60	52	78.7402	387.5	108.268	216.535	-206.693	

43	4	52	60	61	53	78.7402	387.5	108.268	216.535	-187.008	
44	4	53	61	62	54	78.7402	387.5	108.268	216.535	-167.323	
45	4	54	62	63	55	78.7402	387.5	108.268	216.535	-147.638	
46	4	55	63	64	56	78.7402	387.5	108.268	216.535	-127.953	
47	4	56	64	65	57	78.7402	387.5	108.268	216.535	-108.268	
48	4	57	65	66	58	78.7402	387.5	108.268	216.535	-88.583	
49	4	59	67	68	60	78.7402	387.5	127.953	216.535	-206.693	
50	4	60	68	69	61	78.7402	387.5	127.953	216.535	-187.008	
51	4	61	69	70	62	78.7402	387.5	127.953	216.535	-167.323	
52	4	62	70	71	63	78.7402	387.5	127.953	216.535	-147.638	
53	4	63	71	72	64	78.7402	387.5	127.953	216.535	-127.953	
54	4	64	72	73	65	78.7402	387.5	127.953	216.535	-108.268	
55	4	65	73	74	66	78.7402	387.5	127.953	216.535	-88.583	
56	4	67	75	76	68	78.7402	387.5	147.638	216.535	-206.693	
57	4	68	76	77	69	78.7402	387.5	147.638	216.535	-187.008	
58	4	69	77	78	70	78.7402	387.5	147.638	216.535	-167.323	
59	4	70	78	79	71	78.7402	387.5	147.638	216.535	-147.638	
60	4	71	79	80	72	78.7402	387.5	147.638	216.535	-127.953	
61	4	72	80	81	73	78.7402	387.5	147.638	216.535	-108.268	
62	4	73	81	82	74	78.7402	387.5	147.638	216.535	-88.583	
63	4	75	83	84	76	78.7402	387.5	167.323	216.535	-206.693	
64	4	76	84	85	77	78.7402	387.5	167.323	216.535	-187.008	
65	4	77	85	86	78	78.7402	387.5	167.323	216.535	-167.323	
66	4	78	86	87	79	78.7402	387.5	167.323	216.535	-147.638	
67	4	79	87	88	80	78.7402	387.5	167.323	216.535	-127.953	
68	4	80	88	89	81	78.7402	387.5	167.323	216.535	-108.268	
69	4	81	89	90	82	78.7402	387.5	167.323	216.535	-88.583	

70	4	83	91	92	84	78.7402	387.5	187.008	216.535	-206.693	
71	4	84	92	93	85	78.7402	387.5	187.008	216.535	-187.008	
72	4	85	93	94	86	78.7402	387.5	187.008	216.535	-167.323	
73	4	86	94	95	87	78.7402	387.5	187.008	216.535	-147.638	
74	4	87	95	96	88	78.7402	387.5	187.008	216.535	-127.953	
75	4	88	96	97	89	78.7402	387.5	187.008	216.535	-108.268	
76	4	89	97	98	90	78.7402	387.5	187.008	216.535	-88.583	
77	4	91	99	100	92	78.7402	387.5	206.693	216.535	-206.693	
78	4	92	100	101	93	78.7402	387.5	206.693	216.535	-187.008	
79	4	93	101	102	94	78.7402	387.5	206.693	216.535	-167.323	
80	4	94	102	103	95	78.7402	387.5	206.693	216.535	-147.638	
81	4	95	103	104	96	78.7402	387.5	206.693	216.535	-127.953	
82	4	96	104	105	97	78.7402	387.5	206.693	216.535	-108.268	
83	4	97	105	106	98	78.7402	387.5	206.693	216.535	-88.583	
84	4	99	107	108	100	78.7402	387.5	226.378	216.535	-206.693	
85	4	100	108	109	101	78.7402	387.5	226.378	216.535	-187.008	
86	4	101	109	110	102	78.7402	387.5	226.378	216.535	-167.323	
87	4	102	110	111	103	78.7402	387.5	226.378	216.535	-147.638	
88	4	103	111	112	104	78.7402	387.5	226.378	216.535	-127.953	
89	4	104	112	113	105	78.7402	387.5	226.378	216.535	-108.268	
90	4	105	113	114	106	78.7402	387.5	226.378	216.535	-88.583	
91	4	107	115	116	108	78.7402	387.5	246.063	216.535	-206.693	
92	4	108	116	117	109	78.7402	387.5	246.063	216.535	-187.008	
93	4	109	117	118	110	78.7402	387.5	246.063	216.535	-167.323	
94	4	110	118	119	111	78.7402	387.5	246.063	216.535	-147.638	
95	4	111	119	120	112	78.7402	387.5	246.063	216.535	-127.953	
96	4	112	120	121	113	78.7402	387.5	246.063	216.535	-	

										108.268	
97	4	113	121	122	114	78.7402	387.5	246.063	216.535	-88.583	
98	4	115	12	123	116	78.7402	387.5	265.748	216.535	-206.693	
99	4	116	123	124	117	78.7402	387.5	265.748	216.535	-187.008	
100	4	117	124	125	118	78.7402	387.5	265.748	216.535	-167.323	
101	4	118	125	126	119	78.7402	387.5	265.748	216.535	-147.638	
102	4	119	126	127	120	78.7402	387.5	265.748	216.535	-127.953	
103	4	120	127	128	121	78.7402	387.5	265.748	216.535	-108.268	
104	4	121	128	5	122	78.7402	387.5	265.748	216.535	-88.583	
105	4	10	129	130	131	78.7402	387.5	9.843	0	-206.693	
106	4	131	130	132	133	78.7402	387.5	9.843	0	-187.008	
107	4	133	132	134	135	78.7402	387.5	9.843	0	-167.323	
108	4	135	134	136	137	78.7402	387.5	9.843	0	-147.638	
109	4	137	136	138	139	78.7402	387.5	9.843	0	-127.953	
110	4	139	138	140	141	78.7402	387.5	9.843	0	-108.268	
111	4	141	140	142	2	78.7402	387.5	9.843	0	-88.583	
112	4	129	143	144	130	78.7402	387.5	29.528	0	-206.693	
113	4	130	144	145	132	78.7402	387.5	29.528	0	-187.008	
114	4	132	145	146	134	78.7402	387.5	29.528	0	-167.323	
115	4	134	146	147	136	78.7402	387.5	29.528	0	-147.638	
116	4	136	147	148	138	78.7402	387.5	29.528	0	-127.953	
117	4	138	148	149	140	78.7402	387.5	29.528	0	-108.268	
118	4	140	149	150	142	78.7402	387.5	29.528	0	-88.583	
119	4	143	151	152	144	78.7402	387.5	49.213	0	-206.693	
120	4	144	152	153	145	78.7402	387.5	49.213	0	-187.008	
121	4	145	153	154	146	78.7402	387.5	49.213	0	-167.323	
122	4	146	154	155	147	78.7402	387.5	49.213	0	-147.638	

123	4	147	155	156	148	78.7402	387.5	49.213	0	-127.953	
124	4	148	156	157	149	78.7402	387.5	49.213	0	-108.268	
125	4	149	157	158	150	78.7402	387.5	49.213	0	-88.583	
126	4	151	159	160	152	78.7402	387.5	68.898	0	-206.693	
127	4	152	160	161	153	78.7402	387.5	68.898	0	-187.008	
128	4	153	161	162	154	78.7402	387.5	68.898	0	-167.323	
129	4	154	162	163	155	78.7402	387.5	68.898	0	-147.638	
130	4	155	163	164	156	78.7402	387.5	68.898	0	-127.953	
131	4	156	164	165	157	78.7402	387.5	68.898	0	-108.268	
132	4	157	165	166	158	78.7402	387.5	68.898	0	-88.583	
133	4	159	167	168	160	78.7402	387.5	88.583	0	-206.693	
134	4	160	168	169	161	78.7402	387.5	88.583	0	-187.008	
135	4	161	169	170	162	78.7402	387.5	88.583	0	-167.323	
136	4	162	170	171	163	78.7402	387.5	88.583	0	-147.638	
137	4	163	171	172	164	78.7402	387.5	88.583	0	-127.953	
138	4	164	172	173	165	78.7402	387.5	88.583	0	-108.268	
139	4	165	173	174	166	78.7402	387.5	88.583	0	-88.583	
140	4	167	175	176	168	78.7402	387.5	108.268	0	-206.693	
141	4	168	176	177	169	78.7402	387.5	108.268	0	-187.008	
142	4	169	177	178	170	78.7402	387.5	108.268	0	-167.323	
143	4	170	178	179	171	78.7402	387.5	108.268	0	-147.638	
144	4	171	179	180	172	78.7402	387.5	108.268	0	-127.953	
145	4	172	180	181	173	78.7402	387.5	108.268	0	-108.268	
146	4	173	181	182	174	78.7402	387.5	108.268	0	-88.583	
147	4	175	183	184	176	78.7402	387.5	127.953	0	-206.693	
148	4	176	184	185	177	78.7402	387.5	127.953	0	-187.008	
149	4	177	185	186	178	78.7402	387.5	127.953	0	-167.323	

150	4	178	186	187	179	78.7402	387.5	127.953	0	-147.638	
151	4	179	187	188	180	78.7402	387.5	127.953	0	-127.953	
152	4	180	188	189	181	78.7402	387.5	127.953	0	-108.268	
153	4	181	189	190	182	78.7402	387.5	127.953	0	-88.583	
154	4	183	191	192	184	78.7402	387.5	147.638	0	-206.693	
155	4	184	192	193	185	78.7402	387.5	147.638	0	-187.008	
156	4	185	193	194	186	78.7402	387.5	147.638	0	-167.323	
157	4	186	194	195	187	78.7402	387.5	147.638	0	-147.638	
158	4	187	195	196	188	78.7402	387.5	147.638	0	-127.953	
159	4	188	196	197	189	78.7402	387.5	147.638	0	-108.268	
160	4	189	197	198	190	78.7402	387.5	147.638	0	-88.583	
161	4	191	199	200	192	78.7402	387.5	167.323	0	-206.693	
162	4	192	200	201	193	78.7402	387.5	167.323	0	-187.008	
163	4	193	201	202	194	78.7402	387.5	167.323	0	-167.323	
164	4	194	202	203	195	78.7402	387.5	167.323	0	-147.638	
165	4	195	203	204	196	78.7402	387.5	167.323	0	-127.953	
166	4	196	204	205	197	78.7402	387.5	167.323	0	-108.268	
167	4	197	205	206	198	78.7402	387.5	167.323	0	-88.583	
168	4	199	207	208	200	78.7402	387.5	187.008	0	-206.693	
169	4	200	208	209	201	78.7402	387.5	187.008	0	-187.008	
170	4	201	209	210	202	78.7402	387.5	187.008	0	-167.323	
171	4	202	210	211	203	78.7402	387.5	187.008	0	-147.638	
172	4	203	211	212	204	78.7402	387.5	187.008	0	-127.953	
173	4	204	212	213	205	78.7402	387.5	187.008	0	-108.268	
174	4	205	213	214	206	78.7402	387.5	187.008	0	-88.583	
175	4	207	215	216	208	78.7402	387.5	206.693	0	-206.693	
176	4	208	216	217	209	78.7402	387.5	206.693	0	-187.008	

177	4	209	217	218	210	78.7402	387.5	206.693	0	-167.323	
178	4	210	218	219	211	78.7402	387.5	206.693	0	-147.638	
179	4	211	219	220	212	78.7402	387.5	206.693	0	-127.953	
180	4	212	220	221	213	78.7402	387.5	206.693	0	-108.268	
181	4	213	221	222	214	78.7402	387.5	206.693	0	-88.583	
182	4	215	223	224	216	78.7402	387.5	226.378	0	-206.693	
183	4	216	224	225	217	78.7402	387.5	226.378	0	-187.008	
184	4	217	225	226	218	78.7402	387.5	226.378	0	-167.323	
185	4	218	226	227	219	78.7402	387.5	226.378	0	-147.638	
186	4	219	227	228	220	78.7402	387.5	226.378	0	-127.953	
187	4	220	228	229	221	78.7402	387.5	226.378	0	-108.268	
188	4	221	229	230	222	78.7402	387.5	226.378	0	-88.583	
189	4	223	231	232	224	78.7402	387.5	246.063	0	-206.693	
190	4	224	232	233	225	78.7402	387.5	246.063	0	-187.008	
191	4	225	233	234	226	78.7402	387.5	246.063	0	-167.323	
192	4	226	234	235	227	78.7402	387.5	246.063	0	-147.638	
193	4	227	235	236	228	78.7402	387.5	246.063	0	-127.953	
194	4	228	236	237	229	78.7402	387.5	246.063	0	-108.268	
195	4	229	237	238	230	78.7402	387.5	246.063	0	-88.583	
196	4	231	11	239	232	78.7402	387.5	265.748	0	-206.693	
197	4	232	239	240	233	78.7402	387.5	265.748	0	-187.008	
198	4	233	240	241	234	78.7402	387.5	265.748	0	-167.323	
199	4	234	241	242	235	78.7402	387.5	265.748	0	-147.638	
200	4	235	242	243	236	78.7402	387.5	265.748	0	-127.953	
201	4	236	243	244	237	78.7402	387.5	265.748	0	-108.268	
202	4	237	244	6	238	78.7402	387.5	265.748	0	-88.583	
511	4	9	597	598	13	78.7402	387.5	9.843	206.693	-216.535	

512	4	13	598	599	27	78.7402	387.5	29.528	206.693	-216.535	
513	4	27	599	600	35	78.7402	387.5	49.213	206.693	-216.535	
514	4	35	600	601	43	78.7402	387.5	68.898	206.693	-216.535	
515	4	43	601	602	51	78.7402	387.5	88.583	206.693	-216.535	
516	4	51	602	603	59	78.7402	387.5	108.268	206.693	-216.535	
517	4	59	603	604	67	78.7402	387.5	127.953	206.693	-216.535	
518	4	67	604	605	75	78.7402	387.5	147.638	206.693	-216.535	
519	4	75	605	606	83	78.7402	387.5	167.323	206.693	-216.535	
520	4	83	606	607	91	78.7402	387.5	187.008	206.693	-216.535	
521	4	91	607	608	99	78.7402	387.5	206.693	206.693	-216.535	
522	4	99	608	609	107	78.7402	387.5	226.378	206.693	-216.535	
523	4	107	609	610	115	78.7402	387.5	246.063	206.693	-216.535	
524	4	115	610	611	12	78.7402	387.5	265.748	206.693	-216.535	
525	4	597	612	613	598	78.7402	387.5	9.843	187.008	-216.535	
526	4	598	613	614	599	78.7402	387.5	29.528	187.008	-216.535	
527	4	599	614	615	600	78.7402	387.5	49.213	187.008	-216.535	
528	4	600	615	616	601	78.7402	387.5	68.898	187.008	-216.535	
529	4	601	616	617	602	78.7402	387.5	88.583	187.008	-216.535	
530	4	602	617	618	603	78.7402	387.5	108.268	187.008	-216.535	
531	4	603	618	619	604	78.7402	387.5	127.953	187.008	-216.535	
532	4	604	619	620	605	78.7402	387.5	147.638	187.008	-216.535	
533	4	605	620	621	606	78.7402	387.5	167.323	187.008	-216.535	
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535	4	607	622	623	608	78.7402	387.5	206.693	187.008	-216.535	
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537	4	609	624	625	610	78.7402	387.5	246.063	187.008	-216.535	
538	4	610	625	626	611	78.7402	387.5	265.748	187.008	-216.535	
539	4	612	627	628	613	78.7402	387.5	9.843	167.323	-216.535	
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542	4	615	630	631	616	78.7402	387.5	68.898	167.323	-216.535	
543	4	616	631	632	617	78.7402	387.5	88.583	167.323	-216.535	
544	4	617	632	633	618	78.7402	387.5	108.268	167.323	-216.535	
545	4	618	633	634	619	78.7402	387.5	127.953	167.323	-216.535	
546	4	619	634	635	620	78.7402	387.5	147.638	167.323	-216.535	
547	4	620	635	636	621	78.7402	387.5	167.323	167.323	-216.535	
548	4	621	636	637	622	78.7402	387.5	187.008	167.323	-216.535	
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550	4	623	638	639	624	78.7402	387.5	226.378	167.323	-216.535	
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552	4	625	640	641	626	78.7402	387.5	265.748	167.323	-216.535	
553	4	627	642	643	628	78.7402	387.5	9.843	147.638	-216.535	
554	4	628	643	644	629	78.7402	387.5	29.528	147.638	-216.535	
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558	4	632	647	648	633	78.7402	387.5	108.268	147.638	-216.535	
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560	4	634	649	650	635	78.7402	387.5	147.638	147.638	-216.535	
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562	4	636	651	652	637	78.7402	387.5	187.008	147.638	-216.535	
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564	4	638	653	654	639	78.7402	387.5	226.378	147.638	-216.535	
565	4	639	654	655	640	78.7402	387.5	246.063	147.638	-216.535	
566	4	640	655	656	641	78.7402	387.5	265.748	147.638	-216.535	
567	4	642	657	658	643	78.7402	387.5	9.843	127.953	-216.535	
568	4	643	658	659	644	78.7402	387.5	29.528	127.953	-216.535	
569	4	644	659	660	645	78.7402	387.5	49.213	127.953	-216.535	
570	4	645	660	661	646	78.7402	387.5	68.898	127.953	-216.535	
571	4	646	661	662	647	78.7402	387.5	88.583	127.953	-216.535	
572	4	647	662	663	648	78.7402	387.5	108.268	127.953	-216.535	
573	4	648	663	664	649	78.7402	387.5	127.953	127.953	-216.535	
574	4	649	664	665	650	78.7402	387.5	147.638	127.953	-216.535	
575	4	650	665	666	651	78.7402	387.5	167.323	127.953	-216.535	
576	4	651	666	667	652	78.7402	387.5	187.008	127.953	-216.535	
577	4	652	667	668	653	78.7402	387.5	206.693	127.953	-216.535	
578	4	653	668	669	654	78.7402	387.5	226.378	127.953	-216.535	
579	4	654	669	670	655	78.7402	387.5	246.063	127.953	-216.535	
580	4	655	670	671	656	78.7402	387.5	265.748	127.953	-216.535	
581	4	657	672	673	658	78.7402	387.5	9.843	108.268	-216.535	
582	4	658	673	674	659	78.7402	387.5	29.528	108.268	-216.535	
583	4	659	674	675	660	78.7402	387.5	49.213	108.268	-216.535	
584	4	660	675	676	661	78.7402	387.5	68.898	108.268	-216.535	
585	4	661	676	677	662	78.7402	387.5	88.583	108.268	-216.535	
586	4	662	677	678	663	78.7402	387.5	108.268	108.268	-216.535	

587	4	663	678	679	664	78.7402	387.5	127.953	108.268	-216.535	
588	4	664	679	680	665	78.7402	387.5	147.638	108.268	-216.535	
589	4	665	680	681	666	78.7402	387.5	167.323	108.268	-216.535	
590	4	666	681	682	667	78.7402	387.5	187.008	108.268	-216.535	
591	4	667	682	683	668	78.7402	387.5	206.693	108.268	-216.535	
592	4	668	683	684	669	78.7402	387.5	226.378	108.268	-216.535	
593	4	669	684	685	670	78.7402	387.5	246.063	108.268	-216.535	
594	4	670	685	686	671	78.7402	387.5	265.748	108.268	-216.535	
595	4	672	687	688	673	78.7402	387.5	9.843	88.583	-216.535	
596	4	673	688	689	674	78.7402	387.5	29.528	88.583	-216.535	
597	4	674	689	690	675	78.7402	387.5	49.213	88.583	-216.535	
598	4	675	690	691	676	78.7402	387.5	68.898	88.583	-216.535	
599	4	676	691	692	677	78.7402	387.5	88.583	88.583	-216.535	
600	4	677	692	693	678	78.7402	387.5	108.268	88.583	-216.535	
601	4	678	693	694	679	78.7402	387.5	127.953	88.583	-216.535	
602	4	679	694	695	680	78.7402	387.5	147.638	88.583	-216.535	
603	4	680	695	696	681	78.7402	387.5	167.323	88.583	-216.535	
604	4	681	696	697	682	78.7402	387.5	187.008	88.583	-216.535	
605	4	682	697	698	683	78.7402	387.5	206.693	88.583	-216.535	
606	4	683	698	699	684	78.7402	387.5	226.378	88.583	-216.535	
607	4	684	699	700	685	78.7402	387.5	246.063	88.583	-216.535	
608	4	685	700	701	686	78.7402	387.5	265.748	88.583	-216.535	
609	4	687	702	703	688	78.7402	387.5	9.843	68.898	-216.535	
610	4	688	703	704	689	78.7402	387.5	29.528	68.898	-216.535	
611	4	689	704	705	690	78.7402	387.5	49.213	68.898	-216.535	

612	4	690	705	706	691	78.7402	387.5	68.898	68.898	-216.535	
613	4	691	706	707	692	78.7402	387.5	88.583	68.898	-216.535	
614	4	692	707	708	693	78.7402	387.5	108.268	68.898	-216.535	
615	4	693	708	709	694	78.7402	387.5	127.953	68.898	-216.535	
616	4	694	709	710	695	78.7402	387.5	147.638	68.898	-216.535	
617	4	695	710	711	696	78.7402	387.5	167.323	68.898	-216.535	
618	4	696	711	712	697	78.7402	387.5	187.008	68.898	-216.535	
619	4	697	712	713	698	78.7402	387.5	206.693	68.898	-216.535	
620	4	698	713	714	699	78.7402	387.5	226.378	68.898	-216.535	
621	4	699	714	715	700	78.7402	387.5	246.063	68.898	-216.535	
622	4	700	715	716	701	78.7402	387.5	265.748	68.898	-216.535	
623	4	702	717	718	703	78.7402	387.5	9.843	49.213	-216.535	
624	4	703	718	719	704	78.7402	387.5	29.528	49.213	-216.535	
625	4	704	719	720	705	78.7402	387.5	49.213	49.213	-216.535	
626	4	705	720	721	706	78.7402	387.5	68.898	49.213	-216.535	
627	4	706	721	722	707	78.7402	387.5	88.583	49.213	-216.535	
628	4	707	722	723	708	78.7402	387.5	108.268	49.213	-216.535	
629	4	708	723	724	709	78.7402	387.5	127.953	49.213	-216.535	
630	4	709	724	725	710	78.7402	387.5	147.638	49.213	-216.535	
631	4	710	725	726	711	78.7402	387.5	167.323	49.213	-216.535	
632	4	711	726	727	712	78.7402	387.5	187.008	49.213	-216.535	
633	4	712	727	728	713	78.7402	387.5	206.693	49.213	-216.535	
634	4	713	728	729	714	78.7402	387.5	226.378	49.213	-216.535	
635	4	714	729	730	715	78.7402	387.5	246.063	49.213	-216.535	
636	4	715	730	731	716	78.7402	387.5	265.748	49.213	-216.535	

637	4	717	732	733	718	78.7402	387.5	9.843	29.528	-216.535	
638	4	718	733	734	719	78.7402	387.5	29.528	29.528	-216.535	
639	4	719	734	735	720	78.7402	387.5	49.213	29.528	-216.535	
640	4	720	735	736	721	78.7402	387.5	68.898	29.528	-216.535	
641	4	721	736	737	722	78.7402	387.5	88.583	29.528	-216.535	
642	4	722	737	738	723	78.7402	387.5	108.268	29.528	-216.535	
643	4	723	738	739	724	78.7402	387.5	127.953	29.528	-216.535	
644	4	724	739	740	725	78.7402	387.5	147.638	29.528	-216.535	
645	4	725	740	741	726	78.7402	387.5	167.323	29.528	-216.535	
646	4	726	741	742	727	78.7402	387.5	187.008	29.528	-216.535	
647	4	727	742	743	728	78.7402	387.5	206.693	29.528	-216.535	
648	4	728	743	744	729	78.7402	387.5	226.378	29.528	-216.535	
649	4	729	744	745	730	78.7402	387.5	246.063	29.528	-216.535	
650	4	730	745	746	731	78.7402	387.5	265.748	29.528	-216.535	
651	4	732	10	129	733	78.7402	387.5	9.843	9.843	-216.535	
652	4	733	129	143	734	78.7402	387.5	29.528	9.843	-216.535	
653	4	734	143	151	735	78.7402	387.5	49.213	9.843	-216.535	
654	4	735	151	159	736	78.7402	387.5	68.898	9.843	-216.535	
655	4	736	159	167	737	78.7402	387.5	88.583	9.843	-216.535	
656	4	737	167	175	738	78.7402	387.5	108.268	9.843	-216.535	
657	4	738	175	183	739	78.7402	387.5	127.953	9.843	-216.535	
658	4	739	183	191	740	78.7402	387.5	147.638	9.843	-216.535	
659	4	740	191	199	741	78.7402	387.5	167.323	9.843	-216.535	
660	4	741	199	207	742	78.7402	387.5	187.008	9.843	-216.535	
661	4	742	207	215	743	78.7402	387.5	206.693	9.843	-216.535	

662	4	743	215	223	744	78.7402	387.5	226.378	9.843	-216.535	
663	4	744	223	231	745	78.7402	387.5	246.063	9.843	-216.535	
664	4	745	231	11	746	78.7402	387.5	265.748	9.843	-216.535	
665	4	1	747	748	26	78.7402	387.5	9.843	206.693	-78.74	
666	4	26	748	749	34	78.7402	387.5	29.528	206.693	-78.74	
667	4	34	749	750	42	78.7402	387.5	49.213	206.693	-78.74	
668	4	42	750	751	50	78.7402	387.5	68.898	206.693	-78.74	
669	4	50	751	752	58	78.7402	387.5	88.583	206.693	-78.74	
670	4	58	752	753	66	78.7402	387.5	108.268	206.693	-78.74	
671	4	66	753	754	74	78.7402	387.5	127.953	206.693	-78.74	
672	4	74	754	755	82	78.7402	387.5	147.638	206.693	-78.74	
673	4	82	755	756	90	78.7402	387.5	167.323	206.693	-78.74	
674	4	90	756	757	98	78.7402	387.5	187.008	206.693	-78.74	
675	4	98	757	758	106	78.7402	387.5	206.693	206.693	-78.74	
676	4	106	758	759	114	78.7402	387.5	226.378	206.693	-78.74	
677	4	114	759	760	122	78.7402	387.5	246.063	206.693	-78.74	
678	4	122	760	761	5	78.7402	387.5	265.748	206.693	-78.74	
679	4	747	762	763	748	78.7402	387.5	9.843	187.008	-78.74	
680	4	748	763	764	749	78.7402	387.5	29.528	187.008	-78.74	
681	4	749	764	765	750	78.7402	387.5	49.213	187.008	-78.74	
682	4	750	765	766	751	78.7402	387.5	68.898	187.008	-78.74	
683	4	751	766	767	752	78.7402	387.5	88.583	187.008	-78.74	
684	4	752	767	768	753	78.7402	387.5	108.268	187.008	-78.74	
685	4	753	768	769	754	78.7402	387.5	127.953	187.008	-78.74	
686	4	754	769	770	755	78.7402	387.5	147.638	187.008	-78.74	
687	4	755	770	771	756	78.7402	387.5	167.323	187.008	-78.74	
688	4	756	771	772	757	78.7402	387.5	187.008	187.008	-78.74	
689	4	757	772	773	758	78.7402	387.5	206.693	187.008	-78.74	
690	4	758	773	774	759	78.7402	387.5	226.378	187.008	-78.74	
691	4	759	774	775	760	78.7402	387.5	246.063	187.008	-78.74	
692	4	760	775	776	761	78.7402	387.5	265.748	187.008	-78.74	
693	4	762	777	778	763	78.7402	387.5	9.843	167.323	-78.74	
694	4	763	778	779	764	78.7402	387.5	29.528	167.323	-78.74	
695	4	764	779	780	765	78.7402	387.5	49.213	167.323	-78.74	
696	4	765	780	781	766	78.7402	387.5	68.898	167.323	-78.74	
697	4	766	781	782	767	78.7402	387.5	88.583	167.323	-78.74	
698	4	767	782	783	768	78.7402	387.5	108.268	167.323	-78.74	
699	4	768	783	784	769	78.7402	387.5	127.953	167.323	-78.74	
700	4	769	784	785	770	78.7402	387.5	147.638	167.323	-78.74	

701	4	770	785	786	771	78.7402	387.5	167.323	167.323	-78.74	
702	4	771	786	787	772	78.7402	387.5	187.008	167.323	-78.74	
703	4	772	787	788	773	78.7402	387.5	206.693	167.323	-78.74	
704	4	773	788	789	774	78.7402	387.5	226.378	167.323	-78.74	
705	4	774	789	790	775	78.7402	387.5	246.063	167.323	-78.74	
706	4	775	790	791	776	78.7402	387.5	265.748	167.323	-78.74	
707	4	777	792	793	778	78.7402	387.5	9.843	147.638	-78.74	
708	4	778	793	794	779	78.7402	387.5	29.528	147.638	-78.74	
709	4	779	794	795	780	78.7402	387.5	49.213	147.638	-78.74	
710	4	780	795	796	781	78.7402	387.5	68.898	147.638	-78.74	
711	4	781	796	797	782	78.7402	387.5	88.583	147.638	-78.74	
712	4	782	797	798	783	78.7402	387.5	108.268	147.638	-78.74	
713	4	783	798	799	784	78.7402	387.5	127.953	147.638	-78.74	
714	4	784	799	800	785	78.7402	387.5	147.638	147.638	-78.74	
715	4	785	800	801	786	78.7402	387.5	167.323	147.638	-78.74	
716	4	786	801	802	787	78.7402	387.5	187.008	147.638	-78.74	
717	4	787	802	803	788	78.7402	387.5	206.693	147.638	-78.74	
718	4	788	803	804	789	78.7402	387.5	226.378	147.638	-78.74	
719	4	789	804	805	790	78.7402	387.5	246.063	147.638	-78.74	
720	4	790	805	806	791	78.7402	387.5	265.748	147.638	-78.74	
721	4	792	807	808	793	78.7402	387.5	9.843	127.953	-78.74	
722	4	793	808	809	794	78.7402	387.5	29.528	127.953	-78.74	
723	4	794	809	810	795	78.7402	387.5	49.213	127.953	-78.74	
724	4	795	810	811	796	78.7402	387.5	68.898	127.953	-78.74	
725	4	796	811	812	797	78.7402	387.5	88.583	127.953	-78.74	
726	4	797	812	813	798	78.7402	387.5	108.268	127.953	-78.74	
727	4	798	813	814	799	78.7402	387.5	127.953	127.953	-78.74	
728	4	799	814	815	800	78.7402	387.5	147.638	127.953	-78.74	
729	4	800	815	816	801	78.7402	387.5	167.323	127.953	-78.74	
730	4	801	816	817	802	78.7402	387.5	187.008	127.953	-78.74	
731	4	802	817	818	803	78.7402	387.5	206.693	127.953	-78.74	
732	4	803	818	819	804	78.7402	387.5	226.378	127.953	-78.74	
733	4	804	819	820	805	78.7402	387.5	246.063	127.953	-78.74	
734	4	805	820	821	806	78.7402	387.5	265.748	127.953	-78.74	
735	4	807	822	823	808	78.7402	387.5	9.843	108.268	-78.74	
736	4	808	823	824	809	78.7402	387.5	29.528	108.268	-78.74	
737	4	809	824	825	810	78.7402	387.5	49.213	108.268	-78.74	
738	4	810	825	826	811	78.7402	387.5	68.898	108.268	-78.74	
739	4	811	826	827	812	78.7402	387.5	88.583	108.268	-78.74	
740	4	812	827	828	813	78.7402	387.5	108.268	108.268	-78.74	

741	4	813	828	829	814	78.7402	387.5	127.953	108.268	-78.74	
742	4	814	829	830	815	78.7402	387.5	147.638	108.268	-78.74	
743	4	815	830	831	816	78.7402	387.5	167.323	108.268	-78.74	
744	4	816	831	832	817	78.7402	387.5	187.008	108.268	-78.74	
745	4	817	832	833	818	78.7402	387.5	206.693	108.268	-78.74	
746	4	818	833	834	819	78.7402	387.5	226.378	108.268	-78.74	
747	4	819	834	835	820	78.7402	387.5	246.063	108.268	-78.74	
748	4	820	835	836	821	78.7402	387.5	265.748	108.268	-78.74	
749	4	822	837	838	823	78.7402	387.5	9.843	88.583	-78.74	
750	4	823	838	839	824	78.7402	387.5	29.528	88.583	-78.74	
751	4	824	839	840	825	78.7402	387.5	49.213	88.583	-78.74	
752	4	825	840	841	826	78.7402	387.5	68.898	88.583	-78.74	
753	4	826	841	842	827	78.7402	387.5	88.583	88.583	-78.74	
754	4	827	842	843	828	78.7402	387.5	108.268	88.583	-78.74	
755	4	828	843	844	829	78.7402	387.5	127.953	88.583	-78.74	
756	4	829	844	845	830	78.7402	387.5	147.638	88.583	-78.74	
757	4	830	845	846	831	78.7402	387.5	167.323	88.583	-78.74	
758	4	831	846	847	832	78.7402	387.5	187.008	88.583	-78.74	
759	4	832	847	848	833	78.7402	387.5	206.693	88.583	-78.74	
760	4	833	848	849	834	78.7402	387.5	226.378	88.583	-78.74	
761	4	834	849	850	835	78.7402	387.5	246.063	88.583	-78.74	
762	4	835	850	851	836	78.7402	387.5	265.748	88.583	-78.74	
763	4	837	852	853	838	78.7402	387.5	9.843	68.898	-78.74	
764	4	838	853	854	839	78.7402	387.5	29.528	68.898	-78.74	
765	4	839	854	855	840	78.7402	387.5	49.213	68.898	-78.74	
766	4	840	855	856	841	78.7402	387.5	68.898	68.898	-78.74	
767	4	841	856	857	842	78.7402	387.5	88.583	68.898	-78.74	
768	4	842	857	858	843	78.7402	387.5	108.268	68.898	-78.74	
769	4	843	858	859	844	78.7402	387.5	127.953	68.898	-78.74	
770	4	844	859	860	845	78.7402	387.5	147.638	68.898	-78.74	
771	4	845	860	861	846	78.7402	387.5	167.323	68.898	-78.74	
772	4	846	861	862	847	78.7402	387.5	187.008	68.898	-78.74	
773	4	847	862	863	848	78.7402	387.5	206.693	68.898	-78.74	
774	4	848	863	864	849	78.7402	387.5	226.378	68.898	-78.74	
775	4	849	864	865	850	78.7402	387.5	246.063	68.898	-78.74	
776	4	850	865	866	851	78.7402	387.5	265.748	68.898	-78.74	
777	4	852	867	868	853	78.7402	387.5	9.843	49.213	-78.74	
778	4	853	868	869	854	78.7402	387.5	29.528	49.213	-78.74	
779	4	854	869	870	855	78.7402	387.5	49.213	49.213	-78.74	
780	4	855	870	871	856	78.7402	387.5	68.898	49.213	-78.74	

781	4	856	871	872	857	78.7402	387.5	88.583	49.213	-78.74	
782	4	857	872	873	858	78.7402	387.5	108.268	49.213	-78.74	
783	4	858	873	874	859	78.7402	387.5	127.953	49.213	-78.74	
784	4	859	874	875	860	78.7402	387.5	147.638	49.213	-78.74	
785	4	860	875	876	861	78.7402	387.5	167.323	49.213	-78.74	
786	4	861	876	877	862	78.7402	387.5	187.008	49.213	-78.74	
787	4	862	877	878	863	78.7402	387.5	206.693	49.213	-78.74	
788	4	863	878	879	864	78.7402	387.5	226.378	49.213	-78.74	
789	4	864	879	880	865	78.7402	387.5	246.063	49.213	-78.74	
790	4	865	880	881	866	78.7402	387.5	265.748	49.213	-78.74	
791	4	867	882	883	868	78.7402	387.5	9.843	29.528	-78.74	
792	4	868	883	884	869	78.7402	387.5	29.528	29.528	-78.74	
793	4	869	884	885	870	78.7402	387.5	49.213	29.528	-78.74	
794	4	870	885	886	871	78.7402	387.5	68.898	29.528	-78.74	
795	4	871	886	887	872	78.7402	387.5	88.583	29.528	-78.74	
796	4	872	887	888	873	78.7402	387.5	108.268	29.528	-78.74	
797	4	873	888	889	874	78.7402	387.5	127.953	29.528	-78.74	
798	4	874	889	890	875	78.7402	387.5	147.638	29.528	-78.74	
799	4	875	890	891	876	78.7402	387.5	167.323	29.528	-78.74	
800	4	876	891	892	877	78.7402	387.5	187.008	29.528	-78.74	
801	4	877	892	893	878	78.7402	387.5	206.693	29.528	-78.74	
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808	4	885	158	166	886	78.7402	387.5	68.898	9.843	-78.74	
809	4	886	166	174	887	78.7402	387.5	88.583	9.843	-78.74	
810	4	887	174	182	888	78.7402	387.5	108.268	9.843	-78.74	
811	4	888	182	190	889	78.7402	387.5	127.953	9.843	-78.74	
812	4	889	190	198	890	78.7402	387.5	147.638	9.843	-78.74	
813	4	890	198	206	891	78.7402	387.5	167.323	9.843	-78.74	
814	4	891	206	214	892	78.7402	387.5	187.008	9.843	-78.74	
815	4	892	214	222	893	78.7402	387.5	206.693	9.843	-78.74	
816	4	893	222	230	894	78.7402	387.5	226.378	9.843	-78.74	
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819	4	1	747	897	898	78.7402	387.5	0	206.693	-68.898	
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821	4	900	899	901	902	78.7402	387.5	0	206.693	-29.528	
822	4	902	901	903	4	78.7402	387.5	0	206.693	-9.843	
823	4	747	762	904	897	78.7402	387.5	0	187.008	-68.898	
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893	4	971	975	976	972	78.7402	387.5	275.591	68.898	-29.528	
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899	4	881	896	982	978	78.7402	387.5	275.591	29.528	-68.898	
900	4	978	982	983	979	78.7402	387.5	275.591	29.528	-49.213	

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903	4	896	6	986	982	78.7402	387.5	275.591	9.843	-68.898	
904	4	982	986	987	983	78.7402	387.5	275.591	9.843	-49.213	
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AREA SECTION ASSIGNMENTS

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767	SP50	Default
768	SP50	Default
769	SP50	Default
770	SP50	Default
771	SP50	Default
772	SP50	Default
773	SP50	Default
774	SP50	Default
775	SP50	Default
776	SP50	Default
777	SP50	Default
778	SP50	Default
779	SP50	Default
780	SP50	Default
781	SP50	Default
782	SP50	Default
783	SP50	Default
784	SP50	Default
785	SP50	Default

786	SP50	Default
787	SP50	Default
788	SP50	Default
789	SP50	Default
790	SP50	Default
791	SP50	Default
792	SP50	Default
793	SP50	Default
794	SP50	Default
795	SP50	Default
796	SP50	Default
797	SP50	Default
798	SP50	Default
799	SP50	Default
800	SP50	Default
801	SP50	Default
802	SP50	Default
803	SP50	Default
804	SP50	Default
805	SP50	Default
806	SP50	Default
807	SP50	Default
808	SP50	Default
809	SP50	Default
810	SP50	Default
811	SP50	Default
812	SP50	Default
813	SP50	Default
814	SP50	Default
815	SP50	Default
816	SP50	Default
817	SP50	Default
818	SP50	Default
819	SP40	Default
820	SP40	Default
821	SP40	Default
822	SP40	Default
823	SP40	Default
824	SP40	Default
825	SP40	Default

826	SP40	Default
827	SP40	Default
828	SP40	Default
829	SP40	Default
830	SP40	Default
831	SP40	Default
832	SP40	Default
833	SP40	Default
834	SP40	Default
835	SP40	Default
836	SP40	Default
837	SP40	Default
838	SP40	Default
839	SP40	Default
840	SP40	Default
841	SP40	Default
842	SP40	Default
843	SP40	Default
844	SP40	Default
845	SP40	Default
846	SP40	Default
847	SP40	Default
848	SP40	Default
849	SP40	Default
850	SP40	Default
851	SP40	Default
852	SP40	Default
853	SP40	Default
854	SP40	Default
855	SP40	Default
856	SP40	Default
857	SP40	Default
858	SP40	Default
859	SP40	Default
860	SP40	Default
861	SP40	Default
862	SP40	Default
863	SP40	Default
864	SP40	Default
865	SP40	Default

866	SP40	Default
867	SP40	Default
868	SP40	Default
869	SP40	Default
870	SP40	Default
871	SP40	Default
872	SP40	Default
873	SP40	Default
874	SP40	Default
875	SP40	Default
876	SP40	Default
877	SP40	Default
878	SP40	Default
879	SP40	Default
880	SP40	Default
881	SP40	Default
882	SP40	Default
883	SP40	Default
884	SP40	Default
885	SP40	Default
886	SP40	Default
887	SP40	Default
888	SP40	Default
889	SP40	Default
890	SP40	Default
891	SP40	Default
892	SP40	Default
893	SP40	Default
894	SP40	Default
895	SP40	Default
896	SP40	Default
897	SP40	Default
898	SP40	Default
899	SP40	Default
900	SP40	Default
901	SP40	Default
902	SP40	Default
903	SP40	Default
904	SP40	Default
905	SP40	Default

906	SP40	Default

JOINT RESTRAINT ASSIGNMENTS

Joint	U1	U2	U3	R1	R2	R3
67	Yes	No	No	No	No	No
183	Yes	No	No	No	No	No
604	Yes	No	No	No	No	No
619	Yes	No	No	No	No	No
634	Yes	No	No	No	No	No
649	Yes	No	No	No	No	No
657	No	Yes	No	No	No	No
658	No	Yes	No	No	No	No
659	No	Yes	No	No	No	No
660	No	Yes	No	No	No	No
661	No	Yes	No	No	No	No
662	No	Yes	No	No	No	No
663	No	Yes	No	No	No	No
664	Yes	Yes	No	No	No	No
665	No	Yes	No	No	No	No
666	No	Yes	No	No	No	No
667	No	Yes	No	No	No	No
668	No	Yes	No	No	No	No
669	No	Yes	No	No	No	No
670	No	Yes	No	No	No	No
671	No	Yes	No	No	No	No
679	Yes	No	No	No	No	No
694	Yes	No	No	No	No	No
709	Yes	No	No	No	No	No
724	Yes	No	No	No	No	No
739	Yes	No	No	No	No	No

JOINT SPRING ASSIGNMENTS

Joint	CoordSys	U1	U2	U3	R1	R2	R3
9	GLOBAL	0	0	33.5984	0	0	0
10	GLOBAL	0	0	33.5984	0	0	0
11	GLOBAL	0	0	33.5984	0	0	0
12	GLOBAL	0	0	33.5984	0	0	0
13	GLOBAL	0	0	33.5984	0	0	0

27	GLOBAL	0	0	33.5984	0	0	0
35	GLOBAL	0	0	33.5984	0	0	0
43	GLOBAL	0	0	33.5984	0	0	0
51	GLOBAL	0	0	33.5984	0	0	0
59	GLOBAL	0	0	33.5984	0	0	0
67	GLOBAL	0	0	33.5984	0	0	0
75	GLOBAL	0	0	33.5984	0	0	0
83	GLOBAL	0	0	33.5984	0	0	0
91	GLOBAL	0	0	33.5984	0	0	0
99	GLOBAL	0	0	33.5984	0	0	0
107	GLOBAL	0	0	33.5984	0	0	0
115	GLOBAL	0	0	33.5984	0	0	0
129	GLOBAL	0	0	33.5984	0	0	0
143	GLOBAL	0	0	33.5984	0	0	0
151	GLOBAL	0	0	33.5984	0	0	0
159	GLOBAL	0	0	33.5984	0	0	0
167	GLOBAL	0	0	33.5984	0	0	0
175	GLOBAL	0	0	33.5984	0	0	0
183	GLOBAL	0	0	33.5984	0	0	0
191	GLOBAL	0	0	33.5984	0	0	0
199	GLOBAL	0	0	33.5984	0	0	0
207	GLOBAL	0	0	33.5984	0	0	0
215	GLOBAL	0	0	33.5984	0	0	0
223	GLOBAL	0	0	33.5984	0	0	0
231	GLOBAL	0	0	33.5984	0	0	0
597	GLOBAL	0	0	33.5984	0	0	0
598	GLOBAL	0	0	33.5984	0	0	0
599	GLOBAL	0	0	33.5984	0	0	0
600	GLOBAL	0	0	33.5984	0	0	0
601	GLOBAL	0	0	33.5984	0	0	0
602	GLOBAL	0	0	33.5984	0	0	0
603	GLOBAL	0	0	33.5984	0	0	0
604	GLOBAL	0	0	33.5984	0	0	0
605	GLOBAL	0	0	33.5984	0	0	0
606	GLOBAL	0	0	33.5984	0	0	0
607	GLOBAL	0	0	33.5984	0	0	0
608	GLOBAL	0	0	33.5984	0	0	0
609	GLOBAL	0	0	33.5984	0	0	0
610	GLOBAL	0	0	33.5984	0	0	0
611	GLOBAL	0	0	33.5984	0	0	0

612	GLOBAL	0	0	33.5984	0	0	0
613	GLOBAL	0	0	33.5984	0	0	0
614	GLOBAL	0	0	33.5984	0	0	0
615	GLOBAL	0	0	33.5984	0	0	0
616	GLOBAL	0	0	33.5984	0	0	0
617	GLOBAL	0	0	33.5984	0	0	0
618	GLOBAL	0	0	33.5984	0	0	0
619	GLOBAL	0	0	33.5984	0	0	0
620	GLOBAL	0	0	33.5984	0	0	0
621	GLOBAL	0	0	33.5984	0	0	0
622	GLOBAL	0	0	33.5984	0	0	0
623	GLOBAL	0	0	33.5984	0	0	0
624	GLOBAL	0	0	33.5984	0	0	0
625	GLOBAL	0	0	33.5984	0	0	0
626	GLOBAL	0	0	33.5984	0	0	0
627	GLOBAL	0	0	33.5984	0	0	0
628	GLOBAL	0	0	33.5984	0	0	0
629	GLOBAL	0	0	33.5984	0	0	0
630	GLOBAL	0	0	33.5984	0	0	0
631	GLOBAL	0	0	33.5984	0	0	0
632	GLOBAL	0	0	33.5984	0	0	0
633	GLOBAL	0	0	33.5984	0	0	0
634	GLOBAL	0	0	33.5984	0	0	0
635	GLOBAL	0	0	33.5984	0	0	0
636	GLOBAL	0	0	33.5984	0	0	0
637	GLOBAL	0	0	33.5984	0	0	0
638	GLOBAL	0	0	33.5984	0	0	0
639	GLOBAL	0	0	33.5984	0	0	0
640	GLOBAL	0	0	33.5984	0	0	0
641	GLOBAL	0	0	33.5984	0	0	0
642	GLOBAL	0	0	33.5984	0	0	0
643	GLOBAL	0	0	33.5984	0	0	0
644	GLOBAL	0	0	33.5984	0	0	0
645	GLOBAL	0	0	33.5984	0	0	0
646	GLOBAL	0	0	33.5984	0	0	0
647	GLOBAL	0	0	33.5984	0	0	0
648	GLOBAL	0	0	33.5984	0	0	0
649	GLOBAL	0	0	33.5984	0	0	0
650	GLOBAL	0	0	33.5984	0	0	0
651	GLOBAL	0	0	33.5984	0	0	0

652	GLOBAL	0	0	33.5984	0	0	0
653	GLOBAL	0	0	33.5984	0	0	0
654	GLOBAL	0	0	33.5984	0	0	0
655	GLOBAL	0	0	33.5984	0	0	0
656	GLOBAL	0	0	33.5984	0	0	0
657	GLOBAL	0	0	33.5984	0	0	0
658	GLOBAL	0	0	33.5984	0	0	0
659	GLOBAL	0	0	33.5984	0	0	0
660	GLOBAL	0	0	33.5984	0	0	0
661	GLOBAL	0	0	33.5984	0	0	0
662	GLOBAL	0	0	33.5984	0	0	0
663	GLOBAL	0	0	33.5984	0	0	0
664	GLOBAL	0	0	33.5984	0	0	0
665	GLOBAL	0	0	33.5984	0	0	0
666	GLOBAL	0	0	33.5984	0	0	0
667	GLOBAL	0	0	33.5984	0	0	0
668	GLOBAL	0	0	33.5984	0	0	0
669	GLOBAL	0	0	33.5984	0	0	0
670	GLOBAL	0	0	33.5984	0	0	0
671	GLOBAL	0	0	33.5984	0	0	0
672	GLOBAL	0	0	33.5984	0	0	0
673	GLOBAL	0	0	33.5984	0	0	0
674	GLOBAL	0	0	33.5984	0	0	0
675	GLOBAL	0	0	33.5984	0	0	0
676	GLOBAL	0	0	33.5984	0	0	0
677	GLOBAL	0	0	33.5984	0	0	0
678	GLOBAL	0	0	33.5984	0	0	0
679	GLOBAL	0	0	33.5984	0	0	0
680	GLOBAL	0	0	33.5984	0	0	0
681	GLOBAL	0	0	33.5984	0	0	0
682	GLOBAL	0	0	33.5984	0	0	0
683	GLOBAL	0	0	33.5984	0	0	0
684	GLOBAL	0	0	33.5984	0	0	0
685	GLOBAL	0	0	33.5984	0	0	0
686	GLOBAL	0	0	33.5984	0	0	0
687	GLOBAL	0	0	33.5984	0	0	0
688	GLOBAL	0	0	33.5984	0	0	0
689	GLOBAL	0	0	33.5984	0	0	0
690	GLOBAL	0	0	33.5984	0	0	0
691	GLOBAL	0	0	33.5984	0	0	0

692	GLOBAL	0	0	33.5984	0	0	0
693	GLOBAL	0	0	33.5984	0	0	0
694	GLOBAL	0	0	33.5984	0	0	0
695	GLOBAL	0	0	33.5984	0	0	0
696	GLOBAL	0	0	33.5984	0	0	0
697	GLOBAL	0	0	33.5984	0	0	0
698	GLOBAL	0	0	33.5984	0	0	0
699	GLOBAL	0	0	33.5984	0	0	0
700	GLOBAL	0	0	33.5984	0	0	0
701	GLOBAL	0	0	33.5984	0	0	0
702	GLOBAL	0	0	33.5984	0	0	0
703	GLOBAL	0	0	33.5984	0	0	0
704	GLOBAL	0	0	33.5984	0	0	0
705	GLOBAL	0	0	33.5984	0	0	0
706	GLOBAL	0	0	33.5984	0	0	0
707	GLOBAL	0	0	33.5984	0	0	0
708	GLOBAL	0	0	33.5984	0	0	0
709	GLOBAL	0	0	33.5984	0	0	0
710	GLOBAL	0	0	33.5984	0	0	0
711	GLOBAL	0	0	33.5984	0	0	0
712	GLOBAL	0	0	33.5984	0	0	0
713	GLOBAL	0	0	33.5984	0	0	0
714	GLOBAL	0	0	33.5984	0	0	0
715	GLOBAL	0	0	33.5984	0	0	0
716	GLOBAL	0	0	33.5984	0	0	0
717	GLOBAL	0	0	33.5984	0	0	0
718	GLOBAL	0	0	33.5984	0	0	0
719	GLOBAL	0	0	33.5984	0	0	0
720	GLOBAL	0	0	33.5984	0	0	0
721	GLOBAL	0	0	33.5984	0	0	0
722	GLOBAL	0	0	33.5984	0	0	0
723	GLOBAL	0	0	33.5984	0	0	0
724	GLOBAL	0	0	33.5984	0	0	0
725	GLOBAL	0	0	33.5984	0	0	0
726	GLOBAL	0	0	33.5984	0	0	0
727	GLOBAL	0	0	33.5984	0	0	0
728	GLOBAL	0	0	33.5984	0	0	0
729	GLOBAL	0	0	33.5984	0	0	0
730	GLOBAL	0	0	33.5984	0	0	0
731	GLOBAL	0	0	33.5984	0	0	0

732	GLOBAL	0	0	33.5984	0	0	0
733	GLOBAL	0	0	33.5984	0	0	0
734	GLOBAL	0	0	33.5984	0	0	0
735	GLOBAL	0	0	33.5984	0	0	0
736	GLOBAL	0	0	33.5984	0	0	0
737	GLOBAL	0	0	33.5984	0	0	0
738	GLOBAL	0	0	33.5984	0	0	0
739	GLOBAL	0	0	33.5984	0	0	0
740	GLOBAL	0	0	33.5984	0	0	0
741	GLOBAL	0	0	33.5984	0	0	0
742	GLOBAL	0	0	33.5984	0	0	0
743	GLOBAL	0	0	33.5984	0	0	0
744	GLOBAL	0	0	33.5984	0	0	0
745	GLOBAL	0	0	33.5984	0	0	0
746	GLOBAL	0	0	33.5984	0	0	0

LOAD CASE DEFINITIONS

LoadCase	DesignType	SelfWtMult	AutoLoad	GUID	Notes
PP	DEAD	1			
Terreno	DEAD	0			
Acc-sx	DEAD	0			
Acc-cx	DEAD	0			
Acc-dx	DEAD	0			
Sis-X	DEAD	0			
Sis-Y	DEAD	0			
Sis-Z	DEAD	0			
Urto	DEAD	0			
Acqua	DEAD	0			

JOINT LOADS - FORCE

Joint	LoadCase	CoordSys	F1	F2	F3	M1	M2	M3	GUID
7	Urto	GLOBAL	0.452	0	0	0	17.793	0	
8	Urto	GLOBAL	0.452	0	0	0	17.793	0	
949	Urto	GLOBAL	0.904	0	0	0	35.586	0	
953	Urto	GLOBAL	0.904	0	0	0	35.586	0	
957	Urto	GLOBAL	0.904	0	0	0	35.586	0	
961	Urto	GLOBAL	0.904	0	0	0	35.586	0	
965	Urto	GLOBAL	0.904	0	0	0	35.586	0	

969	Urto	GLOBAL	0.904	0	0	0	35.586	0	
973	Urto	GLOBAL	0.904	0	0	0	35.586	0	
977	Urto	GLOBAL	0.904	0	0	0	35.586	0	
981	Urto	GLOBAL	0.904	0	0	0	35.586	0	
985	Urto	GLOBAL	0.904	0	0	0	35.586	0	

AREA LOADS - UNIFORM

Area	LoadCase	CoordSys	Dir	UnifLoad
7	Sis-Z	GLOBAL	Gravity	0.00017
7	Acc-dx	GLOBAL	Y	-0.00156
8	Sis-Z	GLOBAL	Gravity	0.00017
8	Acc-dx	GLOBAL	Y	-0.00156
9	Sis-Z	GLOBAL	Gravity	0.00017
9	Acc-dx	GLOBAL	Y	-0.00156
10	Sis-Z	GLOBAL	Gravity	0.00017
10	Acc-dx	GLOBAL	Y	-0.00156
11	Sis-Z	GLOBAL	Gravity	0.00017
11	Acc-dx	GLOBAL	Y	-0.00156
12	Sis-Z	GLOBAL	Gravity	0.00017
12	Acc-dx	GLOBAL	Y	-0.00156
13	Sis-Z	GLOBAL	Gravity	0.00017
13	Acc-dx	GLOBAL	Y	-0.00156
14	Sis-Z	GLOBAL	Gravity	0.00017
14	Acc-dx	GLOBAL	Y	-0.00156
15	Sis-Z	GLOBAL	Gravity	0.00017
15	Acc-dx	GLOBAL	Y	-0.00156
16	Sis-Z	GLOBAL	Gravity	0.00017
16	Acc-dx	GLOBAL	Y	-0.00156
17	Sis-Z	GLOBAL	Gravity	0.00017
17	Acc-dx	GLOBAL	Y	-0.00156
18	Sis-Z	GLOBAL	Gravity	0.00017
18	Acc-dx	GLOBAL	Y	-0.00156
19	Sis-Z	GLOBAL	Gravity	0.00017
19	Acc-dx	GLOBAL	Y	-0.00156
20	Sis-Z	GLOBAL	Gravity	0.00017
20	Acc-dx	GLOBAL	Y	-0.00156
21	Sis-Z	GLOBAL	Gravity	0.00017
21	Acc-dx	GLOBAL	Y	-0.00156
22	Sis-Z	GLOBAL	Gravity	0.00017
22	Acc-dx	GLOBAL	Y	-0.00156

23	Sis-Z	GLOBAL	Gravity	0.00017
23	Acc-dx	GLOBAL	Y	-0.00156
24	Sis-Z	GLOBAL	Gravity	0.00017
24	Acc-dx	GLOBAL	Y	-0.00156
25	Sis-Z	GLOBAL	Gravity	0.00017
25	Acc-dx	GLOBAL	Y	-0.00156
26	Sis-Z	GLOBAL	Gravity	0.00017
26	Acc-dx	GLOBAL	Y	-0.00156
27	Sis-Z	GLOBAL	Gravity	0.00017
27	Acc-dx	GLOBAL	Y	-0.00156
28	Sis-Z	GLOBAL	Gravity	0.00017
28	Acc-dx	GLOBAL	Y	-0.00156
29	Sis-Z	GLOBAL	Gravity	0.00017
29	Acc-dx	GLOBAL	Y	-0.00156
30	Sis-Z	GLOBAL	Gravity	0.00017
30	Acc-dx	GLOBAL	Y	-0.00156
31	Sis-Z	GLOBAL	Gravity	0.00017
31	Acc-dx	GLOBAL	Y	-0.00156
32	Sis-Z	GLOBAL	Gravity	0.00017
32	Acc-dx	GLOBAL	Y	-0.00156
33	Sis-Z	GLOBAL	Gravity	0.00017
33	Acc-dx	GLOBAL	Y	-0.00156
34	Sis-Z	GLOBAL	Gravity	0.00017
34	Acc-dx	GLOBAL	Y	-0.00156
35	Sis-Z	GLOBAL	Gravity	0.00017
35	Acc-dx	GLOBAL	Y	-0.00156
36	Sis-Z	GLOBAL	Gravity	0.00017
36	Acc-dx	GLOBAL	Y	-0.00156
37	Sis-Z	GLOBAL	Gravity	0.00017
37	Acc-dx	GLOBAL	Y	-0.00156
38	Sis-Z	GLOBAL	Gravity	0.00017
38	Acc-dx	GLOBAL	Y	-0.00156
39	Sis-Z	GLOBAL	Gravity	0.00017
39	Acc-dx	GLOBAL	Y	-0.00156
40	Sis-Z	GLOBAL	Gravity	0.00017
40	Acc-dx	GLOBAL	Y	-0.00156
41	Sis-Z	GLOBAL	Gravity	0.00017
41	Acc-dx	GLOBAL	Y	-0.00156
42	Sis-Z	GLOBAL	Gravity	0.00017
42	Acc-dx	GLOBAL	Y	-0.00156

43	Sis-Z	GLOBAL	Gravity	0.00017
43	Acc-dx	GLOBAL	Y	-0.00156
44	Sis-Z	GLOBAL	Gravity	0.00017
44	Acc-dx	GLOBAL	Y	-0.00156
45	Sis-Z	GLOBAL	Gravity	0.00017
45	Acc-dx	GLOBAL	Y	-0.00156
46	Sis-Z	GLOBAL	Gravity	0.00017
46	Acc-dx	GLOBAL	Y	-0.00156
47	Sis-Z	GLOBAL	Gravity	0.00017
47	Acc-dx	GLOBAL	Y	-0.00156
48	Sis-Z	GLOBAL	Gravity	0.00017
48	Acc-dx	GLOBAL	Y	-0.00156
49	Sis-Z	GLOBAL	Gravity	0.00017
49	Acc-dx	GLOBAL	Y	-0.00156
50	Sis-Z	GLOBAL	Gravity	0.00017
50	Acc-dx	GLOBAL	Y	-0.00156
51	Sis-Z	GLOBAL	Gravity	0.00017
51	Acc-dx	GLOBAL	Y	-0.00156
52	Sis-Z	GLOBAL	Gravity	0.00017
52	Acc-dx	GLOBAL	Y	-0.00156
53	Sis-Z	GLOBAL	Gravity	0.00017
53	Acc-dx	GLOBAL	Y	-0.00156
54	Sis-Z	GLOBAL	Gravity	0.00017
54	Acc-dx	GLOBAL	Y	-0.00156
55	Sis-Z	GLOBAL	Gravity	0.00017
55	Acc-dx	GLOBAL	Y	-0.00156
56	Sis-Z	GLOBAL	Gravity	0.00017
56	Acc-dx	GLOBAL	Y	-0.00156
57	Sis-Z	GLOBAL	Gravity	0.00017
57	Acc-dx	GLOBAL	Y	-0.00156
58	Sis-Z	GLOBAL	Gravity	0.00017
58	Acc-dx	GLOBAL	Y	-0.00156
59	Sis-Z	GLOBAL	Gravity	0.00017
59	Acc-dx	GLOBAL	Y	-0.00156
60	Sis-Z	GLOBAL	Gravity	0.00017
60	Acc-dx	GLOBAL	Y	-0.00156
61	Sis-Z	GLOBAL	Gravity	0.00017
61	Acc-dx	GLOBAL	Y	-0.00156
62	Sis-Z	GLOBAL	Gravity	0.00017
62	Acc-dx	GLOBAL	Y	-0.00156

63	Sis-Z	GLOBAL	Gravity	0.00017
63	Acc-dx	GLOBAL	Y	-0.00156
64	Sis-Z	GLOBAL	Gravity	0.00017
64	Acc-dx	GLOBAL	Y	-0.00156
65	Sis-Z	GLOBAL	Gravity	0.00017
65	Acc-dx	GLOBAL	Y	-0.00156
66	Sis-Z	GLOBAL	Gravity	0.00017
66	Acc-dx	GLOBAL	Y	-0.00156
67	Sis-Z	GLOBAL	Gravity	0.00017
67	Acc-dx	GLOBAL	Y	-0.00156
68	Sis-Z	GLOBAL	Gravity	0.00017
68	Acc-dx	GLOBAL	Y	-0.00156
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73	Acc-dx	GLOBAL	Y	-0.00156
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74	Acc-dx	GLOBAL	Y	-0.00156
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75	Acc-dx	GLOBAL	Y	-0.00156
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76	Acc-dx	GLOBAL	Y	-0.00156
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82	Acc-dx	GLOBAL	Y	-0.00156

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83	Acc-dx	GLOBAL	Y	-0.00156
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84	Acc-dx	GLOBAL	Y	-0.00156
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85	Acc-dx	GLOBAL	Y	-0.00156
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86	Acc-dx	GLOBAL	Y	-0.00156
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87	Acc-dx	GLOBAL	Y	-0.00156
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90	Acc-dx	GLOBAL	Y	-0.00156
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91	Acc-dx	GLOBAL	Y	-0.00156
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103	Acc-dx	GLOBAL	Y	-0.00156
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104	Acc-dx	GLOBAL	Y	-0.00156
105	Sis-Z	GLOBAL	Gravity	0.00017
105	Acc-sx	GLOBAL	Y	0.00156
105	Sis-Y	GLOBAL	Y	0.00008534
106	Sis-Z	GLOBAL	Gravity	0.00017
106	Acc-sx	GLOBAL	Y	0.00156
106	Sis-Y	GLOBAL	Y	0.00008534
107	Sis-Z	GLOBAL	Gravity	0.00017
107	Acc-sx	GLOBAL	Y	0.00156
107	Sis-Y	GLOBAL	Y	0.00008534
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109	Sis-Y	GLOBAL	Y	0.00008534
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116	Acc-sx	GLOBAL	Y	0.00156
116	Sis-Y	GLOBAL	Y	0.00008534

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120	Sis-Y	GLOBAL	Y	0.00008534
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124	Sis-Y	GLOBAL	Y	0.00008534
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832	Acc-cx	GLOBAL	X	-0.00156
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833	Acc-cx	GLOBAL	X	-0.00156
834	Sis-Z	GLOBAL	Gravity	0.00017
834	Acc-cx	GLOBAL	X	-0.00156
835	Sis-Z	GLOBAL	Gravity	0.00017
835	Acc-cx	GLOBAL	X	-0.00156
836	Sis-Z	GLOBAL	Gravity	0.00017
836	Acc-cx	GLOBAL	X	-0.00156
837	Sis-Z	GLOBAL	Gravity	0.00017
837	Acc-cx	GLOBAL	X	-0.00156
838	Sis-Z	GLOBAL	Gravity	0.00017
838	Acc-cx	GLOBAL	X	-0.00156
839	Sis-Z	GLOBAL	Gravity	0.00017
839	Acc-cx	GLOBAL	X	-0.00156
840	Sis-Z	GLOBAL	Gravity	0.00017
840	Acc-cx	GLOBAL	X	-0.00156
841	Sis-Z	GLOBAL	Gravity	0.00017
841	Acc-cx	GLOBAL	X	-0.00156
842	Sis-Z	GLOBAL	Gravity	0.00017
842	Acc-cx	GLOBAL	X	-0.00156
843	Sis-Z	GLOBAL	Gravity	0.00017
843	Acc-cx	GLOBAL	X	-0.00156
844	Sis-Z	GLOBAL	Gravity	0.00017
844	Acc-cx	GLOBAL	X	-0.00156
845	Sis-Z	GLOBAL	Gravity	0.00017
845	Acc-cx	GLOBAL	X	-0.00156
846	Sis-Z	GLOBAL	Gravity	0.00017
846	Acc-cx	GLOBAL	X	-0.00156
847	Sis-Z	GLOBAL	Gravity	0.00017
847	Acc-cx	GLOBAL	X	-0.00156

848	Sis-Z	GLOBAL	Gravity	0.00017
848	Acc-cx	GLOBAL	X	-0.00156
849	Sis-Z	GLOBAL	Gravity	0.00017
849	Acc-cx	GLOBAL	X	-0.00156
850	Sis-Z	GLOBAL	Gravity	0.00017
850	Acc-cx	GLOBAL	X	-0.00156
851	Sis-Z	GLOBAL	Gravity	0.00017
851	Acc-cx	GLOBAL	X	-0.00156
852	Sis-Z	GLOBAL	Gravity	0.00017
852	Acc-cx	GLOBAL	X	-0.00156
853	Sis-Z	GLOBAL	Gravity	0.00017
853	Acc-cx	GLOBAL	X	-0.00156
854	Sis-Z	GLOBAL	Gravity	0.00017
854	Acc-cx	GLOBAL	X	-0.00156
855	Sis-Z	GLOBAL	Gravity	0.00017
855	Acc-cx	GLOBAL	X	-0.00156
856	Sis-Z	GLOBAL	Gravity	0.00017
856	Acc-cx	GLOBAL	X	-0.00156
857	Sis-Z	GLOBAL	Gravity	0.00017
857	Acc-cx	GLOBAL	X	-0.00156
858	Sis-Z	GLOBAL	Gravity	0.00017
858	Acc-cx	GLOBAL	X	-0.00156
859	Sis-Z	GLOBAL	Gravity	0.00017
859	Acc-cx	GLOBAL	X	-0.00156
860	Sis-Z	GLOBAL	Gravity	0.00017
860	Acc-cx	GLOBAL	X	-0.00156
861	Sis-Z	GLOBAL	Gravity	0.00017
861	Acc-cx	GLOBAL	X	-0.00156
862	Sis-Z	GLOBAL	Gravity	0.00017
862	Acc-cx	GLOBAL	X	-0.00156
863	Sis-Z	GLOBAL	Gravity	0.00017
863	Acc-cx	GLOBAL	X	0.00156
863	Sis-X	GLOBAL	X	0.00008534
864	Sis-Z	GLOBAL	Gravity	0.00017
864	Acc-cx	GLOBAL	X	0.00156
864	Sis-X	GLOBAL	X	0.00008534
865	Sis-Z	GLOBAL	Gravity	0.00017
865	Acc-cx	GLOBAL	X	0.00156
865	Sis-X	GLOBAL	X	0.00008534
866	Sis-Z	GLOBAL	Gravity	0.00017

866	Acc-cx	GLOBAL	X	0.00156
866	Sis-X	GLOBAL	X	0.00008534
867	Sis-Z	GLOBAL	Gravity	0.00017
867	Acc-cx	GLOBAL	X	0.00156
867	Sis-X	GLOBAL	X	0.00008534
868	Sis-Z	GLOBAL	Gravity	0.00017
868	Acc-cx	GLOBAL	X	0.00156
868	Sis-X	GLOBAL	X	0.00008534
869	Sis-Z	GLOBAL	Gravity	0.00017
869	Acc-cx	GLOBAL	X	0.00156
869	Sis-X	GLOBAL	X	0.00008534
870	Sis-Z	GLOBAL	Gravity	0.00017
870	Acc-cx	GLOBAL	X	0.00156
870	Sis-X	GLOBAL	X	0.00008534
871	Sis-Z	GLOBAL	Gravity	0.00017
871	Acc-cx	GLOBAL	X	0.00156
871	Sis-X	GLOBAL	X	0.00008534
872	Sis-Z	GLOBAL	Gravity	0.00017
872	Acc-cx	GLOBAL	X	0.00156
872	Sis-X	GLOBAL	X	0.00008534
873	Sis-Z	GLOBAL	Gravity	0.00017
873	Acc-cx	GLOBAL	X	0.00156
873	Sis-X	GLOBAL	X	0.00008534
874	Sis-Z	GLOBAL	Gravity	0.00017
874	Acc-cx	GLOBAL	X	0.00156
874	Sis-X	GLOBAL	X	0.00008534
875	Sis-Z	GLOBAL	Gravity	0.00017
875	Acc-cx	GLOBAL	X	0.00156
875	Sis-X	GLOBAL	X	0.00008534
876	Sis-Z	GLOBAL	Gravity	0.00017
876	Acc-cx	GLOBAL	X	0.00156
876	Sis-X	GLOBAL	X	0.00008534
877	Sis-Z	GLOBAL	Gravity	0.00017
877	Acc-cx	GLOBAL	X	0.00156
877	Sis-X	GLOBAL	X	0.00008534
878	Sis-Z	GLOBAL	Gravity	0.00017
878	Acc-cx	GLOBAL	X	0.00156
878	Sis-X	GLOBAL	X	0.00008534
879	Sis-Z	GLOBAL	Gravity	0.00017
879	Acc-cx	GLOBAL	X	0.00156

879	Sis-X	GLOBAL	X	0.00008534
880	Sis-Z	GLOBAL	Gravity	0.00017
880	Acc-cx	GLOBAL	X	0.00156
880	Sis-X	GLOBAL	X	0.00008534
881	Sis-Z	GLOBAL	Gravity	0.00017
881	Acc-cx	GLOBAL	X	0.00156
881	Sis-X	GLOBAL	X	0.00008534
882	Sis-Z	GLOBAL	Gravity	0.00017
882	Acc-cx	GLOBAL	X	0.00156
882	Sis-X	GLOBAL	X	0.00008534
883	Sis-Z	GLOBAL	Gravity	0.00017
883	Acc-cx	GLOBAL	X	0.00156
883	Sis-X	GLOBAL	X	0.00008534
884	Sis-Z	GLOBAL	Gravity	0.00017
884	Acc-cx	GLOBAL	X	0.00156
884	Sis-X	GLOBAL	X	0.00008534
885	Sis-Z	GLOBAL	Gravity	0.00017
885	Acc-cx	GLOBAL	X	0.00156
885	Sis-X	GLOBAL	X	0.00008534
886	Sis-Z	GLOBAL	Gravity	0.00017
886	Acc-cx	GLOBAL	X	0.00156
886	Sis-X	GLOBAL	X	0.00008534
887	Sis-Z	GLOBAL	Gravity	0.00017
887	Acc-cx	GLOBAL	X	0.00156
887	Sis-X	GLOBAL	X	0.00008534
888	Sis-Z	GLOBAL	Gravity	0.00017
888	Acc-cx	GLOBAL	X	0.00156
888	Sis-X	GLOBAL	X	0.00008534
889	Sis-Z	GLOBAL	Gravity	0.00017
889	Acc-cx	GLOBAL	X	0.00156
889	Sis-X	GLOBAL	X	0.00008534
890	Sis-Z	GLOBAL	Gravity	0.00017
890	Acc-cx	GLOBAL	X	0.00156
890	Sis-X	GLOBAL	X	0.00008534
891	Sis-Z	GLOBAL	Gravity	0.00017
891	Acc-cx	GLOBAL	X	0.00156
891	Sis-X	GLOBAL	X	0.00008534
892	Sis-Z	GLOBAL	Gravity	0.00017
892	Acc-cx	GLOBAL	X	0.00156
892	Sis-X	GLOBAL	X	0.00008534

893	Sis-Z	GLOBAL	Gravity	0.00017
893	Acc-cx	GLOBAL	X	0.00156
893	Sis-X	GLOBAL	X	0.00008534
894	Sis-Z	GLOBAL	Gravity	0.00017
894	Acc-cx	GLOBAL	X	0.00156
894	Sis-X	GLOBAL	X	0.00008534
895	Sis-Z	GLOBAL	Gravity	0.00017
895	Acc-cx	GLOBAL	X	0.00156
895	Sis-X	GLOBAL	X	0.00008534
896	Sis-Z	GLOBAL	Gravity	0.00017
896	Acc-cx	GLOBAL	X	0.00156
896	Sis-X	GLOBAL	X	0.00008534
897	Sis-Z	GLOBAL	Gravity	0.00017
897	Acc-cx	GLOBAL	X	0.00156
897	Sis-X	GLOBAL	X	0.00008534
898	Sis-Z	GLOBAL	Gravity	0.00017
898	Acc-cx	GLOBAL	X	0.00156
898	Sis-X	GLOBAL	X	0.00008534
899	Sis-Z	GLOBAL	Gravity	0.00017
899	Acc-cx	GLOBAL	X	0.00156
899	Sis-X	GLOBAL	X	0.00008534
900	Sis-Z	GLOBAL	Gravity	0.00017
900	Acc-cx	GLOBAL	X	0.00156
900	Sis-X	GLOBAL	X	0.00008534
901	Sis-Z	GLOBAL	Gravity	0.00017
901	Acc-cx	GLOBAL	X	0.00156
901	Sis-X	GLOBAL	X	0.00008534
902	Sis-Z	GLOBAL	Gravity	0.00017
902	Acc-cx	GLOBAL	X	0.00156
902	Sis-X	GLOBAL	X	0.00008534
903	Sis-Z	GLOBAL	Gravity	0.00017
903	Acc-cx	GLOBAL	X	0.00156
903	Sis-X	GLOBAL	X	0.00008534
904	Sis-Z	GLOBAL	Gravity	0.00017
904	Acc-cx	GLOBAL	X	0.00156
904	Sis-X	GLOBAL	X	0.00008534
905	Sis-Z	GLOBAL	Gravity	0.00017
905	Acc-cx	GLOBAL	X	0.00156
905	Sis-X	GLOBAL	X	0.00008534
906	Sis-Z	GLOBAL	Gravity	0.00017

906	Acc-cx	GLOBAL	X	0.00156
906	Sis-X	GLOBAL	X	0.00008534

JOINT LOADS – SURFACE PRESSURE

Area	LoadCase	Face	Pressure	JtPattern
7	Terreno	Bottom	0.000001422	Statica
7	Acqua	Top	0.000001422	Acqua
8	Terreno	Bottom	0.000001422	Statica
8	Acqua	Top	0.000001422	Acqua
9	Terreno	Bottom	0.000001422	Statica
9	Acqua	Top	0.000001422	Acqua
10	Terreno	Bottom	0.000001422	Statica
10	Acqua	Top	0.000001422	Acqua
11	Terreno	Bottom	0.000001422	Statica
11	Acqua	Top	0.000001422	Acqua
12	Terreno	Bottom	0.000001422	Statica
12	Acqua	Top	0.000001422	Acqua
13	Terreno	Bottom	0.000001422	Statica
13	Acqua	Top	0.000001422	Acqua
14	Terreno	Bottom	0.000001422	Statica
14	Acqua	Top	0.000001422	Acqua
15	Terreno	Bottom	0.000001422	Statica
15	Acqua	Top	0.000001422	Acqua
16	Terreno	Bottom	0.000001422	Statica
16	Acqua	Top	0.000001422	Acqua
17	Terreno	Bottom	0.000001422	Statica
17	Acqua	Top	0.000001422	Acqua
18	Terreno	Bottom	0.000001422	Statica
18	Acqua	Top	0.000001422	Acqua
19	Terreno	Bottom	0.000001422	Statica
19	Acqua	Top	0.000001422	Acqua
20	Terreno	Bottom	0.000001422	Statica
20	Acqua	Top	0.000001422	Acqua
21	Terreno	Bottom	0.000001422	Statica
21	Acqua	Top	0.000001422	Acqua
22	Terreno	Bottom	0.000001422	Statica
22	Acqua	Top	0.000001422	Acqua
23	Terreno	Bottom	0.000001422	Statica
23	Acqua	Top	0.000001422	Acqua
24	Terreno	Bottom	0.000001422	Statica

24	Acqua	Top	0.000001422	Acqua
25	Terreno	Bottom	0.000001422	Statica
25	Acqua	Top	0.000001422	Acqua
26	Terreno	Bottom	0.000001422	Statica
26	Acqua	Top	0.000001422	Acqua
27	Terreno	Bottom	0.000001422	Statica
27	Acqua	Top	0.000001422	Acqua
28	Terreno	Bottom	0.000001422	Statica
28	Acqua	Top	0.000001422	Acqua
29	Terreno	Bottom	0.000001422	Statica
29	Acqua	Top	0.000001422	Acqua
30	Terreno	Bottom	0.000001422	Statica
30	Acqua	Top	0.000001422	Acqua
31	Terreno	Bottom	0.000001422	Statica
31	Acqua	Top	0.000001422	Acqua
32	Terreno	Bottom	0.000001422	Statica
32	Acqua	Top	0.000001422	Acqua
33	Terreno	Bottom	0.000001422	Statica
33	Acqua	Top	0.000001422	Acqua
34	Terreno	Bottom	0.000001422	Statica
34	Acqua	Top	0.000001422	Acqua
35	Terreno	Bottom	0.000001422	Statica
35	Acqua	Top	0.000001422	Acqua
36	Terreno	Bottom	0.000001422	Statica
36	Acqua	Top	0.000001422	Acqua
37	Terreno	Bottom	0.000001422	Statica
37	Acqua	Top	0.000001422	Acqua
38	Terreno	Bottom	0.000001422	Statica
38	Acqua	Top	0.000001422	Acqua
39	Terreno	Bottom	0.000001422	Statica
39	Acqua	Top	0.000001422	Acqua
40	Terreno	Bottom	0.000001422	Statica
40	Acqua	Top	0.000001422	Acqua
41	Terreno	Bottom	0.000001422	Statica
41	Acqua	Top	0.000001422	Acqua
42	Terreno	Bottom	0.000001422	Statica
42	Acqua	Top	0.000001422	Acqua
43	Terreno	Bottom	0.000001422	Statica
43	Acqua	Top	0.000001422	Acqua
44	Terreno	Bottom	0.000001422	Statica

44	Acqua	Top	0.000001422	Acqua
45	Terreno	Bottom	0.000001422	Statica
45	Acqua	Top	0.000001422	Acqua
46	Terreno	Bottom	0.000001422	Statica
46	Acqua	Top	0.000001422	Acqua
47	Terreno	Bottom	0.000001422	Statica
47	Acqua	Top	0.000001422	Acqua
48	Terreno	Bottom	0.000001422	Statica
48	Acqua	Top	0.000001422	Acqua
49	Terreno	Bottom	0.000001422	Statica
49	Acqua	Top	0.000001422	Acqua
50	Terreno	Bottom	0.000001422	Statica
50	Acqua	Top	0.000001422	Acqua
51	Terreno	Bottom	0.000001422	Statica
51	Acqua	Top	0.000001422	Acqua
52	Terreno	Bottom	0.000001422	Statica
52	Acqua	Top	0.000001422	Acqua
53	Terreno	Bottom	0.000001422	Statica
53	Acqua	Top	0.000001422	Acqua
54	Terreno	Bottom	0.000001422	Statica
54	Acqua	Top	0.000001422	Acqua
55	Terreno	Bottom	0.000001422	Statica
55	Acqua	Top	0.000001422	Acqua
56	Terreno	Bottom	0.000001422	Statica
56	Acqua	Top	0.000001422	Acqua
57	Terreno	Bottom	0.000001422	Statica
57	Acqua	Top	0.000001422	Acqua
58	Terreno	Bottom	0.000001422	Statica
58	Acqua	Top	0.000001422	Acqua
59	Terreno	Bottom	0.000001422	Statica
59	Acqua	Top	0.000001422	Acqua
60	Terreno	Bottom	0.000001422	Statica
60	Acqua	Top	0.000001422	Acqua
61	Terreno	Bottom	0.000001422	Statica
61	Acqua	Top	0.000001422	Acqua
62	Terreno	Bottom	0.000001422	Statica
62	Acqua	Top	0.000001422	Acqua
63	Terreno	Bottom	0.000001422	Statica
63	Acqua	Top	0.000001422	Acqua
64	Terreno	Bottom	0.000001422	Statica

64	Acqua	Top	0.000001422	Acqua
65	Terreno	Bottom	0.000001422	Statica
65	Acqua	Top	0.000001422	Acqua
66	Terreno	Bottom	0.000001422	Statica
66	Acqua	Top	0.000001422	Acqua
67	Terreno	Bottom	0.000001422	Statica
67	Acqua	Top	0.000001422	Acqua
68	Terreno	Bottom	0.000001422	Statica
68	Acqua	Top	0.000001422	Acqua
69	Terreno	Bottom	0.000001422	Statica
69	Acqua	Top	0.000001422	Acqua
70	Terreno	Bottom	0.000001422	Statica
70	Acqua	Top	0.000001422	Acqua
71	Terreno	Bottom	0.000001422	Statica
71	Acqua	Top	0.000001422	Acqua
72	Terreno	Bottom	0.000001422	Statica
72	Acqua	Top	0.000001422	Acqua
73	Terreno	Bottom	0.000001422	Statica
73	Acqua	Top	0.000001422	Acqua
74	Terreno	Bottom	0.000001422	Statica
74	Acqua	Top	0.000001422	Acqua
75	Terreno	Bottom	0.000001422	Statica
75	Acqua	Top	0.000001422	Acqua
76	Terreno	Bottom	0.000001422	Statica
76	Acqua	Top	0.000001422	Acqua
77	Terreno	Bottom	0.000001422	Statica
77	Acqua	Top	0.000001422	Acqua
78	Terreno	Bottom	0.000001422	Statica
78	Acqua	Top	0.000001422	Acqua
79	Terreno	Bottom	0.000001422	Statica
79	Acqua	Top	0.000001422	Acqua
80	Terreno	Bottom	0.000001422	Statica
80	Acqua	Top	0.000001422	Acqua
81	Terreno	Bottom	0.000001422	Statica
81	Acqua	Top	0.000001422	Acqua
82	Terreno	Bottom	0.000001422	Statica
82	Acqua	Top	0.000001422	Acqua
83	Terreno	Bottom	0.000001422	Statica
83	Acqua	Top	0.000001422	Acqua
84	Terreno	Bottom	0.000001422	Statica

84	Acqua	Top	0.000001422	Acqua
85	Terreno	Bottom	0.000001422	Statica
85	Acqua	Top	0.000001422	Acqua
86	Terreno	Bottom	0.000001422	Statica
86	Acqua	Top	0.000001422	Acqua
87	Terreno	Bottom	0.000001422	Statica
87	Acqua	Top	0.000001422	Acqua
88	Terreno	Bottom	0.000001422	Statica
88	Acqua	Top	0.000001422	Acqua
89	Terreno	Bottom	0.000001422	Statica
89	Acqua	Top	0.000001422	Acqua
90	Terreno	Bottom	0.000001422	Statica
90	Acqua	Top	0.000001422	Acqua
91	Terreno	Bottom	0.000001422	Statica
91	Acqua	Top	0.000001422	Acqua
92	Terreno	Bottom	0.000001422	Statica
92	Acqua	Top	0.000001422	Acqua
93	Terreno	Bottom	0.000001422	Statica
93	Acqua	Top	0.000001422	Acqua
94	Terreno	Bottom	0.000001422	Statica
94	Acqua	Top	0.000001422	Acqua
95	Terreno	Bottom	0.000001422	Statica
95	Acqua	Top	0.000001422	Acqua
96	Terreno	Bottom	0.000001422	Statica
96	Acqua	Top	0.000001422	Acqua
97	Terreno	Bottom	0.000001422	Statica
97	Acqua	Top	0.000001422	Acqua
98	Terreno	Bottom	0.000001422	Statica
98	Acqua	Top	0.000001422	Acqua
99	Terreno	Bottom	0.000001422	Statica
99	Acqua	Top	0.000001422	Acqua
100	Terreno	Bottom	0.000001422	Statica
100	Acqua	Top	0.000001422	Acqua
101	Terreno	Bottom	0.000001422	Statica
101	Acqua	Top	0.000001422	Acqua
102	Terreno	Bottom	0.000001422	Statica
102	Acqua	Top	0.000001422	Acqua
103	Terreno	Bottom	0.000001422	Statica
103	Acqua	Top	0.000001422	Acqua
104	Terreno	Bottom	0.000001422	Statica

104	Acqua	Top	0.000001422	Acqua
105	Acqua	Bottom	0.000001422	Acqua
105	Terreno	Top	0.000001422	Statica
105	Sis-Y	Top	0.000001422	Sis-scat
106	Acqua	Bottom	0.000001422	Acqua
106	Terreno	Top	0.000001422	Statica
106	Sis-Y	Top	0.000001422	Sis-scat
107	Acqua	Bottom	0.000001422	Acqua
107	Terreno	Top	0.000001422	Statica
107	Sis-Y	Top	0.000001422	Sis-scat
108	Acqua	Bottom	0.000001422	Acqua
108	Terreno	Top	0.000001422	Statica
108	Sis-Y	Top	0.000001422	Sis-scat
109	Acqua	Bottom	0.000001422	Acqua
109	Terreno	Top	0.000001422	Statica
109	Sis-Y	Top	0.000001422	Sis-scat
110	Acqua	Bottom	0.000001422	Acqua
110	Terreno	Top	0.000001422	Statica
110	Sis-Y	Top	0.000001422	Sis-scat
111	Acqua	Bottom	0.000001422	Acqua
111	Terreno	Top	0.000001422	Statica
111	Sis-Y	Top	0.000001422	Sis-scat
112	Acqua	Bottom	0.000001422	Acqua
112	Terreno	Top	0.000001422	Statica
112	Sis-Y	Top	0.000001422	Sis-scat
113	Acqua	Bottom	0.000001422	Acqua
113	Terreno	Top	0.000001422	Statica
113	Sis-Y	Top	0.000001422	Sis-scat
114	Acqua	Bottom	0.000001422	Acqua
114	Terreno	Top	0.000001422	Statica
114	Sis-Y	Top	0.000001422	Sis-scat
115	Acqua	Bottom	0.000001422	Acqua
115	Terreno	Top	0.000001422	Statica
115	Sis-Y	Top	0.000001422	Sis-scat
116	Acqua	Bottom	0.000001422	Acqua
116	Terreno	Top	0.000001422	Statica
116	Sis-Y	Top	0.000001422	Sis-scat
117	Acqua	Bottom	0.000001422	Acqua
117	Terreno	Top	0.000001422	Statica
117	Sis-Y	Top	0.000001422	Sis-scat

118	Acqua	Bottom	0.000001422	Acqua
118	Terreno	Top	0.000001422	Statica
118	Sis-Y	Top	0.000001422	Sis-scat
119	Acqua	Bottom	0.000001422	Acqua
119	Terreno	Top	0.000001422	Statica
119	Sis-Y	Top	0.000001422	Sis-scat
120	Acqua	Bottom	0.000001422	Acqua
120	Terreno	Top	0.000001422	Statica
120	Sis-Y	Top	0.000001422	Sis-scat
121	Acqua	Bottom	0.000001422	Acqua
121	Terreno	Top	0.000001422	Statica
121	Sis-Y	Top	0.000001422	Sis-scat
122	Acqua	Bottom	0.000001422	Acqua
122	Terreno	Top	0.000001422	Statica
122	Sis-Y	Top	0.000001422	Sis-scat
123	Acqua	Bottom	0.000001422	Acqua
123	Terreno	Top	0.000001422	Statica
123	Sis-Y	Top	0.000001422	Sis-scat
124	Acqua	Bottom	0.000001422	Acqua
124	Terreno	Top	0.000001422	Statica
124	Sis-Y	Top	0.000001422	Sis-scat
125	Acqua	Bottom	0.000001422	Acqua
125	Terreno	Top	0.000001422	Statica
125	Sis-Y	Top	0.000001422	Sis-scat
126	Acqua	Bottom	0.000001422	Acqua
126	Terreno	Top	0.000001422	Statica
126	Sis-Y	Top	0.000001422	Sis-scat
127	Acqua	Bottom	0.000001422	Acqua
127	Terreno	Top	0.000001422	Statica
127	Sis-Y	Top	0.000001422	Sis-scat
128	Acqua	Bottom	0.000001422	Acqua
128	Terreno	Top	0.000001422	Statica
128	Sis-Y	Top	0.000001422	Sis-scat
129	Acqua	Bottom	0.000001422	Acqua
129	Terreno	Top	0.000001422	Statica
129	Sis-Y	Top	0.000001422	Sis-scat
130	Acqua	Bottom	0.000001422	Acqua
130	Terreno	Top	0.000001422	Statica
130	Sis-Y	Top	0.000001422	Sis-scat
131	Acqua	Bottom	0.000001422	Acqua

131	Terreno	Top	0.000001422	Statica
131	Sis-Y	Top	0.000001422	Sis-scat
132	Acqua	Bottom	0.000001422	Acqua
132	Terreno	Top	0.000001422	Statica
132	Sis-Y	Top	0.000001422	Sis-scat
133	Acqua	Bottom	0.000001422	Acqua
133	Terreno	Top	0.000001422	Statica
133	Sis-Y	Top	0.000001422	Sis-scat
134	Acqua	Bottom	0.000001422	Acqua
134	Terreno	Top	0.000001422	Statica
134	Sis-Y	Top	0.000001422	Sis-scat
135	Acqua	Bottom	0.000001422	Acqua
135	Terreno	Top	0.000001422	Statica
135	Sis-Y	Top	0.000001422	Sis-scat
136	Acqua	Bottom	0.000001422	Acqua
136	Terreno	Top	0.000001422	Statica
136	Sis-Y	Top	0.000001422	Sis-scat
137	Acqua	Bottom	0.000001422	Acqua
137	Terreno	Top	0.000001422	Statica
137	Sis-Y	Top	0.000001422	Sis-scat
138	Acqua	Bottom	0.000001422	Acqua
138	Terreno	Top	0.000001422	Statica
138	Sis-Y	Top	0.000001422	Sis-scat
139	Acqua	Bottom	0.000001422	Acqua
139	Terreno	Top	0.000001422	Statica
139	Sis-Y	Top	0.000001422	Sis-scat
140	Acqua	Bottom	0.000001422	Acqua
140	Terreno	Top	0.000001422	Statica
140	Sis-Y	Top	0.000001422	Sis-scat
141	Acqua	Bottom	0.000001422	Acqua
141	Terreno	Top	0.000001422	Statica
141	Sis-Y	Top	0.000001422	Sis-scat
142	Acqua	Bottom	0.000001422	Acqua
142	Terreno	Top	0.000001422	Statica
142	Sis-Y	Top	0.000001422	Sis-scat
143	Acqua	Bottom	0.000001422	Acqua
143	Terreno	Top	0.000001422	Statica
143	Sis-Y	Top	0.000001422	Sis-scat
144	Acqua	Bottom	0.000001422	Acqua
144	Terreno	Top	0.000001422	Statica

144	Sis-Y	Top	0.000001422	Sis-scat
145	Acqua	Bottom	0.000001422	Acqua
145	Terreno	Top	0.000001422	Statica
145	Sis-Y	Top	0.000001422	Sis-scat
146	Acqua	Bottom	0.000001422	Acqua
146	Terreno	Top	0.000001422	Statica
146	Sis-Y	Top	0.000001422	Sis-scat
147	Acqua	Bottom	0.000001422	Acqua
147	Terreno	Top	0.000001422	Statica
147	Sis-Y	Top	0.000001422	Sis-scat
148	Acqua	Bottom	0.000001422	Acqua
148	Terreno	Top	0.000001422	Statica
148	Sis-Y	Top	0.000001422	Sis-scat
149	Acqua	Bottom	0.000001422	Acqua
149	Terreno	Top	0.000001422	Statica
149	Sis-Y	Top	0.000001422	Sis-scat
150	Acqua	Bottom	0.000001422	Acqua
150	Terreno	Top	0.000001422	Statica
150	Sis-Y	Top	0.000001422	Sis-scat
151	Acqua	Bottom	0.000001422	Acqua
151	Terreno	Top	0.000001422	Statica
151	Sis-Y	Top	0.000001422	Sis-scat
152	Acqua	Bottom	0.000001422	Acqua
152	Terreno	Top	0.000001422	Statica
152	Sis-Y	Top	0.000001422	Sis-scat
153	Acqua	Bottom	0.000001422	Acqua
153	Terreno	Top	0.000001422	Statica
153	Sis-Y	Top	0.000001422	Sis-scat
154	Acqua	Bottom	0.000001422	Acqua
154	Terreno	Top	0.000001422	Statica
154	Sis-Y	Top	0.000001422	Sis-scat
155	Acqua	Bottom	0.000001422	Acqua
155	Terreno	Top	0.000001422	Statica
155	Sis-Y	Top	0.000001422	Sis-scat
156	Acqua	Bottom	0.000001422	Acqua
156	Terreno	Top	0.000001422	Statica
156	Sis-Y	Top	0.000001422	Sis-scat
157	Acqua	Bottom	0.000001422	Acqua
157	Terreno	Top	0.000001422	Statica
157	Sis-Y	Top	0.000001422	Sis-scat

158	Acqua	Bottom	0.000001422	Acqua
158	Terreno	Top	0.000001422	Statica
158	Sis-Y	Top	0.000001422	Sis-scat
159	Acqua	Bottom	0.000001422	Acqua
159	Terreno	Top	0.000001422	Statica
159	Sis-Y	Top	0.000001422	Sis-scat
160	Acqua	Bottom	0.000001422	Acqua
160	Terreno	Top	0.000001422	Statica
160	Sis-Y	Top	0.000001422	Sis-scat
161	Acqua	Bottom	0.000001422	Acqua
161	Terreno	Top	0.000001422	Statica
161	Sis-Y	Top	0.000001422	Sis-scat
162	Acqua	Bottom	0.000001422	Acqua
162	Terreno	Top	0.000001422	Statica
162	Sis-Y	Top	0.000001422	Sis-scat
163	Acqua	Bottom	0.000001422	Acqua
163	Terreno	Top	0.000001422	Statica
163	Sis-Y	Top	0.000001422	Sis-scat
164	Acqua	Bottom	0.000001422	Acqua
164	Terreno	Top	0.000001422	Statica
164	Sis-Y	Top	0.000001422	Sis-scat
165	Acqua	Bottom	0.000001422	Acqua
165	Terreno	Top	0.000001422	Statica
165	Sis-Y	Top	0.000001422	Sis-scat
166	Acqua	Bottom	0.000001422	Acqua
166	Terreno	Top	0.000001422	Statica
166	Sis-Y	Top	0.000001422	Sis-scat
167	Acqua	Bottom	0.000001422	Acqua
167	Terreno	Top	0.000001422	Statica
167	Sis-Y	Top	0.000001422	Sis-scat
168	Acqua	Bottom	0.000001422	Acqua
168	Terreno	Top	0.000001422	Statica
168	Sis-Y	Top	0.000001422	Sis-scat
169	Acqua	Bottom	0.000001422	Acqua
169	Terreno	Top	0.000001422	Statica
169	Sis-Y	Top	0.000001422	Sis-scat
170	Acqua	Bottom	0.000001422	Acqua
170	Terreno	Top	0.000001422	Statica
170	Sis-Y	Top	0.000001422	Sis-scat
171	Acqua	Bottom	0.000001422	Acqua

171	Terreno	Top	0.000001422	Statica
171	Sis-Y	Top	0.000001422	Sis-scat
172	Acqua	Bottom	0.000001422	Acqua
172	Terreno	Top	0.000001422	Statica
172	Sis-Y	Top	0.000001422	Sis-scat
173	Acqua	Bottom	0.000001422	Acqua
173	Terreno	Top	0.000001422	Statica
173	Sis-Y	Top	0.000001422	Sis-scat
174	Acqua	Bottom	0.000001422	Acqua
174	Terreno	Top	0.000001422	Statica
174	Sis-Y	Top	0.000001422	Sis-scat
175	Acqua	Bottom	0.000001422	Acqua
175	Terreno	Top	0.000001422	Statica
175	Sis-Y	Top	0.000001422	Sis-scat
176	Acqua	Bottom	0.000001422	Acqua
176	Terreno	Top	0.000001422	Statica
176	Sis-Y	Top	0.000001422	Sis-scat
177	Acqua	Bottom	0.000001422	Acqua
177	Terreno	Top	0.000001422	Statica
177	Sis-Y	Top	0.000001422	Sis-scat
178	Acqua	Bottom	0.000001422	Acqua
178	Terreno	Top	0.000001422	Statica
178	Sis-Y	Top	0.000001422	Sis-scat
179	Acqua	Bottom	0.000001422	Acqua
179	Terreno	Top	0.000001422	Statica
179	Sis-Y	Top	0.000001422	Sis-scat
180	Acqua	Bottom	0.000001422	Acqua
180	Terreno	Top	0.000001422	Statica
180	Sis-Y	Top	0.000001422	Sis-scat
181	Acqua	Bottom	0.000001422	Acqua
181	Terreno	Top	0.000001422	Statica
181	Sis-Y	Top	0.000001422	Sis-scat
182	Acqua	Bottom	0.000001422	Acqua
182	Terreno	Top	0.000001422	Statica
182	Sis-Y	Top	0.000001422	Sis-scat
183	Acqua	Bottom	0.000001422	Acqua
183	Terreno	Top	0.000001422	Statica
183	Sis-Y	Top	0.000001422	Sis-scat
184	Acqua	Bottom	0.000001422	Acqua
184	Terreno	Top	0.000001422	Statica

184	Sis-Y	Top	0.000001422	Sis-scat
185	Acqua	Bottom	0.000001422	Acqua
185	Terreno	Top	0.000001422	Statica
185	Sis-Y	Top	0.000001422	Sis-scat
186	Acqua	Bottom	0.000001422	Acqua
186	Terreno	Top	0.000001422	Statica
186	Sis-Y	Top	0.000001422	Sis-scat
187	Acqua	Bottom	0.000001422	Acqua
187	Terreno	Top	0.000001422	Statica
187	Sis-Y	Top	0.000001422	Sis-scat
188	Acqua	Bottom	0.000001422	Acqua
188	Terreno	Top	0.000001422	Statica
188	Sis-Y	Top	0.000001422	Sis-scat
189	Acqua	Bottom	0.000001422	Acqua
189	Terreno	Top	0.000001422	Statica
189	Sis-Y	Top	0.000001422	Sis-scat
190	Acqua	Bottom	0.000001422	Acqua
190	Terreno	Top	0.000001422	Statica
190	Sis-Y	Top	0.000001422	Sis-scat
191	Acqua	Bottom	0.000001422	Acqua
191	Terreno	Top	0.000001422	Statica
191	Sis-Y	Top	0.000001422	Sis-scat
192	Acqua	Bottom	0.000001422	Acqua
192	Terreno	Top	0.000001422	Statica
192	Sis-Y	Top	0.000001422	Sis-scat
193	Acqua	Bottom	0.000001422	Acqua
193	Terreno	Top	0.000001422	Statica
193	Sis-Y	Top	0.000001422	Sis-scat
194	Acqua	Bottom	0.000001422	Acqua
194	Terreno	Top	0.000001422	Statica
194	Sis-Y	Top	0.000001422	Sis-scat
195	Acqua	Bottom	0.000001422	Acqua
195	Terreno	Top	0.000001422	Statica
195	Sis-Y	Top	0.000001422	Sis-scat
196	Acqua	Bottom	0.000001422	Acqua
196	Terreno	Top	0.000001422	Statica
196	Sis-Y	Top	0.000001422	Sis-scat
197	Acqua	Bottom	0.000001422	Acqua
197	Terreno	Top	0.000001422	Statica
197	Sis-Y	Top	0.000001422	Sis-scat

198	Acqua	Bottom	0.000001422	Acqua
198	Terreno	Top	0.000001422	Statica
198	Sis-Y	Top	0.000001422	Sis-scat
199	Acqua	Bottom	0.000001422	Acqua
199	Terreno	Top	0.000001422	Statica
199	Sis-Y	Top	0.000001422	Sis-scat
200	Acqua	Bottom	0.000001422	Acqua
200	Terreno	Top	0.000001422	Statica
200	Sis-Y	Top	0.000001422	Sis-scat
201	Acqua	Bottom	0.000001422	Acqua
201	Terreno	Top	0.000001422	Statica
201	Sis-Y	Top	0.000001422	Sis-scat
202	Acqua	Bottom	0.000001422	Acqua
202	Terreno	Top	0.000001422	Statica
202	Sis-Y	Top	0.000001422	Sis-scat
819	Terreno	Bottom	0.000001422	Statica
820	Terreno	Bottom	0.000001422	Statica
821	Terreno	Bottom	0.000001422	Statica
822	Terreno	Bottom	0.000001422	Statica
823	Terreno	Bottom	0.000001422	Statica
824	Terreno	Bottom	0.000001422	Statica
825	Terreno	Bottom	0.000001422	Statica
826	Terreno	Bottom	0.000001422	Statica
827	Terreno	Bottom	0.000001422	Statica
828	Terreno	Bottom	0.000001422	Statica
829	Terreno	Bottom	0.000001422	Statica
830	Terreno	Bottom	0.000001422	Statica
831	Terreno	Bottom	0.000001422	Statica
832	Terreno	Bottom	0.000001422	Statica
833	Terreno	Bottom	0.000001422	Statica
834	Terreno	Bottom	0.000001422	Statica
835	Terreno	Bottom	0.000001422	Statica
836	Terreno	Bottom	0.000001422	Statica
837	Terreno	Bottom	0.000001422	Statica
838	Terreno	Bottom	0.000001422	Statica
839	Terreno	Bottom	0.000001422	Statica
840	Terreno	Bottom	0.000001422	Statica
841	Terreno	Bottom	0.000001422	Statica
842	Terreno	Bottom	0.000001422	Statica
843	Terreno	Bottom	0.000001422	Statica

844	Terreno	Bottom	0.000001422	Statica
845	Terreno	Bottom	0.000001422	Statica
846	Terreno	Bottom	0.000001422	Statica
847	Terreno	Bottom	0.000001422	Statica
848	Terreno	Bottom	0.000001422	Statica
849	Terreno	Bottom	0.000001422	Statica
850	Terreno	Bottom	0.000001422	Statica
851	Terreno	Bottom	0.000001422	Statica
852	Terreno	Bottom	0.000001422	Statica
853	Terreno	Bottom	0.000001422	Statica
854	Terreno	Bottom	0.000001422	Statica
855	Terreno	Bottom	0.000001422	Statica
856	Terreno	Bottom	0.000001422	Statica
857	Terreno	Bottom	0.000001422	Statica
858	Terreno	Bottom	0.000001422	Statica
859	Terreno	Bottom	0.000001422	Statica
860	Terreno	Bottom	0.000001422	Statica
861	Terreno	Bottom	0.000001422	Statica
862	Terreno	Bottom	0.000001422	Statica
863	Terreno	Top	0.000001422	Statica
863	Sis-X	Top	0.000001422	Sis-muro
864	Terreno	Top	0.000001422	Statica
864	Sis-X	Top	0.000001422	Sis-muro
865	Terreno	Top	0.000001422	Statica
865	Sis-X	Top	0.000001422	Sis-muro
866	Terreno	Top	0.000001422	Statica
866	Sis-X	Top	0.000001422	Sis-muro
867	Terreno	Top	0.000001422	Statica
867	Sis-X	Top	0.000001422	Sis-muro
868	Terreno	Top	0.000001422	Statica
868	Sis-X	Top	0.000001422	Sis-muro
869	Terreno	Top	0.000001422	Statica
869	Sis-X	Top	0.000001422	Sis-muro
870	Terreno	Top	0.000001422	Statica
870	Sis-X	Top	0.000001422	Sis-muro
871	Terreno	Top	0.000001422	Statica
871	Sis-X	Top	0.000001422	Sis-muro
872	Terreno	Top	0.000001422	Statica
872	Sis-X	Top	0.000001422	Sis-muro
873	Terreno	Top	0.000001422	Statica

873	Sis-X	Top	0.000001422	Sis-muro
874	Terreno	Top	0.000001422	Statica
874	Sis-X	Top	0.000001422	Sis-muro
875	Terreno	Top	0.000001422	Statica
875	Sis-X	Top	0.000001422	Sis-muro
876	Terreno	Top	0.000001422	Statica
876	Sis-X	Top	0.000001422	Sis-muro
877	Terreno	Top	0.000001422	Statica
877	Sis-X	Top	0.000001422	Sis-muro
878	Terreno	Top	0.000001422	Statica
878	Sis-X	Top	0.000001422	Sis-muro
879	Terreno	Top	0.000001422	Statica
879	Sis-X	Top	0.000001422	Sis-muro
880	Terreno	Top	0.000001422	Statica
880	Sis-X	Top	0.000001422	Sis-muro
881	Terreno	Top	0.000001422	Statica
881	Sis-X	Top	0.000001422	Sis-muro
882	Terreno	Top	0.000001422	Statica
882	Sis-X	Top	0.000001422	Sis-muro
883	Terreno	Top	0.000001422	Statica
883	Sis-X	Top	0.000001422	Sis-muro
884	Terreno	Top	0.000001422	Statica
884	Sis-X	Top	0.000001422	Sis-muro
885	Terreno	Top	0.000001422	Statica
885	Sis-X	Top	0.000001422	Sis-muro
886	Terreno	Top	0.000001422	Statica
886	Sis-X	Top	0.000001422	Sis-muro
887	Terreno	Top	0.000001422	Statica
887	Sis-X	Top	0.000001422	Sis-muro
888	Terreno	Top	0.000001422	Statica
888	Sis-X	Top	0.000001422	Sis-muro
889	Terreno	Top	0.000001422	Statica
889	Sis-X	Top	0.000001422	Sis-muro
890	Terreno	Top	0.000001422	Statica
890	Sis-X	Top	0.000001422	Sis-muro
891	Terreno	Top	0.000001422	Statica
891	Sis-X	Top	0.000001422	Sis-muro
892	Terreno	Top	0.000001422	Statica
892	Sis-X	Top	0.000001422	Sis-muro
893	Terreno	Top	0.000001422	Statica

893	Sis-X	Top	0.000001422	Sis-muro
894	Terreno	Top	0.000001422	Statica
894	Sis-X	Top	0.000001422	Sis-muro
895	Terreno	Top	0.000001422	Statica
895	Sis-X	Top	0.000001422	Sis-muro
896	Terreno	Top	0.000001422	Statica
896	Sis-X	Top	0.000001422	Sis-muro
897	Terreno	Top	0.000001422	Statica
897	Sis-X	Top	0.000001422	Sis-muro
898	Terreno	Top	0.000001422	Statica
898	Sis-X	Top	0.000001422	Sis-muro
899	Terreno	Top	0.000001422	Statica
899	Sis-X	Top	0.000001422	Sis-muro
900	Terreno	Top	0.000001422	Statica
900	Sis-X	Top	0.000001422	Sis-muro
901	Terreno	Top	0.000001422	Statica
901	Sis-X	Top	0.000001422	Sis-muro
902	Terreno	Top	0.000001422	Statica
902	Sis-X	Top	0.000001422	Sis-muro
903	Terreno	Top	0.000001422	Statica
903	Sis-X	Top	0.000001422	Sis-muro
904	Terreno	Top	0.000001422	Statica
904	Sis-X	Top	0.000001422	Sis-muro
905	Terreno	Top	0.000001422	Statica
905	Sis-X	Top	0.000001422	Sis-muro
906	Terreno	Top	0.000001422	Statica
906	Sis-X	Top	0.000001422	Sis-muro

COMBINATION DEFINITIONS

Combo Name	Combo Type	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign	ConcDesign	AlumDesign	ColdDesign	GUID	Notes
COMB1	Linear Add	No	Linear Static	PP	1	No	No	No	No		
COMB1			Linear Static	Terreno	1						
COMB2	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB2			Linear Static	Acc-sx	1						

COMB3	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB3			Linear Static	Acc-cx	1						
COMB4	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB4			Linear Static	Acc-dx	1						
COMB5	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB5			Linear Static	Acc-sx	1						
COMB5			Linear Static	Acc-cx	1						
COMB5			Linear Static	Acc-dx	1						
COMB5			Linear Static	Acqua	1						
COMB6	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB6			Linear Static	Sis-X	1						
COMB7	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB7			Linear Static	Sis-Y	1						
COMB8	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB8			Linear Static	Sis-Z	1						
COMB9	Linear Add	No	Response Combo	COMB1	1	No	No	No	No		
COMB9			Linear Static	Acc-cx	1						
COMB9			Linear Static	Urto	1						
COMB10	Envelope	No	Response Combo	COMB1	1	No	No	No	No		
COMB10			Response Combo	COMB2	1						
COMB10			Response	COMB3	1						

			Combo								
COMB10			Response Combo	COMB4	1						
COMB10			Response Combo	COMB5	1						
COMB10			Response Combo	COMB6	1						
COMB10			Response Combo	COMB7	1						
COMB10			Response Combo	COMB8	1						
COMB10			Response Combo	COMB9	1						

ANALYSIS CASE DEFINITIONS

Case	Type	InitialCond	ModalCase	RunCase	GUID	Notes
PP	LinStatic	Zero		Yes		
MODAL	LinModal	Zero		No		
Terreno	LinStatic	Zero		Yes		
Acc-sx	LinStatic	Zero		Yes		
Acc-cx	LinStatic	Zero		Yes		
Acc-dx	LinStatic	Zero		Yes		
Sis-X	LinStatic	Zero		Yes		
Sis-Y	LinStatic	Zero		Yes		
Sis-Z	LinStatic	Zero		Yes		
Urto	LinStatic	Zero		Yes		
Acqua	LinStatic	Zero		Yes		

Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
49	43	Shell-Thin	59	PP	LinStatic	-0.0527	-0.4416	0.0054
49	43	Shell-Thin	67	PP	LinStatic	-0.0527	-0.4413	4.260E-04
49	43	Shell-Thin	68	PP	LinStatic	-0.0762	-0.4460	0.0033
49	43	Shell-Thin	60	PP	LinStatic	-0.0762	-0.4463	0.0083
49	43	Shell-Thin	59	Terreno	LinStatic	0.0080	-0.5580	-0.0012
49	43	Shell-Thin	67	Terreno	LinStatic	0.0078	-0.5588	-9.117E-05

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
49	43	Shell-Thin	68	Terreno	LinStatic	-0.0270	-0.5657	5.934E-04
49	43	Shell-Thin	60	Terreno	LinStatic	-0.0268	-0.5650	-5.174E-04
49	43	Shell-Thin	59	Acc-sx	LinStatic	-4.981E-04	-0.0259	-2.433E-04
49	43	Shell-Thin	67	Acc-sx	LinStatic	-5.180E-04	-0.0260	-7.830E-06
49	43	Shell-Thin	68	Acc-sx	LinStatic	7.922E-04	-0.0258	-1.394E-04
49	43	Shell-Thin	60	Acc-sx	LinStatic	8.121E-04	-0.0257	-3.749E-04
49	43	Shell-Thin	59	Acc-cx	LinStatic	-0.0564	-0.2743	0.0058
49	43	Shell-Thin	67	Acc-cx	LinStatic	-0.0564	-0.2738	4.263E-04
49	43	Shell-Thin	68	Acc-cx	LinStatic	-0.0611	-0.2748	0.0022
49	43	Shell-Thin	60	Acc-cx	LinStatic	-0.0612	-0.2752	0.0076
49	43	Shell-Thin	59	Acc-dx	LinStatic	0.0105	0.0249	5.815E-04
49	43	Shell-Thin	67	Acc-dx	LinStatic	0.0105	0.0250	3.242E-05
49	43	Shell-Thin	68	Acc-dx	LinStatic	0.0088	0.0247	2.707E-04
49	43	Shell-Thin	60	Acc-dx	LinStatic	0.0088	0.0246	8.198E-04
49	43	Shell-Thin	59	Sis-X	LinStatic	-0.0197	-5.566E-04	0.0061
49	43	Shell-Thin	67	Sis-X	LinStatic	-0.0202	-0.0031	0.0095
49	43	Shell-Thin	68	Sis-X	LinStatic	-8.963E-04	8.140E-04	0.0136
49	43	Shell-Thin	60	Sis-X	LinStatic	-3.970E-04	0.0033	0.0102
49	43	Shell-Thin	59	Sis-Y	LinStatic	-2.794E-04	-0.0067	-6.867E-05
49	43	Shell-Thin	67	Sis-Y	LinStatic	-2.843E-04	-0.0067	-2.411E-06
49	43	Shell-Thin	68	Sis-Y	LinStatic	7.171E-05	-0.0067	-3.467E-05
49	43	Shell-Thin	60	Sis-Y	LinStatic	7.660E-05	-0.0066	-1.009E-04
49	43	Shell-Thin	59	Sis-Z	LinStatic	-0.0060	-0.0977	2.595E-04
49	43	Shell-Thin	67	Sis-Z	LinStatic	-0.0060	-0.0978	2.166E-05
49	43	Shell-Thin	68	Sis-Z	LinStatic	-0.0119	-0.0989	3.565E-04
49	43	Shell-Thin	60	Sis-Z	LinStatic	-0.0119	-0.0989	5.943E-04
49	43	Shell-Thin	59	Urto	LinStatic	-0.0917	8.154E-04	0.0258
49	43	Shell-Thin	67	Urto	LinStatic	-0.0939	-0.0102	0.0386
49	43	Shell-Thin	68	Urto	LinStatic	-0.0156	0.0054	0.0563
49	43	Shell-Thin	60	Urto	LinStatic	-0.0134	0.0165	0.0435
49	43	Shell-Thin	59	Acqua	LinStatic	0.0087	0.0319	-0.0021
49	43	Shell-Thin	67	Acqua	LinStatic	0.0087	0.0321	-1.232E-04
49	43	Shell-Thin	68	Acqua	LinStatic	-0.0023	0.0298	-8.611E-04
49	43	Shell-Thin	60	Acqua	LinStatic	-0.0023	0.0297	-0.0029
52	46	Shell-Thin	62	PP	LinStatic	-0.0960	-0.3108	0.0062
52	46	Shell-Thin	70	PP	LinStatic	-0.0956	-0.3086	0.0031
52	46	Shell-Thin	71	PP	LinStatic	-0.1066	-0.3108	-3.765E-04
52	46	Shell-Thin	63	PP	LinStatic	-0.1070	-0.3130	0.0028
52	46	Shell-Thin	62	Terreno	LinStatic	-0.0847	-0.5696	-0.0032
52	46	Shell-Thin	70	Terreno	LinStatic	-0.0845	-0.5687	2.434E-04
52	46	Shell-Thin	71	Terreno	LinStatic	-0.1057	-0.5729	-0.0042
52	46	Shell-Thin	63	Terreno	LinStatic	-0.1059	-0.5738	-0.0076
52	46	Shell-Thin	62	Acc-sx	LinStatic	-2.103E-04	-0.0255	-1.143E-04
52	46	Shell-Thin	70	Acc-sx	LinStatic	-2.562E-04	-0.0257	-1.441E-04
52	46	Shell-Thin	71	Acc-sx	LinStatic	-0.0010	-0.0259	2.850E-04
52	46	Shell-Thin	63	Acc-sx	LinStatic	-9.864E-04	-0.0257	3.148E-04
52	46	Shell-Thin	62	Acc-cx	LinStatic	-0.0650	-0.2537	9.957E-04
52	46	Shell-Thin	70	Acc-cx	LinStatic	-0.0658	-0.2575	4.946E-04
52	46	Shell-Thin	71	Acc-cx	LinStatic	-0.0579	-0.2559	-6.827E-04
52	46	Shell-Thin	63	Acc-cx	LinStatic	-0.0571	-0.2521	-1.815E-04
52	46	Shell-Thin	62	Acc-dx	LinStatic	0.0100	0.0254	2.785E-04
52	46	Shell-Thin	70	Acc-dx	LinStatic	0.0100	0.0258	2.140E-04
52	46	Shell-Thin	71	Acc-dx	LinStatic	0.0114	0.0261	-2.072E-04
52	46	Shell-Thin	63	Acc-dx	LinStatic	0.0114	0.0257	-1.428E-04

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
52	46	Shell-Thin	62	Sis-X	LinStatic	-6.033E-04	0.0015	0.0087
52	46	Shell-Thin	70	Sis-X	LinStatic	-5.074E-04	0.0020	0.0082
52	46	Shell-Thin	71	Sis-X	LinStatic	8.316E-04	0.0022	0.0086
52	46	Shell-Thin	63	Sis-X	LinStatic	7.357E-04	0.0017	0.0090
52	46	Shell-Thin	62	Sis-Y	LinStatic	-1.705E-04	-0.0066	-1.971E-05
52	46	Shell-Thin	70	Sis-Y	LinStatic	-1.814E-04	-0.0067	-3.156E-05
52	46	Shell-Thin	71	Sis-Y	LinStatic	-3.838E-04	-0.0067	7.018E-05
52	46	Shell-Thin	63	Sis-Y	LinStatic	-3.729E-04	-0.0066	8.203E-05
52	46	Shell-Thin	62	Sis-Z	LinStatic	-0.0201	-0.0865	4.241E-04
52	46	Shell-Thin	70	Sis-Z	LinStatic	-0.0200	-0.0860	3.808E-04
52	46	Shell-Thin	71	Sis-Z	LinStatic	-0.0239	-0.0868	-4.328E-04
52	46	Shell-Thin	63	Sis-Z	LinStatic	-0.0240	-0.0872	-3.895E-04
52	46	Shell-Thin	62	Urto	LinStatic	-0.0101	0.0128	0.0450
52	46	Shell-Thin	70	Urto	LinStatic	-0.0093	0.0172	0.0426
52	46	Shell-Thin	71	Urto	LinStatic	-5.306E-04	0.0190	0.0461
52	46	Shell-Thin	63	Urto	LinStatic	-0.0014	0.0146	0.0485
52	46	Shell-Thin	62	Acqua	LinStatic	-0.0206	0.0191	-0.0040
52	46	Shell-Thin	70	Acqua	LinStatic	-0.0206	0.0191	-0.0012
52	46	Shell-Thin	71	Acqua	LinStatic	-0.0251	0.0182	-0.0015
52	46	Shell-Thin	63	Acqua	LinStatic	-0.0251	0.0182	-0.0043
55	49	Shell-Thin	65	PP	LinStatic	-0.0789	-0.2039	-0.0025
55	49	Shell-Thin	73	PP	LinStatic	-0.0795	-0.2067	-0.0015
55	49	Shell-Thin	74	PP	LinStatic	-0.0746	-0.2057	-1.654E-04
55	49	Shell-Thin	66	PP	LinStatic	-0.0741	-0.2029	-0.0012
55	49	Shell-Thin	65	Terreno	LinStatic	-0.1503	-0.5952	-0.0103
55	49	Shell-Thin	73	Terreno	LinStatic	-0.1517	-0.6022	-0.0042
55	49	Shell-Thin	74	Terreno	LinStatic	-0.1874	-0.6093	-4.898E-04
55	49	Shell-Thin	66	Terreno	LinStatic	-0.1860	-0.6024	-0.0065
55	49	Shell-Thin	65	Acc-sx	LinStatic	-6.960E-04	-0.0256	2.422E-04
55	49	Shell-Thin	73	Acc-sx	LinStatic	-6.033E-04	-0.0251	1.735E-04
55	49	Shell-Thin	74	Acc-sx	LinStatic	1.350E-04	-0.0250	-1.326E-05
55	49	Shell-Thin	66	Acc-sx	LinStatic	4.233E-05	-0.0255	5.537E-05
55	49	Shell-Thin	65	Acc-cx	LinStatic	-0.0296	-0.2747	-0.0099
55	49	Shell-Thin	73	Acc-cx	LinStatic	-0.0308	-0.2802	-0.0030
55	49	Shell-Thin	74	Acc-cx	LinStatic	-0.0260	-0.2793	-5.498E-04
55	49	Shell-Thin	66	Acc-cx	LinStatic	-0.0248	-0.2737	-0.0074
55	49	Shell-Thin	65	Acc-dx	LinStatic	0.0143	0.0254	-4.236E-04
55	49	Shell-Thin	73	Acc-dx	LinStatic	0.0143	0.0252	-1.794E-04
55	49	Shell-Thin	74	Acc-dx	LinStatic	0.0168	0.0257	4.123E-06
55	49	Shell-Thin	66	Acc-dx	LinStatic	0.0168	0.0259	-2.401E-04
55	49	Shell-Thin	65	Sis-X	LinStatic	0.0035	9.779E-04	0.0101
55	49	Shell-Thin	73	Sis-X	LinStatic	0.0036	0.0014	0.0104
55	49	Shell-Thin	74	Sis-X	LinStatic	0.0048	0.0016	0.0063
55	49	Shell-Thin	66	Sis-X	LinStatic	0.0047	0.0012	0.0060
55	49	Shell-Thin	65	Sis-Y	LinStatic	-3.277E-04	-0.0066	6.541E-05
55	49	Shell-Thin	73	Sis-Y	LinStatic	-3.063E-04	-0.0065	4.334E-05
55	49	Shell-Thin	74	Sis-Y	LinStatic	-1.478E-04	-0.0065	-3.001E-06
55	49	Shell-Thin	66	Sis-Y	LinStatic	-1.692E-04	-0.0066	1.907E-05
55	49	Shell-Thin	65	Sis-Z	LinStatic	-0.0273	-0.0776	-8.497E-04
55	49	Shell-Thin	73	Sis-Z	LinStatic	-0.0275	-0.0785	-4.660E-04
55	49	Shell-Thin	74	Sis-Z	LinStatic	-0.0314	-0.0793	-4.301E-05
55	49	Shell-Thin	66	Sis-Z	LinStatic	-0.0312	-0.0784	-4.267E-04
55	49	Shell-Thin	65	Urto	LinStatic	0.0179	0.0091	0.0564
55	49	Shell-Thin	73	Urto	LinStatic	0.0189	0.0140	0.0576

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
55	49	Shell-Thin	74	Urto	LinStatic	0.0264	0.0155	0.0347
55	49	Shell-Thin	66	Urto	LinStatic	0.0254	0.0106	0.0336
55	49	Shell-Thin	65	Acqua	LinStatic	-0.0352	0.0029	-0.0041
55	49	Shell-Thin	73	Acqua	LinStatic	-0.0353	0.0027	-0.0014
55	49	Shell-Thin	74	Acqua	LinStatic	-0.0431	0.0012	-2.136E-04
55	49	Shell-Thin	66	Acqua	LinStatic	-0.0430	0.0014	-0.0029
147	141	Shell-Thin	175	PP	LinStatic	-0.0509	-0.4414	0.0055
147	141	Shell-Thin	183	PP	LinStatic	-0.0508	-0.4412	4.330E-04
147	141	Shell-Thin	184	PP	LinStatic	-0.0750	-0.4460	0.0034
147	141	Shell-Thin	176	PP	LinStatic	-0.0750	-0.4463	0.0085
147	141	Shell-Thin	175	Terreno	LinStatic	0.0122	-0.5577	-9.217E-04
147	141	Shell-Thin	183	Terreno	LinStatic	0.0121	-0.5585	-7.483E-05
147	141	Shell-Thin	184	Terreno	LinStatic	-0.0244	-0.5658	6.677E-04
147	141	Shell-Thin	176	Terreno	LinStatic	-0.0242	-0.5650	-1.792E-04
147	141	Shell-Thin	175	Acc-sx	LinStatic	0.0113	0.0250	6.484E-04
147	141	Shell-Thin	183	Acc-sx	LinStatic	0.0113	0.0251	3.635E-05
147	141	Shell-Thin	184	Acc-sx	LinStatic	0.0093	0.0247	2.865E-04
147	141	Shell-Thin	176	Acc-sx	LinStatic	0.0093	0.0246	8.986E-04
147	141	Shell-Thin	175	Acc-cx	LinStatic	-0.0561	-0.2742	0.0058
147	141	Shell-Thin	183	Acc-cx	LinStatic	-0.0560	-0.2738	4.276E-04
147	141	Shell-Thin	184	Acc-cx	LinStatic	-0.0609	-0.2748	0.0022
147	141	Shell-Thin	176	Acc-cx	LinStatic	-0.0610	-0.2752	0.0077
147	141	Shell-Thin	175	Acc-dx	LinStatic	-0.0018	-0.0260	-3.419E-04
147	141	Shell-Thin	183	Acc-dx	LinStatic	-0.0018	-0.0261	-1.363E-05
147	141	Shell-Thin	184	Acc-dx	LinStatic	1.790E-05	-0.0258	-1.638E-04
147	141	Shell-Thin	176	Acc-dx	LinStatic	3.614E-05	-0.0257	-4.921E-04
147	141	Shell-Thin	175	Sis-X	LinStatic	-0.0207	-6.798E-04	0.0061
147	141	Shell-Thin	183	Sis-X	LinStatic	-0.0212	-0.0032	0.0097
147	141	Shell-Thin	184	Sis-X	LinStatic	-9.371E-04	8.271E-04	0.0139
147	141	Shell-Thin	176	Sis-X	LinStatic	-4.296E-04	0.0034	0.0102
147	141	Shell-Thin	175	Sis-Y	LinStatic	0.0017	0.0065	1.302E-04
147	141	Shell-Thin	183	Sis-Y	LinStatic	0.0017	0.0065	7.016E-06
147	141	Shell-Thin	184	Sis-Y	LinStatic	0.0014	0.0065	5.779E-05
147	141	Shell-Thin	176	Sis-Y	LinStatic	0.0014	0.0064	1.809E-04
147	141	Shell-Thin	175	Sis-Z	LinStatic	-0.0053	-0.0977	3.067E-04
147	141	Shell-Thin	183	Sis-Z	LinStatic	-0.0053	-0.0977	2.442E-05
147	141	Shell-Thin	184	Sis-Z	LinStatic	-0.0114	-0.0990	3.690E-04
147	141	Shell-Thin	176	Sis-Z	LinStatic	-0.0114	-0.0989	6.513E-04
147	141	Shell-Thin	175	Urto	LinStatic	-0.0964	2.285E-04	0.0259
147	141	Shell-Thin	183	Urto	LinStatic	-0.0987	-0.0110	0.0395
147	141	Shell-Thin	184	Urto	LinStatic	-0.0162	0.0055	0.0574
147	141	Shell-Thin	176	Urto	LinStatic	-0.0139	0.0167	0.0438
147	141	Shell-Thin	175	Acqua	LinStatic	0.0117	0.0321	-0.0019
147	141	Shell-Thin	183	Acqua	LinStatic	0.0117	0.0322	-1.118E-04
147	141	Shell-Thin	184	Acqua	LinStatic	-4.256E-04	0.0298	-8.089E-04
147	141	Shell-Thin	176	Acqua	LinStatic	-4.592E-04	0.0296	-0.0026
150	144	Shell-Thin	178	PP	LinStatic	-0.0956	-0.3106	0.0062
150	144	Shell-Thin	186	PP	LinStatic	-0.0951	-0.3084	0.0031
150	144	Shell-Thin	187	PP	LinStatic	-0.1064	-0.3106	-3.868E-04
150	144	Shell-Thin	179	PP	LinStatic	-0.1068	-0.3128	0.0027
150	144	Shell-Thin	178	Terreno	LinStatic	-0.0837	-0.5691	-0.0033
150	144	Shell-Thin	186	Terreno	LinStatic	-0.0835	-0.5682	2.335E-04
150	144	Shell-Thin	187	Terreno	LinStatic	-0.1052	-0.5725	-0.0042
150	144	Shell-Thin	179	Terreno	LinStatic	-0.1054	-0.5735	-0.0077

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
150	144	Shell-Thin	178	Acc-sx	LinStatic	0.0101	0.0255	2.616E-04
150	144	Shell-Thin	186	Acc-sx	LinStatic	0.0102	0.0259	2.087E-04
150	144	Shell-Thin	187	Acc-sx	LinStatic	0.0115	0.0262	-2.130E-04
150	144	Shell-Thin	179	Acc-sx	LinStatic	0.0114	0.0257	-1.601E-04
150	144	Shell-Thin	178	Acc-cx	LinStatic	-0.0650	-0.2536	9.921E-04
150	144	Shell-Thin	186	Acc-cx	LinStatic	-0.0657	-0.2574	4.938E-04
150	144	Shell-Thin	187	Acc-cx	LinStatic	-0.0578	-0.2558	-6.846E-04
150	144	Shell-Thin	179	Acc-cx	LinStatic	-0.0571	-0.2521	-1.863E-04
150	144	Shell-Thin	178	Acc-dx	LinStatic	-4.856E-04	-0.0256	-9.220E-05
150	144	Shell-Thin	186	Acc-dx	LinStatic	-5.335E-04	-0.0259	-1.377E-04
150	144	Shell-Thin	187	Acc-dx	LinStatic	-0.0012	-0.0260	2.935E-04
150	144	Shell-Thin	179	Acc-dx	LinStatic	-0.0011	-0.0258	3.390E-04
150	144	Shell-Thin	178	Sis-X	LinStatic	-6.441E-04	0.0014	0.0087
150	144	Shell-Thin	186	Sis-X	LinStatic	-5.417E-04	0.0019	0.0082
150	144	Shell-Thin	187	Sis-X	LinStatic	8.225E-04	0.0022	0.0085
150	144	Shell-Thin	179	Sis-X	LinStatic	7.201E-04	0.0017	0.0090
150	144	Shell-Thin	178	Sis-Y	LinStatic	0.0020	0.0065	5.285E-05
150	144	Shell-Thin	186	Sis-Y	LinStatic	0.0020	0.0066	4.434E-05
150	144	Shell-Thin	187	Sis-Y	LinStatic	0.0025	0.0067	-5.199E-05
150	144	Shell-Thin	179	Sis-Y	LinStatic	0.0024	0.0066	-4.348E-05
150	144	Shell-Thin	178	Sis-Z	LinStatic	-0.0200	-0.0864	4.164E-04
150	144	Shell-Thin	186	Sis-Z	LinStatic	-0.0199	-0.0859	3.792E-04
150	144	Shell-Thin	187	Sis-Z	LinStatic	-0.0238	-0.0867	-4.368E-04
150	144	Shell-Thin	179	Sis-Z	LinStatic	-0.0239	-0.0872	-3.996E-04
150	144	Shell-Thin	178	Urto	LinStatic	-0.0105	0.0125	0.0449
150	144	Shell-Thin	186	Urto	LinStatic	-0.0096	0.0171	0.0425
150	144	Shell-Thin	187	Urto	LinStatic	-6.455E-04	0.0189	0.0460
150	144	Shell-Thin	179	Urto	LinStatic	-0.0016	0.0143	0.0484
150	144	Shell-Thin	178	Acqua	LinStatic	-0.0199	0.0194	-0.0041
150	144	Shell-Thin	186	Acqua	LinStatic	-0.0198	0.0195	-0.0013
150	144	Shell-Thin	187	Acqua	LinStatic	-0.0247	0.0185	-0.0015
150	144	Shell-Thin	179	Acqua	LinStatic	-0.0247	0.0185	-0.0043
153	147	Shell-Thin	181	PP	LinStatic	-0.0790	-0.2038	-0.0025
153	147	Shell-Thin	189	PP	LinStatic	-0.0796	-0.2066	-0.0015
153	147	Shell-Thin	190	PP	LinStatic	-0.0749	-0.2057	-1.676E-04
153	147	Shell-Thin	182	PP	LinStatic	-0.0744	-0.2029	-0.0012
153	147	Shell-Thin	181	Terreno	LinStatic	-0.1505	-0.5951	-0.0104
153	147	Shell-Thin	189	Terreno	LinStatic	-0.1519	-0.6021	-0.0043
153	147	Shell-Thin	190	Terreno	LinStatic	-0.1880	-0.6093	-4.947E-04
153	147	Shell-Thin	182	Terreno	LinStatic	-0.1866	-0.6023	-0.0066
153	147	Shell-Thin	181	Acc-sx	LinStatic	0.0143	0.0254	-4.424E-04
153	147	Shell-Thin	189	Acc-sx	LinStatic	0.0143	0.0252	-1.853E-04
153	147	Shell-Thin	190	Acc-sx	LinStatic	0.0167	0.0257	3.085E-06
153	147	Shell-Thin	182	Acc-sx	LinStatic	0.0168	0.0259	-2.539E-04
153	147	Shell-Thin	181	Acc-cx	LinStatic	-0.0297	-0.2746	-0.0099
153	147	Shell-Thin	189	Acc-cx	LinStatic	-0.0308	-0.2802	-0.0030
153	147	Shell-Thin	190	Acc-cx	LinStatic	-0.0260	-0.2793	-5.502E-04
153	147	Shell-Thin	182	Acc-cx	LinStatic	-0.0249	-0.2737	-0.0074
153	147	Shell-Thin	181	Acc-dx	LinStatic	-6.537E-04	-0.0256	2.714E-04
153	147	Shell-Thin	189	Acc-dx	LinStatic	-5.620E-04	-0.0252	1.829E-04
153	147	Shell-Thin	190	Acc-dx	LinStatic	2.646E-04	-0.0250	-1.166E-05
153	147	Shell-Thin	182	Acc-dx	LinStatic	1.729E-04	-0.0255	7.684E-05
153	147	Shell-Thin	181	Sis-X	LinStatic	0.0035	9.694E-04	0.0101
153	147	Shell-Thin	189	Sis-X	LinStatic	0.0036	0.0014	0.0104

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
153	147	Shell-Thin	190	Sis-X	LinStatic	0.0048	0.0016	0.0063
153	147	Shell-Thin	182	Sis-X	LinStatic	0.0047	0.0012	0.0060
153	147	Shell-Thin	181	Sis-Y	LinStatic	0.0033	0.0065	-1.120E-04
153	147	Shell-Thin	189	Sis-Y	LinStatic	0.0033	0.0065	-4.499E-05
153	147	Shell-Thin	190	Sis-Y	LinStatic	0.0040	0.0066	7.190E-07
153	147	Shell-Thin	182	Sis-Y	LinStatic	0.0040	0.0067	-6.626E-05
153	147	Shell-Thin	181	Sis-Z	LinStatic	-0.0273	-0.0776	-8.652E-04
153	147	Shell-Thin	189	Sis-Z	LinStatic	-0.0275	-0.0785	-4.711E-04
153	147	Shell-Thin	190	Sis-Z	LinStatic	-0.0315	-0.0793	-4.385E-05
153	147	Shell-Thin	182	Sis-Z	LinStatic	-0.0313	-0.0784	-4.379E-04
153	147	Shell-Thin	181	Urto	LinStatic	0.0180	0.0091	0.0564
153	147	Shell-Thin	189	Urto	LinStatic	0.0190	0.0139	0.0576
153	147	Shell-Thin	190	Urto	LinStatic	0.0266	0.0155	0.0347
153	147	Shell-Thin	182	Urto	LinStatic	0.0256	0.0106	0.0335
153	147	Shell-Thin	181	Acqua	LinStatic	-0.0354	0.0030	-0.0041
153	147	Shell-Thin	189	Acqua	LinStatic	-0.0354	0.0028	-0.0014
153	147	Shell-Thin	190	Acqua	LinStatic	-0.0435	0.0012	-2.171E-04
153	147	Shell-Thin	182	Acqua	LinStatic	-0.0434	0.0014	-0.0029
517	203	Shell-Thin	59	PP	LinStatic	0.0232	-0.0617	0.0033
517	203	Shell-Thin	603	PP	LinStatic	0.0240	-0.0616	0.0032
517	203	Shell-Thin	604	PP	LinStatic	0.0242	-0.0606	6.041E-05
517	203	Shell-Thin	67	PP	LinStatic	0.0234	-0.0608	1.885E-04
517	203	Shell-Thin	59	Terreno	LinStatic	0.0700	-0.2480	-2.599E-04
517	203	Shell-Thin	603	Terreno	LinStatic	0.0471	-0.2525	-0.0013
517	203	Shell-Thin	604	Terreno	LinStatic	0.0474	-0.2510	-0.0010
517	203	Shell-Thin	67	Terreno	LinStatic	0.0703	-0.2464	1.939E-06
517	203	Shell-Thin	59	Acc-sx	LinStatic	0.0153	0.0533	-7.438E-04
517	203	Shell-Thin	603	Acc-sx	LinStatic	0.0172	0.0536	-9.238E-04
517	203	Shell-Thin	604	Acc-sx	LinStatic	0.0172	0.0534	-2.318E-04
517	203	Shell-Thin	67	Acc-sx	LinStatic	0.0153	0.0530	-5.179E-05
517	203	Shell-Thin	59	Acc-cx	LinStatic	-0.0057	-0.0207	0.0040
517	203	Shell-Thin	603	Acc-cx	LinStatic	3.070E-04	-0.0195	0.0046
517	203	Shell-Thin	604	Acc-cx	LinStatic	5.335E-04	-0.0183	8.190E-04
517	203	Shell-Thin	67	Acc-cx	LinStatic	-0.0055	-0.0195	2.518E-04
517	203	Shell-Thin	59	Acc-dx	LinStatic	-0.0264	-0.1591	0.0011
517	203	Shell-Thin	603	Acc-dx	LinStatic	-0.0249	-0.1588	0.0013
517	203	Shell-Thin	604	Acc-dx	LinStatic	-0.0249	-0.1589	3.174E-04
517	203	Shell-Thin	67	Acc-dx	LinStatic	-0.0264	-0.1592	7.419E-05
517	203	Shell-Thin	59	Sis-X	LinStatic	-0.0200	-0.0018	0.0025
517	203	Shell-Thin	603	Sis-X	LinStatic	-0.0083	5.655E-04	0.0031
517	203	Shell-Thin	604	Sis-X	LinStatic	-0.0088	-0.0019	0.0012
517	203	Shell-Thin	67	Sis-X	LinStatic	-0.0205	-0.0042	6.246E-04
517	203	Shell-Thin	59	Sis-Y	LinStatic	0.0037	0.0131	-2.004E-04
517	203	Shell-Thin	603	Sis-Y	LinStatic	0.0040	0.0132	-2.543E-04
517	203	Shell-Thin	604	Sis-Y	LinStatic	0.0040	0.0131	-6.793E-05
517	203	Shell-Thin	67	Sis-Y	LinStatic	0.0037	0.0130	-1.405E-05
517	203	Shell-Thin	59	Sis-Z	LinStatic	0.0120	-0.0076	1.650E-04
517	203	Shell-Thin	603	Sis-Z	LinStatic	0.0090	-0.0082	2.277E-05
517	203	Shell-Thin	604	Sis-Z	LinStatic	0.0090	-0.0079	-1.321E-04
517	203	Shell-Thin	67	Sis-Z	LinStatic	0.0121	-0.0073	1.011E-05
517	203	Shell-Thin	59	Urto	LinStatic	-0.0940	-0.0105	0.0103
517	203	Shell-Thin	603	Urto	LinStatic	-0.0404	2.525E-04	0.0122
517	203	Shell-Thin	604	Urto	LinStatic	-0.0425	-0.0101	0.0033
517	203	Shell-Thin	67	Urto	LinStatic	-0.0961	-0.0209	0.0014

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
517	203	Shell-Thin	59	Acqua	LinStatic	0.0508	0.2424	-0.0025
517	203	Shell-Thin	603	Acqua	LinStatic	0.0362	0.2395	-0.0032
517	203	Shell-Thin	604	Acqua	LinStatic	0.0364	0.2401	-9.570E-04
517	203	Shell-Thin	67	Acqua	LinStatic	0.0509	0.2430	-1.710E-04
581	267	Shell-Thin	657	PP	LinStatic	2.103E-04	-0.0990	-0.0022
581	267	Shell-Thin	672	PP	LinStatic	-6.554E-05	-0.0991	-4.975E-04
581	267	Shell-Thin	673	PP	LinStatic	0.0021	-0.0883	-2.635E-04
581	267	Shell-Thin	658	PP	LinStatic	0.0024	-0.0883	-0.0020
581	267	Shell-Thin	657	Terreno	LinStatic	5.200E-05	-0.3239	-0.0030
581	267	Shell-Thin	672	Terreno	LinStatic	-6.359E-04	-0.3240	-0.0011
581	267	Shell-Thin	673	Terreno	LinStatic	0.0028	-0.3066	-8.198E-04
581	267	Shell-Thin	658	Terreno	LinStatic	0.0035	-0.3065	-0.0028
581	267	Shell-Thin	657	Acc-sx	LinStatic	-0.0253	-0.1741	0.0170
581	267	Shell-Thin	672	Acc-sx	LinStatic	-0.0041	-0.1699	0.0119
581	267	Shell-Thin	673	Acc-sx	LinStatic	-5.315E-05	-0.1495	0.0110
581	267	Shell-Thin	658	Acc-sx	LinStatic	-0.0212	-0.1537	0.0161
581	267	Shell-Thin	657	Acc-cx	LinStatic	2.276E-04	-0.0344	-8.718E-04
581	267	Shell-Thin	672	Acc-cx	LinStatic	2.306E-04	-0.0344	6.801E-06
581	267	Shell-Thin	673	Acc-cx	LinStatic	8.368E-04	-0.0314	1.357E-04
581	267	Shell-Thin	658	Acc-cx	LinStatic	8.338E-04	-0.0314	-7.429E-04
581	267	Shell-Thin	657	Acc-dx	LinStatic	0.0253	0.0766	-0.0167
581	267	Shell-Thin	672	Acc-dx	LinStatic	0.0043	0.0724	-0.0117
581	267	Shell-Thin	673	Acc-dx	LinStatic	-2.588E-04	0.0497	-0.0108
581	267	Shell-Thin	658	Acc-dx	LinStatic	0.0208	0.0539	-0.0158
581	267	Shell-Thin	657	Sis-X	LinStatic	3.191E-05	0.0076	2.764E-04
581	267	Shell-Thin	672	Sis-X	LinStatic	1.226E-04	0.0076	1.689E-04
581	267	Shell-Thin	673	Sis-X	LinStatic	-2.773E-04	0.0056	1.607E-04
581	267	Shell-Thin	658	Sis-X	LinStatic	-3.680E-04	0.0056	2.682E-04
581	267	Shell-Thin	657	Sis-Y	LinStatic	-0.0049	-0.0314	0.0033
581	267	Shell-Thin	672	Sis-Y	LinStatic	-7.986E-04	-0.0306	0.0023
581	267	Shell-Thin	673	Sis-Y	LinStatic	-1.098E-05	-0.0267	0.0022
581	267	Shell-Thin	658	Sis-Y	LinStatic	-0.0041	-0.0275	0.0032
581	267	Shell-Thin	657	Sis-Z	LinStatic	1.412E-05	-0.0206	-5.893E-04
581	267	Shell-Thin	672	Sis-Z	LinStatic	-1.048E-04	-0.0207	-2.018E-04
581	267	Shell-Thin	673	Sis-Z	LinStatic	5.591E-04	-0.0173	-1.525E-04
581	267	Shell-Thin	658	Sis-Z	LinStatic	6.780E-04	-0.0173	-5.399E-04
581	267	Shell-Thin	657	Urto	LinStatic	1.743E-04	0.0378	0.0014
581	267	Shell-Thin	672	Urto	LinStatic	6.614E-04	0.0379	8.784E-04
581	267	Shell-Thin	673	Urto	LinStatic	-0.0014	0.0276	8.407E-04
581	267	Shell-Thin	658	Urto	LinStatic	-0.0019	0.0275	0.0014
581	267	Shell-Thin	657	Acqua	LinStatic	-4.825E-04	0.1975	-0.0014
581	267	Shell-Thin	672	Acqua	LinStatic	-0.0011	0.1973	-0.0011
581	267	Shell-Thin	673	Acqua	LinStatic	0.0013	0.2093	-0.0011
581	267	Shell-Thin	658	Acqua	LinStatic	0.0019	0.2094	-0.0014
587	273	Shell-Thin	663	PP	LinStatic	0.0094	-0.0640	-0.0022
587	273	Shell-Thin	678	PP	LinStatic	0.0096	-0.0639	0.0016
587	273	Shell-Thin	679	PP	LinStatic	0.0100	-0.0623	0.0016
587	273	Shell-Thin	664	PP	LinStatic	0.0097	-0.0623	-0.0021
587	273	Shell-Thin	663	Terreno	LinStatic	0.0056	-0.2521	-0.0028
587	273	Shell-Thin	678	Terreno	LinStatic	0.0063	-0.2520	0.0015
587	273	Shell-Thin	679	Terreno	LinStatic	0.0069	-0.2488	0.0018
587	273	Shell-Thin	664	Terreno	LinStatic	0.0062	-0.2490	-0.0025
587	273	Shell-Thin	663	Acc-sx	LinStatic	-0.0210	-0.1626	8.117E-04
587	273	Shell-Thin	678	Acc-sx	LinStatic	-0.0186	-0.1621	6.969E-04

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
587	273	Shell-Thin	679	Acc-sx	LinStatic	-0.0186	-0.1622	1.975E-04
587	273	Shell-Thin	664	Acc-sx	LinStatic	-0.0210	-0.1627	3.124E-04
587	273	Shell-Thin	663	Acc-cx	LinStatic	0.0030	-0.0273	-0.0011
587	273	Shell-Thin	678	Acc-cx	LinStatic	0.0031	-0.0273	8.233E-04
587	273	Shell-Thin	679	Acc-cx	LinStatic	0.0033	-0.0265	8.453E-04
587	273	Shell-Thin	664	Acc-cx	LinStatic	0.0032	-0.0265	-0.0011
587	273	Shell-Thin	663	Acc-dx	LinStatic	0.0191	0.0562	-8.192E-04
587	273	Shell-Thin	678	Acc-dx	LinStatic	0.0167	0.0557	-6.357E-04
587	273	Shell-Thin	679	Acc-dx	LinStatic	0.0167	0.0557	-1.565E-04
587	273	Shell-Thin	664	Acc-dx	LinStatic	0.0191	0.0562	-3.400E-04
587	273	Shell-Thin	663	Sis-X	LinStatic	-9.528E-04	-0.0014	5.102E-05
587	273	Shell-Thin	678	Sis-X	LinStatic	-9.990E-04	-0.0014	-1.605E-05
587	273	Shell-Thin	679	Sis-X	LinStatic	-0.0010	-0.0014	-4.802E-05
587	273	Shell-Thin	664	Sis-X	LinStatic	-9.635E-04	-0.0014	1.905E-05
587	273	Shell-Thin	663	Sis-Y	LinStatic	-0.0041	-0.0296	1.431E-04
587	273	Shell-Thin	678	Sis-Y	LinStatic	-0.0037	-0.0296	1.216E-04
587	273	Shell-Thin	679	Sis-Y	LinStatic	-0.0037	-0.0296	3.406E-05
587	273	Shell-Thin	664	Sis-Y	LinStatic	-0.0041	-0.0297	5.553E-05
587	273	Shell-Thin	663	Sis-Z	LinStatic	0.0019	-0.0080	-4.881E-04
587	273	Shell-Thin	678	Sis-Z	LinStatic	0.0020	-0.0079	2.930E-04
587	273	Shell-Thin	679	Sis-Z	LinStatic	0.0021	-0.0074	3.270E-04
587	273	Shell-Thin	664	Sis-Z	LinStatic	0.0020	-0.0074	-4.541E-04
587	273	Shell-Thin	663	Urto	LinStatic	-0.0032	-0.0104	3.508E-04
587	273	Shell-Thin	678	Urto	LinStatic	-0.0036	-0.0105	2.161E-04
587	273	Shell-Thin	679	Urto	LinStatic	-0.0038	-0.0118	6.785E-05
587	273	Shell-Thin	664	Urto	LinStatic	-0.0035	-0.0118	2.025E-04
587	273	Shell-Thin	663	Acqua	LinStatic	0.0043	0.2489	-2.980E-04
587	273	Shell-Thin	678	Acqua	LinStatic	0.0047	0.2490	-2.100E-05
587	273	Shell-Thin	679	Acqua	LinStatic	0.0049	0.2500	8.035E-05
587	273	Shell-Thin	664	Acqua	LinStatic	0.0045	0.2499	-1.966E-04
594	280	Shell-Thin	670	PP	LinStatic	0.0024	-0.0883	0.0020
594	280	Shell-Thin	685	PP	LinStatic	0.0021	-0.0883	2.635E-04
594	280	Shell-Thin	686	PP	LinStatic	-6.554E-05	-0.0991	4.975E-04
594	280	Shell-Thin	671	PP	LinStatic	2.103E-04	-0.0990	0.0022
594	280	Shell-Thin	670	Terreno	LinStatic	0.0035	-0.3065	0.0028
594	280	Shell-Thin	685	Terreno	LinStatic	0.0028	-0.3066	8.198E-04
594	280	Shell-Thin	686	Terreno	LinStatic	-6.359E-04	-0.3240	0.0011
594	280	Shell-Thin	671	Terreno	LinStatic	5.200E-05	-0.3239	0.0030
594	280	Shell-Thin	670	Acc-sx	LinStatic	-0.0212	-0.1537	-0.0161
594	280	Shell-Thin	685	Acc-sx	LinStatic	-5.315E-05	-0.1495	-0.0110
594	280	Shell-Thin	686	Acc-sx	LinStatic	-0.0041	-0.1699	-0.0119
594	280	Shell-Thin	671	Acc-sx	LinStatic	-0.0253	-0.1741	-0.0170
594	280	Shell-Thin	670	Acc-cx	LinStatic	8.338E-04	-0.0314	7.429E-04
594	280	Shell-Thin	685	Acc-cx	LinStatic	8.368E-04	-0.0314	-1.357E-04
594	280	Shell-Thin	686	Acc-cx	LinStatic	2.306E-04	-0.0344	-6.801E-06
594	280	Shell-Thin	671	Acc-cx	LinStatic	2.276E-04	-0.0344	8.718E-04
594	280	Shell-Thin	670	Acc-dx	LinStatic	0.0208	0.0539	0.0158
594	280	Shell-Thin	685	Acc-dx	LinStatic	-2.588E-04	0.0497	0.0108
594	280	Shell-Thin	686	Acc-dx	LinStatic	0.0043	0.0724	0.0117
594	280	Shell-Thin	671	Acc-dx	LinStatic	0.0253	0.0766	0.0167
594	280	Shell-Thin	670	Sis-X	LinStatic	1.814E-04	-0.0039	1.352E-04
594	280	Shell-Thin	685	Sis-X	LinStatic	1.519E-04	-0.0039	5.957E-05
594	280	Shell-Thin	686	Sis-X	LinStatic	-2.771E-05	-0.0048	6.700E-05
594	280	Shell-Thin	671	Sis-X	LinStatic	1.809E-06	-0.0048	1.427E-04

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
594	280	Shell-Thin	670	Sis-Y	LinStatic	-0.0041	-0.0275	-0.0032
594	280	Shell-Thin	685	Sis-Y	LinStatic	-1.098E-05	-0.0267	-0.0022
594	280	Shell-Thin	686	Sis-Y	LinStatic	-7.986E-04	-0.0306	-0.0023
594	280	Shell-Thin	671	Sis-Y	LinStatic	-0.0049	-0.0314	-0.0033
594	280	Shell-Thin	670	Sis-Z	LinStatic	6.780E-04	-0.0173	5.399E-04
594	280	Shell-Thin	685	Sis-Z	LinStatic	5.591E-04	-0.0173	1.525E-04
594	280	Shell-Thin	686	Sis-Z	LinStatic	-1.048E-04	-0.0207	2.018E-04
594	280	Shell-Thin	671	Sis-Z	LinStatic	1.412E-05	-0.0206	5.893E-04
594	280	Shell-Thin	670	Urto	LinStatic	3.028E-04	-0.0137	2.501E-04
594	280	Shell-Thin	685	Urto	LinStatic	3.415E-04	-0.0137	-2.425E-05
594	280	Shell-Thin	686	Urto	LinStatic	1.570E-04	-0.0146	9.089E-06
594	280	Shell-Thin	671	Urto	LinStatic	1.184E-04	-0.0146	2.834E-04
594	280	Shell-Thin	670	Acqua	LinStatic	0.0019	0.2094	0.0014
594	280	Shell-Thin	685	Acqua	LinStatic	0.0013	0.2093	0.0011
594	280	Shell-Thin	686	Acqua	LinStatic	-0.0011	0.1973	0.0011
594	280	Shell-Thin	671	Acqua	LinStatic	-4.825E-04	0.1975	0.0014
657	343	Shell-Thin	738	PP	LinStatic	0.0254	-0.0618	-0.0034
657	343	Shell-Thin	175	PP	LinStatic	0.0251	-0.0619	-0.0035
657	343	Shell-Thin	183	PP	LinStatic	0.0252	-0.0609	-2.017E-04
657	343	Shell-Thin	739	PP	LinStatic	0.0256	-0.0609	-1.445E-04
657	343	Shell-Thin	738	Terreno	LinStatic	0.0503	-0.2531	6.252E-04
657	343	Shell-Thin	175	Terreno	LinStatic	0.0741	-0.2483	-1.951E-04
657	343	Shell-Thin	183	Terreno	LinStatic	0.0744	-0.2468	-3.508E-05
657	343	Shell-Thin	739	Terreno	LinStatic	0.0506	-0.2516	7.852E-04
657	343	Shell-Thin	738	Acc-sx	LinStatic	-0.0231	-0.1588	-0.0015
657	343	Shell-Thin	175	Acc-sx	LinStatic	-0.0256	-0.1593	-0.0012
657	343	Shell-Thin	183	Acc-sx	LinStatic	-0.0256	-0.1594	-8.067E-05
657	343	Shell-Thin	739	Acc-sx	LinStatic	-0.0231	-0.1589	-3.974E-04
657	343	Shell-Thin	738	Acc-cx	LinStatic	5.727E-04	-0.0195	-0.0046
657	343	Shell-Thin	175	Acc-cx	LinStatic	-0.0054	-0.0207	-0.0041
657	343	Shell-Thin	183	Acc-cx	LinStatic	-0.0052	-0.0196	-2.543E-04
657	343	Shell-Thin	739	Acc-cx	LinStatic	7.987E-04	-0.0184	-8.340E-04
657	343	Shell-Thin	738	Acc-dx	LinStatic	0.0151	0.0536	0.0012
657	343	Shell-Thin	175	Acc-dx	LinStatic	0.0141	0.0534	8.995E-04
657	343	Shell-Thin	183	Acc-dx	LinStatic	0.0140	0.0532	6.183E-05
657	343	Shell-Thin	739	Acc-dx	LinStatic	0.0150	0.0534	3.352E-04
657	343	Shell-Thin	738	Sis-X	LinStatic	-0.0088	6.254E-04	-0.0030
657	343	Shell-Thin	175	Sis-X	LinStatic	-0.0209	-0.0018	-0.0025
657	343	Shell-Thin	183	Sis-X	LinStatic	-0.0214	-0.0044	-5.026E-04
657	343	Shell-Thin	739	Sis-X	LinStatic	-0.0093	-0.0019	-0.0010
657	343	Shell-Thin	738	Sis-Y	LinStatic	-0.0049	-0.0286	-3.376E-04
657	343	Shell-Thin	175	Sis-Y	LinStatic	-0.0053	-0.0287	-2.647E-04
657	343	Shell-Thin	183	Sis-Y	LinStatic	-0.0053	-0.0287	-1.808E-05
657	343	Shell-Thin	739	Sis-Y	LinStatic	-0.0049	-0.0286	-9.100E-05
657	343	Shell-Thin	738	Sis-Z	LinStatic	0.0095	-0.0083	-1.281E-04
657	343	Shell-Thin	175	Sis-Z	LinStatic	0.0127	-0.0076	-2.406E-04
657	343	Shell-Thin	183	Sis-Z	LinStatic	0.0128	-0.0073	-1.554E-05
657	343	Shell-Thin	739	Sis-Z	LinStatic	0.0096	-0.0080	9.691E-05
657	343	Shell-Thin	738	Urto	LinStatic	-0.0429	5.818E-04	-0.0114
657	343	Shell-Thin	175	Urto	LinStatic	-0.0986	-0.0106	-0.0099
657	343	Shell-Thin	183	Urto	LinStatic	-0.1007	-0.0214	-7.586E-04
657	343	Shell-Thin	739	Urto	LinStatic	-0.0451	-0.0103	-0.0023
657	343	Shell-Thin	738	Acqua	LinStatic	0.0385	0.2391	0.0028
657	343	Shell-Thin	175	Acqua	LinStatic	0.0537	0.2422	0.0021

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
657	343	Shell-Thin	183	Acqua	LinStatic	0.0538	0.2427	1.490E-04
657	343	Shell-Thin	739	Acqua	LinStatic	0.0386	0.2397	8.135E-04
671	357	Shell-Thin	66	PP	LinStatic	-0.0248	0.0434	9.236E-04
671	357	Shell-Thin	753	PP	LinStatic	0.0353	0.0554	8.414E-04
671	357	Shell-Thin	754	PP	LinStatic	0.0350	0.0540	1.103E-04
671	357	Shell-Thin	74	PP	LinStatic	-0.0251	0.0420	1.925E-04
671	357	Shell-Thin	66	Terreno	LinStatic	-0.1049	-0.1972	0.0071
671	357	Shell-Thin	753	Terreno	LinStatic	0.0209	-0.1720	0.0090
671	357	Shell-Thin	754	Terreno	LinStatic	0.0202	-0.1753	0.0025
671	357	Shell-Thin	74	Terreno	LinStatic	-0.1056	-0.2004	6.854E-04
671	357	Shell-Thin	66	Acc-sx	LinStatic	-0.0049	-0.0504	-5.312E-04
671	357	Shell-Thin	753	Acc-sx	LinStatic	-0.0086	-0.0511	-6.482E-04
671	357	Shell-Thin	754	Acc-sx	LinStatic	-0.0086	-0.0512	-1.786E-04
671	357	Shell-Thin	74	Acc-sx	LinStatic	-0.0050	-0.0505	-6.166E-05
671	357	Shell-Thin	66	Acc-cx	LinStatic	0.0274	-0.0126	0.0056
671	357	Shell-Thin	753	Acc-cx	LinStatic	0.1113	0.0042	0.0067
671	357	Shell-Thin	754	Acc-cx	LinStatic	0.1109	0.0023	0.0016
671	357	Shell-Thin	74	Acc-cx	LinStatic	0.0270	-0.0145	4.650E-04
671	357	Shell-Thin	66	Acc-dx	LinStatic	2.678E-04	-0.0569	7.438E-04
671	357	Shell-Thin	753	Acc-dx	LinStatic	0.0015	-0.0567	9.424E-04
671	357	Shell-Thin	754	Acc-dx	LinStatic	0.0015	-0.0566	2.639E-04
671	357	Shell-Thin	74	Acc-dx	LinStatic	2.725E-04	-0.0569	6.525E-05
671	357	Shell-Thin	66	Sis-X	LinStatic	0.0044	-2.951E-04	-0.0053
671	357	Shell-Thin	753	Sis-X	LinStatic	0.0056	-5.795E-05	-0.0083
671	357	Shell-Thin	754	Sis-X	LinStatic	0.0056	1.934E-04	-0.0085
671	357	Shell-Thin	74	Sis-X	LinStatic	0.0045	-4.378E-05	-0.0055
671	357	Shell-Thin	66	Sis-Y	LinStatic	-0.0013	-0.0124	-1.330E-04
671	357	Shell-Thin	753	Sis-Y	LinStatic	-0.0021	-0.0126	-1.618E-04
671	357	Shell-Thin	754	Sis-Y	LinStatic	-0.0021	-0.0126	-4.381E-05
671	357	Shell-Thin	74	Sis-Y	LinStatic	-0.0013	-0.0124	-1.507E-05
671	357	Shell-Thin	66	Sis-Z	LinStatic	-0.0152	0.0018	5.387E-04
671	357	Shell-Thin	753	Sis-Z	LinStatic	0.0025	0.0053	6.470E-04
671	357	Shell-Thin	754	Sis-Z	LinStatic	0.0024	0.0049	1.815E-04
671	357	Shell-Thin	74	Sis-Z	LinStatic	-0.0153	0.0014	7.323E-05
671	357	Shell-Thin	66	Urto	LinStatic	0.0232	-6.103E-04	-0.0294
671	357	Shell-Thin	753	Urto	LinStatic	0.0313	0.0010	-0.0455
671	357	Shell-Thin	754	Urto	LinStatic	0.0316	0.0027	-0.0462
671	357	Shell-Thin	74	Urto	LinStatic	0.0235	0.0011	-0.0302
671	357	Shell-Thin	66	Acqua	LinStatic	-0.0235	0.0992	0.0019
671	357	Shell-Thin	753	Acqua	LinStatic	-0.0079	0.1023	0.0024
671	357	Shell-Thin	754	Acqua	LinStatic	-0.0079	0.1022	5.638E-04
671	357	Shell-Thin	74	Acqua	LinStatic	-0.0235	0.0991	1.314E-04
735	421	Shell-Thin	807	PP	LinStatic	0.0545	0.5510	-0.0164
735	421	Shell-Thin	822	PP	LinStatic	0.0545	0.5510	0.0164
735	421	Shell-Thin	823	PP	LinStatic	0.0221	0.3888	0.0164
735	421	Shell-Thin	808	PP	LinStatic	0.0221	0.3888	-0.0164
735	421	Shell-Thin	807	Terreno	LinStatic	0.1741	0.7567	-0.0277
735	421	Shell-Thin	822	Terreno	LinStatic	0.1740	0.7567	0.0277
735	421	Shell-Thin	823	Terreno	LinStatic	0.1078	0.4256	0.0277
735	421	Shell-Thin	808	Terreno	LinStatic	0.1078	0.4256	-0.0277
735	421	Shell-Thin	807	Acc-sx	LinStatic	-6.101E-04	-0.0644	-0.0129
735	421	Shell-Thin	822	Acc-sx	LinStatic	-0.0012	-0.0645	-0.0136
735	421	Shell-Thin	823	Acc-sx	LinStatic	-8.304E-04	-0.0627	-0.0174
735	421	Shell-Thin	808	Acc-sx	LinStatic	-2.383E-04	-0.0626	-0.0167

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
735	421	Shell-Thin	807	Acc-cx	LinStatic	0.1808	0.5339	-0.0159
735	421	Shell-Thin	822	Acc-cx	LinStatic	0.1808	0.5339	0.0159
735	421	Shell-Thin	823	Acc-cx	LinStatic	0.1456	0.3576	0.0159
735	421	Shell-Thin	808	Acc-cx	LinStatic	0.1456	0.3576	-0.0159
735	421	Shell-Thin	807	Acc-dx	LinStatic	-0.0012	-0.0643	0.0136
735	421	Shell-Thin	822	Acc-dx	LinStatic	-5.977E-04	-0.0642	0.0129
735	421	Shell-Thin	823	Acc-dx	LinStatic	-2.298E-04	-0.0624	0.0167
735	421	Shell-Thin	808	Acc-dx	LinStatic	-8.224E-04	-0.0625	0.0174
735	421	Shell-Thin	807	Sis-X	LinStatic	1.578E-05	-0.0094	-1.490E-04
735	421	Shell-Thin	822	Sis-X	LinStatic	1.595E-05	-0.0094	1.476E-04
735	421	Shell-Thin	823	Sis-X	LinStatic	4.979E-04	-0.0070	1.472E-04
735	421	Shell-Thin	808	Sis-X	LinStatic	4.977E-04	-0.0070	-1.495E-04
735	421	Shell-Thin	807	Sis-Y	LinStatic	-6.090E-05	-0.0148	-0.0033
735	421	Shell-Thin	822	Sis-Y	LinStatic	-2.181E-04	-0.0148	-0.0035
735	421	Shell-Thin	823	Sis-Y	LinStatic	-1.827E-04	-0.0146	-0.0044
735	421	Shell-Thin	808	Sis-Y	LinStatic	-2.557E-05	-0.0146	-0.0043
735	421	Shell-Thin	807	Sis-Z	LinStatic	0.0168	0.1480	-0.0045
735	421	Shell-Thin	822	Sis-Z	LinStatic	0.0168	0.1480	0.0045
735	421	Shell-Thin	823	Sis-Z	LinStatic	0.0070	0.0991	0.0045
735	421	Shell-Thin	808	Sis-Z	LinStatic	0.0070	0.0991	-0.0045
735	421	Shell-Thin	807	Urto	LinStatic	-4.268E-04	-0.0547	-7.898E-04
735	421	Shell-Thin	822	Urto	LinStatic	-4.256E-04	-0.0547	7.798E-04
735	421	Shell-Thin	823	Urto	LinStatic	0.0025	-0.0398	7.770E-04
735	421	Shell-Thin	808	Urto	LinStatic	0.0025	-0.0398	-7.926E-04
735	421	Shell-Thin	807	Acqua	LinStatic	0.0036	0.1575	-0.0012
735	421	Shell-Thin	822	Acqua	LinStatic	0.0036	0.1575	0.0012
735	421	Shell-Thin	823	Acqua	LinStatic	9.745E-04	0.1444	0.0012
735	421	Shell-Thin	808	Acqua	LinStatic	9.772E-04	0.1444	-0.0011
741	427	Shell-Thin	813	PP	LinStatic	0.1505	0.0647	-3.327E-04
741	427	Shell-Thin	828	PP	LinStatic	0.1505	0.0647	3.368E-04
741	427	Shell-Thin	829	PP	LinStatic	0.1488	0.0562	3.354E-04
741	427	Shell-Thin	814	PP	LinStatic	0.1488	0.0562	-3.341E-04
741	427	Shell-Thin	813	Terreno	LinStatic	0.2826	-0.1918	-1.458E-04
741	427	Shell-Thin	828	Terreno	LinStatic	0.2826	-0.1918	1.543E-04
741	427	Shell-Thin	829	Terreno	LinStatic	0.2797	-0.2063	1.515E-04
741	427	Shell-Thin	814	Terreno	LinStatic	0.2797	-0.2063	-1.487E-04
741	427	Shell-Thin	813	Acc-sx	LinStatic	-0.0076	-0.0557	0.0014
741	427	Shell-Thin	828	Acc-sx	LinStatic	-0.0035	-0.0549	0.0014
741	427	Shell-Thin	829	Acc-sx	LinStatic	-0.0034	-0.0545	4.472E-04
741	427	Shell-Thin	814	Acc-sx	LinStatic	-0.0075	-0.0554	4.748E-04
741	427	Shell-Thin	813	Acc-cx	LinStatic	0.2651	-0.0011	-3.338E-04
741	427	Shell-Thin	828	Acc-cx	LinStatic	0.2651	-0.0011	3.346E-04
741	427	Shell-Thin	829	Acc-cx	LinStatic	0.2632	-0.0106	3.343E-04
741	427	Shell-Thin	814	Acc-cx	LinStatic	0.2632	-0.0106	-3.341E-04
741	427	Shell-Thin	813	Acc-dx	LinStatic	-0.0034	-0.0547	-0.0014
741	427	Shell-Thin	828	Acc-dx	LinStatic	-0.0075	-0.0556	-0.0014
741	427	Shell-Thin	829	Acc-dx	LinStatic	-0.0075	-0.0552	-4.747E-04
741	427	Shell-Thin	814	Acc-dx	LinStatic	-0.0034	-0.0544	-4.477E-04
741	427	Shell-Thin	813	Sis-X	LinStatic	0.0069	-5.858E-04	-3.374E-04
741	427	Shell-Thin	828	Sis-X	LinStatic	0.0069	-5.856E-04	3.400E-04
741	427	Shell-Thin	829	Sis-X	LinStatic	0.0070	3.593E-04	3.402E-04
741	427	Shell-Thin	814	Sis-X	LinStatic	0.0070	3.591E-04	-3.373E-04
741	427	Shell-Thin	813	Sis-Y	LinStatic	-0.0015	-0.0138	3.788E-04
741	427	Shell-Thin	828	Sis-Y	LinStatic	-4.893E-04	-0.0135	3.720E-04

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
741	427	Shell-Thin	829	Sis-Y	LinStatic	-4.785E-04	-0.0135	1.187E-04
741	427	Shell-Thin	814	Sis-Y	LinStatic	-0.0015	-0.0137	1.255E-04
741	427	Shell-Thin	813	Sis-Z	LinStatic	0.0387	0.0053	-5.040E-05
741	427	Shell-Thin	828	Sis-Z	LinStatic	0.0387	0.0053	5.189E-05
741	427	Shell-Thin	829	Sis-Z	LinStatic	0.0382	0.0030	5.139E-05
741	427	Shell-Thin	814	Sis-Z	LinStatic	0.0383	0.0030	-5.090E-05
741	427	Shell-Thin	813	Urto	LinStatic	0.0368	4.545E-04	-0.0017
741	427	Shell-Thin	828	Urto	LinStatic	0.0369	4.563E-04	0.0017
741	427	Shell-Thin	829	Urto	LinStatic	0.0383	0.0078	0.0017
741	427	Shell-Thin	814	Urto	LinStatic	0.0383	0.0078	-0.0017
741	427	Shell-Thin	813	Acqua	LinStatic	0.0161	0.1003	-1.016E-05
741	427	Shell-Thin	828	Acqua	LinStatic	0.0161	0.1003	1.632E-05
741	427	Shell-Thin	829	Acqua	LinStatic	0.0158	0.0987	1.425E-05
741	427	Shell-Thin	814	Acqua	LinStatic	0.0158	0.0987	-1.223E-05
748	434	Shell-Thin	820	PP	LinStatic	0.0221	0.3888	0.0164
748	434	Shell-Thin	835	PP	LinStatic	0.0221	0.3888	-0.0164
748	434	Shell-Thin	836	PP	LinStatic	0.0545	0.5510	-0.0164
748	434	Shell-Thin	821	PP	LinStatic	0.0545	0.5510	0.0164
748	434	Shell-Thin	820	Terreno	LinStatic	0.1078	0.4256	0.0277
748	434	Shell-Thin	835	Terreno	LinStatic	0.1078	0.4256	-0.0277
748	434	Shell-Thin	836	Terreno	LinStatic	0.1740	0.7567	-0.0277
748	434	Shell-Thin	821	Terreno	LinStatic	0.1741	0.7567	0.0277
748	434	Shell-Thin	820	Acc-sx	LinStatic	-2.383E-04	-0.0626	0.0167
748	434	Shell-Thin	835	Acc-sx	LinStatic	-8.304E-04	-0.0627	0.0174
748	434	Shell-Thin	836	Acc-sx	LinStatic	-0.0012	-0.0645	0.0136
748	434	Shell-Thin	821	Acc-sx	LinStatic	-6.101E-04	-0.0644	0.0129
748	434	Shell-Thin	820	Acc-cx	LinStatic	0.1456	0.3576	0.0159
748	434	Shell-Thin	835	Acc-cx	LinStatic	0.1456	0.3576	-0.0159
748	434	Shell-Thin	836	Acc-cx	LinStatic	0.1808	0.5339	-0.0159
748	434	Shell-Thin	821	Acc-cx	LinStatic	0.1808	0.5339	0.0159
748	434	Shell-Thin	820	Acc-dx	LinStatic	-8.224E-04	-0.0625	-0.0174
748	434	Shell-Thin	835	Acc-dx	LinStatic	-2.298E-04	-0.0624	-0.0167
748	434	Shell-Thin	836	Acc-dx	LinStatic	-5.977E-04	-0.0642	-0.0129
748	434	Shell-Thin	821	Acc-dx	LinStatic	-0.0012	-0.0643	-0.0136
748	434	Shell-Thin	820	Sis-X	LinStatic	0.0116	0.0126	2.974E-05
748	434	Shell-Thin	835	Sis-X	LinStatic	0.0116	0.0126	-2.923E-05
748	434	Shell-Thin	836	Sis-X	LinStatic	0.0122	0.0158	-2.935E-05
748	434	Shell-Thin	821	Sis-X	LinStatic	0.0122	0.0158	2.962E-05
748	434	Shell-Thin	820	Sis-Y	LinStatic	-2.557E-05	-0.0146	0.0043
748	434	Shell-Thin	835	Sis-Y	LinStatic	-1.827E-04	-0.0146	0.0044
748	434	Shell-Thin	836	Sis-Y	LinStatic	-2.181E-04	-0.0148	0.0035
748	434	Shell-Thin	821	Sis-Y	LinStatic	-6.090E-05	-0.0148	0.0033
748	434	Shell-Thin	820	Sis-Z	LinStatic	0.0070	0.0991	0.0045
748	434	Shell-Thin	835	Sis-Z	LinStatic	0.0070	0.0991	-0.0045
748	434	Shell-Thin	836	Sis-Z	LinStatic	0.0168	0.1480	-0.0045
748	434	Shell-Thin	821	Sis-Z	LinStatic	0.0168	0.1480	0.0045
748	434	Shell-Thin	820	Urto	LinStatic	0.0443	0.0865	0.0012
748	434	Shell-Thin	835	Urto	LinStatic	0.0443	0.0865	-0.0011
748	434	Shell-Thin	836	Urto	LinStatic	0.0473	0.1015	-0.0011
748	434	Shell-Thin	821	Urto	LinStatic	0.0473	0.1015	0.0011
748	434	Shell-Thin	820	Acqua	LinStatic	9.772E-04	0.1444	0.0011
748	434	Shell-Thin	835	Acqua	LinStatic	9.745E-04	0.1444	-0.0012
748	434	Shell-Thin	836	Acqua	LinStatic	0.0036	0.1575	-0.0012
748	434	Shell-Thin	821	Acqua	LinStatic	0.0036	0.1575	0.0012

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
811	497	Shell-Thin	888	PP	LinStatic	0.0351	0.0554	-8.644E-04
811	497	Shell-Thin	182	PP	LinStatic	-0.0251	0.0434	-9.425E-04
811	497	Shell-Thin	190	PP	LinStatic	-0.0254	0.0420	-1.936E-04
811	497	Shell-Thin	889	PP	LinStatic	0.0348	0.0541	-1.155E-04
811	497	Shell-Thin	888	Terreno	LinStatic	0.0205	-0.1719	-0.0090
811	497	Shell-Thin	182	Terreno	LinStatic	-0.1055	-0.1972	-0.0071
811	497	Shell-Thin	190	Terreno	LinStatic	-0.1062	-0.2004	-6.878E-04
811	497	Shell-Thin	889	Terreno	LinStatic	0.0199	-0.1752	-0.0026
811	497	Shell-Thin	888	Acc-sx	LinStatic	0.0014	-0.0568	-9.539E-04
811	497	Shell-Thin	182	Acc-sx	LinStatic	1.864E-04	-0.0570	-7.529E-04
811	497	Shell-Thin	190	Acc-sx	LinStatic	1.913E-04	-0.0570	-6.574E-05
811	497	Shell-Thin	889	Acc-sx	LinStatic	0.0014	-0.0567	-2.667E-04
811	497	Shell-Thin	888	Acc-cx	LinStatic	0.1113	0.0042	-0.0068
811	497	Shell-Thin	182	Acc-cx	LinStatic	0.0273	-0.0126	-0.0056
811	497	Shell-Thin	190	Acc-cx	LinStatic	0.0269	-0.0145	-4.652E-04
811	497	Shell-Thin	889	Acc-cx	LinStatic	0.1109	0.0023	-0.0016
811	497	Shell-Thin	888	Acc-dx	LinStatic	-0.0085	-0.0510	6.656E-04
811	497	Shell-Thin	182	Acc-dx	LinStatic	-0.0048	-0.0503	5.452E-04
811	497	Shell-Thin	190	Acc-dx	LinStatic	-0.0048	-0.0504	6.244E-05
811	497	Shell-Thin	889	Acc-dx	LinStatic	-0.0085	-0.0511	1.828E-04
811	497	Shell-Thin	888	Sis-X	LinStatic	0.0056	-6.054E-05	0.0083
811	497	Shell-Thin	182	Sis-X	LinStatic	0.0044	-2.958E-04	0.0053
811	497	Shell-Thin	190	Sis-X	LinStatic	0.0045	-4.369E-05	0.0055
811	497	Shell-Thin	889	Sis-X	LinStatic	0.0057	1.916E-04	0.0084
811	497	Shell-Thin	888	Sis-Y	LinStatic	3.465E-04	-0.0141	-2.555E-04
811	497	Shell-Thin	182	Sis-Y	LinStatic	-1.576E-04	-0.0142	-2.008E-04
811	497	Shell-Thin	190	Sis-Y	LinStatic	-1.556E-04	-0.0142	-1.792E-05
811	497	Shell-Thin	889	Sis-Y	LinStatic	3.486E-04	-0.0141	-7.258E-05
811	497	Shell-Thin	888	Sis-Z	LinStatic	0.0024	0.0054	-6.558E-04
811	497	Shell-Thin	182	Sis-Z	LinStatic	-0.0153	0.0018	-5.459E-04
811	497	Shell-Thin	190	Sis-Z	LinStatic	-0.0154	0.0014	-7.366E-05
811	497	Shell-Thin	889	Sis-Z	LinStatic	0.0023	0.0049	-1.835E-04
811	497	Shell-Thin	888	Urto	LinStatic	0.0314	9.928E-04	0.0455
811	497	Shell-Thin	182	Urto	LinStatic	0.0234	-6.151E-04	0.0294
811	497	Shell-Thin	190	Urto	LinStatic	0.0237	0.0011	0.0302
811	497	Shell-Thin	889	Urto	LinStatic	0.0318	0.0027	0.0462
811	497	Shell-Thin	888	Acqua	LinStatic	-0.0081	0.1023	-0.0024
811	497	Shell-Thin	182	Acqua	LinStatic	-0.0239	0.0992	-0.0020
811	497	Shell-Thin	190	Acqua	LinStatic	-0.0239	0.0991	-1.332E-04
811	497	Shell-Thin	889	Acqua	LinStatic	-0.0081	0.1023	-5.722E-04
839	525	Shell-Thin	807	PP	LinStatic	0.4700	0.1900	-0.0254
839	525	Shell-Thin	822	PP	LinStatic	0.4700	0.1900	0.0254
839	525	Shell-Thin	920	PP	LinStatic	0.1078	0.1175	0.0254
839	525	Shell-Thin	916	PP	LinStatic	0.1078	0.1175	-0.0254
839	525	Shell-Thin	807	Terreno	LinStatic	0.6765	0.4948	-0.0414
839	525	Shell-Thin	822	Terreno	LinStatic	0.6765	0.4948	0.0414
839	525	Shell-Thin	920	Terreno	LinStatic	0.1333	0.3861	0.0414
839	525	Shell-Thin	916	Terreno	LinStatic	0.1333	0.3861	-0.0414
839	525	Shell-Thin	807	Acc-sx	LinStatic	-0.0547	-0.0164	-0.0178
839	525	Shell-Thin	822	Acc-sx	LinStatic	-0.0521	-0.0034	-0.0208
839	525	Shell-Thin	920	Acc-sx	LinStatic	-0.0232	0.0024	-0.0373
839	525	Shell-Thin	916	Acc-sx	LinStatic	-0.0257	-0.0106	-0.0344
839	525	Shell-Thin	807	Acc-cx	LinStatic	0.4554	0.2863	-0.0238
839	525	Shell-Thin	822	Acc-cx	LinStatic	0.4554	0.2863	0.0238

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
839	525	Shell-Thin	920	Acc-cx	LinStatic	0.1069	0.2165	0.0238
839	525	Shell-Thin	916	Acc-cx	LinStatic	0.1069	0.2165	-0.0238
839	525	Shell-Thin	807	Acc-dx	LinStatic	-0.0520	-0.0033	0.0207
839	525	Shell-Thin	822	Acc-dx	LinStatic	-0.0545	-0.0163	0.0178
839	525	Shell-Thin	920	Acc-dx	LinStatic	-0.0257	-0.0105	0.0344
839	525	Shell-Thin	916	Acc-dx	LinStatic	-0.0231	0.0024	0.0373
839	525	Shell-Thin	807	Sis-X	LinStatic	-0.0077	-8.563E-04	1.179E-05
839	525	Shell-Thin	822	Sis-X	LinStatic	-0.0077	-8.563E-04	-1.249E-05
839	525	Shell-Thin	920	Sis-X	LinStatic	-0.0039	-1.002E-04	-1.269E-05
839	525	Shell-Thin	916	Sis-X	LinStatic	-0.0039	-1.003E-04	1.159E-05
839	525	Shell-Thin	807	Sis-Y	LinStatic	-0.0126	-0.0038	-0.0047
839	525	Shell-Thin	822	Sis-Y	LinStatic	-0.0119	-4.314E-04	-0.0053
839	525	Shell-Thin	920	Sis-Y	LinStatic	-0.0054	8.604E-04	-0.0095
839	525	Shell-Thin	916	Sis-Y	LinStatic	-0.0061	-0.0025	-0.0089
839	525	Shell-Thin	807	Sis-Z	LinStatic	0.1294	0.0686	-0.0071
839	525	Shell-Thin	822	Sis-Z	LinStatic	0.1294	0.0686	0.0071
839	525	Shell-Thin	920	Sis-Z	LinStatic	0.0311	0.0489	0.0071
839	525	Shell-Thin	916	Sis-Z	LinStatic	0.0311	0.0489	-0.0071
839	525	Shell-Thin	807	Urto	LinStatic	-0.0449	-0.0063	1.957E-04
839	525	Shell-Thin	822	Urto	LinStatic	-0.0449	-0.0063	-2.004E-04
839	525	Shell-Thin	920	Urto	LinStatic	-0.0223	-0.0018	-2.018E-04
839	525	Shell-Thin	916	Urto	LinStatic	-0.0223	-0.0018	1.943E-04
839	525	Shell-Thin	807	Acqua	LinStatic	0.1306	0.0259	-0.0042
839	525	Shell-Thin	822	Acqua	LinStatic	0.1306	0.0259	0.0042
839	525	Shell-Thin	920	Acqua	LinStatic	0.0578	0.0114	0.0042
839	525	Shell-Thin	916	Acqua	LinStatic	0.0578	0.0114	-0.0042
883	569	Shell-Thin	821	PP	LinStatic	0.4700	0.1900	-0.0254
883	569	Shell-Thin	836	PP	LinStatic	0.4700	0.1900	0.0254
883	569	Shell-Thin	966	PP	LinStatic	0.1078	0.1175	0.0254
883	569	Shell-Thin	962	PP	LinStatic	0.1078	0.1175	-0.0254
883	569	Shell-Thin	821	Terreno	LinStatic	0.6765	0.4948	-0.0414
883	569	Shell-Thin	836	Terreno	LinStatic	0.6765	0.4948	0.0414
883	569	Shell-Thin	966	Terreno	LinStatic	0.1333	0.3861	0.0414
883	569	Shell-Thin	962	Terreno	LinStatic	0.1333	0.3861	-0.0414
883	569	Shell-Thin	821	Acc-sx	LinStatic	-0.0547	-0.0164	-0.0178
883	569	Shell-Thin	836	Acc-sx	LinStatic	-0.0521	-0.0034	-0.0208
883	569	Shell-Thin	966	Acc-sx	LinStatic	-0.0232	0.0024	-0.0373
883	569	Shell-Thin	962	Acc-sx	LinStatic	-0.0257	-0.0106	-0.0344
883	569	Shell-Thin	821	Acc-cx	LinStatic	0.4554	0.2863	-0.0238
883	569	Shell-Thin	836	Acc-cx	LinStatic	0.4554	0.2863	0.0238
883	569	Shell-Thin	966	Acc-cx	LinStatic	0.1069	0.2165	0.0238
883	569	Shell-Thin	962	Acc-cx	LinStatic	0.1069	0.2165	-0.0238
883	569	Shell-Thin	821	Acc-dx	LinStatic	-0.0520	-0.0033	0.0207
883	569	Shell-Thin	836	Acc-dx	LinStatic	-0.0545	-0.0163	0.0178
883	569	Shell-Thin	966	Acc-dx	LinStatic	-0.0257	-0.0105	0.0344
883	569	Shell-Thin	962	Acc-dx	LinStatic	-0.0231	0.0024	0.0373
883	569	Shell-Thin	821	Sis-X	LinStatic	0.0115	0.0038	-6.510E-05
883	569	Shell-Thin	836	Sis-X	LinStatic	0.0115	0.0038	6.504E-05
883	569	Shell-Thin	966	Sis-X	LinStatic	0.0039	0.0023	6.501E-05
883	569	Shell-Thin	962	Sis-X	LinStatic	0.0039	0.0023	-6.513E-05
883	569	Shell-Thin	821	Sis-Y	LinStatic	-0.0126	-0.0038	-0.0047
883	569	Shell-Thin	836	Sis-Y	LinStatic	-0.0119	-4.314E-04	-0.0053
883	569	Shell-Thin	966	Sis-Y	LinStatic	-0.0054	8.604E-04	-0.0095
883	569	Shell-Thin	962	Sis-Y	LinStatic	-0.0061	-0.0025	-0.0089

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
Text	Text	Text	Text	Text	Text	Kip/in	Kip/in	Kip/in
883	569	Shell-Thin	821	Sis-Z	LinStatic	0.1294	0.0686	-0.0071
883	569	Shell-Thin	836	Sis-Z	LinStatic	0.1294	0.0686	0.0071
883	569	Shell-Thin	966	Sis-Z	LinStatic	0.0311	0.0489	0.0071
883	569	Shell-Thin	962	Sis-Z	LinStatic	0.0311	0.0489	-0.0071
883	569	Shell-Thin	821	Urto	LinStatic	0.0807	0.0352	-6.968E-04
883	569	Shell-Thin	836	Urto	LinStatic	0.0807	0.0352	6.949E-04
883	569	Shell-Thin	966	Urto	LinStatic	0.0218	0.0234	6.943E-04
883	569	Shell-Thin	962	Urto	LinStatic	0.0218	0.0234	-6.974E-04
883	569	Shell-Thin	821	Acqua	LinStatic	0.1306	0.0259	-0.0042
883	569	Shell-Thin	836	Acqua	LinStatic	0.1306	0.0259	0.0042
883	569	Shell-Thin	966	Acqua	LinStatic	0.0578	0.0114	0.0042
883	569	Shell-Thin	962	Acqua	LinStatic	0.0578	0.0114	-0.0042

Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
49	43	59	PP	-0.0527	-0.4416	0.799	0.4178	1.9764
49	43	67	PP	-0.0527	-0.4413	0.063	0.4175	1.9761
49	43	68	PP	-0.0761	-0.4461	0.515	0.4133	1.6933
49	43	60	PP	-0.0760	-0.4464	1.288	0.4137	1.6982
49	43	59	Terreno	0.0080	-0.5580	-0.122	0.5620	2.6493
49	43	67	Terreno	0.0078	-0.5588	-9.219E-03	0.5627	2.6369
49	43	68	Terreno	-0.0270	-0.5657	0.063	0.5527	1.8278
49	43	60	Terreno	-0.0268	-0.5650	-0.055	0.5520	1.8233
49	43	59	Acc-sx	-4.958E-04	-0.0259	-0.548	0.0257	-0.7525
49	43	67	Acc-sx	-5.180E-04	-0.0260	-0.018	0.0258	-0.7534
49	43	68	Acc-sx	7.929E-04	-0.0258	-0.301	0.0262	-0.5587
49	43	60	Acc-sx	8.174E-04	-0.0257	-0.811	0.0261	-0.5599
49	43	59	Acc-cx	-0.0563	-0.2744	1.531	0.2510	1.1439
49	43	67	Acc-cx	-0.0564	-0.2738	0.112	0.2505	1.1497
49	43	68	Acc-cx	-0.0611	-0.2748	0.599	0.2499	1.0801
49	43	60	Acc-cx	-0.0609	-0.2755	2.040	0.2506	1.0798
49	43	59	Acc-dx	0.0250	0.0104	87.703	0.0217	0.9431
49	43	67	Acc-dx	0.0250	0.0105	89.872	0.0218	0.9461
49	43	68	Acc-dx	0.0247	0.0088	89.024	0.0217	0.3879
49	43	60	Acc-dx	0.0246	0.0087	87.041	0.0216	0.3908
49	43	59	Sis-X	0.0012	-0.0215	73.864	0.0221	-0.0157
49	43	67	Sis-X	0.0012	-0.0245	66.043	0.0251	0.0033
49	43	68	Sis-X	0.0136	-0.0137	46.797	0.0236	-0.0025
49	43	60	Sis-X	0.0118	-0.0089	50.170	0.0179	-0.0092
49	43	59	Sis-Y	-2.787E-04	-0.0067	-0.612	0.0066	-0.1822
49	43	67	Sis-Y	-2.843E-04	-0.0067	-0.021	0.0066	-0.1825
49	43	68	Sis-Y	7.189E-05	-0.0067	-0.295	0.0067	-0.1347
49	43	60	Sis-Y	7.812E-05	-0.0066	-0.861	0.0067	-0.1350
49	43	59	Sis-Z	-0.0060	-0.0977	0.162	0.0949	0.4166
49	43	67	Sis-Z	-0.0060	-0.0978	0.014	0.0949	0.4147
49	43	68	Sis-Z	-0.0119	-0.0990	0.235	0.0936	0.3826
49	43	60	Sis-Z	-0.0119	-0.0989	0.391	0.0935	0.3823
49	43	59	Urto	0.0075	-0.0984	75.442	0.1024	-0.0682
49	43	67	Urto	0.0048	-0.1090	68.667	0.1115	0.0175
49	43	68	Urto	0.0522	-0.0623	50.296	0.0993	-0.0184

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
49	43	60	Urto	0.0475	-0.0444	54.485	0.0796	-0.0517
49	43	59	Acqua	0.0321	0.0085	-84.798	0.0288	-0.5873
49	43	67	Acqua	0.0321	0.0087	-89.697	0.0287	-0.6007
49	43	68	Acqua	0.0299	-0.0023	-88.467	0.0311	0.1358
49	43	60	Acqua	0.0299	-0.0026	-84.925	0.0313	0.1362
52	46	62	PP	-0.0958	-0.3109	1.652	0.2758	1.2485
52	46	70	PP	-0.0955	-0.3087	0.824	0.2737	1.2629
52	46	71	PP	-0.1066	-0.3108	-0.106	0.2736	1.0773
52	46	63	PP	-0.1070	-0.3130	0.767	0.2755	1.0556
52	46	62	Terreno	-0.0846	-0.5696	-0.379	0.5323	1.1997
52	46	70	Terreno	-0.0845	-0.5687	0.029	0.5315	1.2391
52	46	71	Terreno	-0.1056	-0.5729	-0.513	0.5281	1.3483
52	46	63	Terreno	-0.1057	-0.5739	-0.935	0.5290	1.2949
52	46	62	Acc-sx	-2.098E-04	-0.0255	-0.259	0.0254	-0.1734
52	46	70	Acc-sx	-2.554E-04	-0.0257	-0.324	0.0256	-0.1762
52	46	71	Acc-sx	-0.0010	-0.0259	0.657	0.0254	0.0219
52	46	63	Acc-sx	-9.824E-04	-0.0257	0.731	0.0252	0.0258
52	46	62	Acc-cx	-0.0650	-0.2537	0.302	0.2282	1.0133
52	46	70	Acc-cx	-0.0658	-0.2575	0.148	0.2317	1.0390
52	46	71	Acc-cx	-0.0579	-0.2559	-0.198	0.2324	1.0389
52	46	63	Acc-cx	-0.0571	-0.2521	-0.053	0.2289	1.0029
52	46	62	Acc-dx	0.0254	0.0100	88.966	0.0222	-0.3624
52	46	70	Acc-dx	0.0258	0.0100	89.222	0.0225	-0.3647
52	46	71	Acc-dx	0.0261	0.0114	-89.189	0.0226	-0.5649
52	46	63	Acc-dx	0.0257	0.0114	-89.429	0.0223	-0.5632
52	46	62	Sis-X	0.0092	-0.0083	48.410	0.0152	-0.0101
52	46	70	Sis-X	0.0090	-0.0076	49.265	0.0144	-0.0071
52	46	71	Sis-X	0.0101	-0.0071	47.323	0.0150	-0.0086
52	46	63	Sis-X	0.0103	-0.0078	46.595	0.0157	-0.0100
52	46	62	Sis-Y	-1.705E-04	-0.0066	-0.176	0.0065	-0.0400
52	46	70	Sis-Y	-1.812E-04	-0.0067	-0.279	0.0066	-0.0407
52	46	71	Sis-Y	-3.830E-04	-0.0067	0.637	0.0065	0.0080
52	46	63	Sis-Y	-3.718E-04	-0.0066	0.750	0.0065	0.0089
52	46	62	Sis-Z	-0.0201	-0.0865	0.366	0.0784	0.3410
52	46	70	Sis-Z	-0.0200	-0.0860	0.331	0.0780	0.3470
52	46	71	Sis-Z	-0.0239	-0.0868	-0.394	0.0776	0.3340
52	46	63	Sis-Z	-0.0240	-0.0872	-0.353	0.0781	0.3259
52	46	62	Urto	0.0478	-0.0451	52.154	0.0804	-0.0713
52	46	70	Urto	0.0486	-0.0406	53.630	0.0774	-0.0670
52	46	71	Urto	0.0564	-0.0379	50.969	0.0822	-0.0837
52	46	63	Urto	0.0557	-0.0426	49.676	0.0854	-0.0765
52	46	62	Acqua	0.0195	-0.0210	-84.247	0.0351	0.7239
52	46	70	Acqua	0.0192	-0.0206	-88.200	0.0344	0.7266
52	46	71	Acqua	0.0183	-0.0251	-88.028	0.0377	0.6769
52	46	63	Acqua	0.0186	-0.0255	-84.404	0.0384	0.6729
55	49	65	PP	-0.0789	-0.2040	-1.148	0.1781	0.6280
55	49	73	PP	-0.0795	-0.2067	-0.663	0.1806	0.6536
55	49	74	PP	-0.0746	-0.2057	-0.072	0.1804	0.3578
55	49	66	PP	-0.0741	-0.2029	-0.533	0.1779	0.3310
55	49	65	Terreno	-0.1500	-0.5955	-1.320	0.5364	1.9329
55	49	73	Terreno	-0.1516	-0.6022	-0.539	0.5426	1.9903
55	49	74	Terreno	-0.1874	-0.6093	-0.067	0.5406	2.3287
55	49	66	Terreno	-0.1859	-0.6025	-0.895	0.5344	2.2494
55	49	65	Acc-sx	-6.936E-04	-0.0256	0.557	0.0253	0.4565

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
55	49	73	Acc-sx	-6.021E-04	-0.0251	0.405	0.0248	0.4537
55	49	74	Acc-sx	1.350E-04	-0.0250	-0.030	0.0251	0.6937
55	49	66	Acc-sx	4.245E-05	-0.0255	0.124	0.0255	0.6994
55	49	65	Acc-cx	-0.0292	-0.2751	-2.300	0.2617	0.9198
55	49	73	Acc-cx	-0.0307	-0.2803	-0.693	0.2662	0.9584
55	49	74	Acc-cx	-0.0260	-0.2793	-0.124	0.2672	0.7913
55	49	66	Acc-cx	-0.0246	-0.2739	-1.699	0.2625	0.7385
55	49	65	Acc-dx	0.0254	0.0143	-87.806	0.0220	-0.6143
55	49	73	Acc-dx	0.0252	0.0143	-89.061	0.0219	-0.6157
55	49	74	Acc-dx	0.0257	0.0168	89.974	0.0226	-0.4638
55	49	66	Acc-dx	0.0259	0.0168	-88.479	0.0227	-0.4669
55	49	65	Sis-X	0.0124	-0.0079	41.441	0.0178	-0.0113
55	49	73	Sis-X	0.0129	-0.0080	42.006	0.0183	-0.0066
55	49	74	Sis-X	0.0097	-0.0033	37.989	0.0117	-0.0267
55	49	66	Sis-X	0.0092	-0.0033	36.891	0.0112	0.0087
55	49	65	Sis-Y	-3.271E-04	-0.0066	0.598	0.0064	0.1146
55	49	73	Sis-Y	-3.060E-04	-0.0065	0.402	0.0063	0.1140
55	49	74	Sis-Y	-1.478E-04	-0.0065	-0.027	0.0064	0.1728
55	49	66	Sis-Y	-1.691E-04	-0.0066	0.171	0.0065	0.1741
55	49	65	Sis-Z	-0.0273	-0.0776	-0.967	0.0682	0.2728
55	49	73	Sis-Z	-0.0275	-0.0785	-0.523	0.0690	0.2814
55	49	74	Sis-Z	-0.0314	-0.0793	-0.051	0.0692	0.2221
55	49	66	Sis-Z	-0.0312	-0.0784	-0.518	0.0683	0.2122
55	49	65	Urto	0.0701	-0.0431	42.774	0.0989	-0.0913
55	49	73	Urto	0.0741	-0.0412	43.786	0.1012	-0.0806
55	49	74	Urto	0.0561	-0.0142	40.542	0.0644	-0.1942
55	49	66	Urto	0.0524	-0.0163	38.781	0.0622	0.0116
55	49	65	Acqua	0.0033	-0.0357	-83.996	0.0375	0.1085
55	49	73	Acqua	0.0028	-0.0353	-87.911	0.0368	0.1117
55	49	74	Acqua	0.0012	-0.0431	-89.723	0.0437	-0.3070
55	49	66	Acqua	0.0015	-0.0432	-86.298	0.0440	-0.3178
147	141	175	PP	-0.0508	-0.4415	0.813	0.4184	-1.9780
147	141	183	PP	-0.0508	-0.4412	0.064	0.4181	-1.9783
147	141	184	PP	-0.0749	-0.4461	0.518	0.4137	-1.6949
147	141	176	PP	-0.0748	-0.4465	1.307	0.4142	-1.6999
147	141	175	Terreno	0.0122	-0.5577	-0.093	0.5639	-2.6528
147	141	183	Terreno	0.0121	-0.5585	-7.515E-03	0.5646	-2.6422
147	141	184	Terreno	-0.0244	-0.5658	0.071	0.5540	-1.8315
147	141	176	Terreno	-0.0242	-0.5650	-0.019	0.5533	-1.8271
147	141	175	Acc-sx	0.0250	0.0113	87.300	0.0217	-0.9410
147	141	183	Acc-sx	0.0251	0.0113	89.849	0.0218	-0.9443
147	141	184	Acc-sx	0.0247	0.0093	88.936	0.0216	-0.3863
147	141	176	Acc-sx	0.0247	0.0092	86.662	0.0216	-0.3892
147	141	175	Acc-cx	-0.0559	-0.2744	1.534	0.2511	-1.1442
147	141	183	Acc-cx	-0.0560	-0.2738	0.112	0.2505	-1.1501
147	141	184	Acc-cx	-0.0609	-0.2748	0.600	0.2500	-1.0804
147	141	176	Acc-cx	-0.0607	-0.2755	2.045	0.2507	-1.0800
147	141	175	Acc-dx	-0.0018	-0.0260	-0.809	0.0252	0.7508
147	141	183	Acc-dx	-0.0018	-0.0261	-0.032	0.0253	0.7522
147	141	184	Acc-dx	1.894E-05	-0.0258	-0.364	0.0258	0.5575
147	141	176	Acc-dx	4.556E-05	-0.0257	-1.097	0.0257	0.5588
147	141	175	Sis-X	0.0010	-0.0224	74.283	0.0229	0.0158
147	141	183	Sis-X	0.0010	-0.0254	66.337	0.0260	-0.0027
147	141	184	Sis-X	0.0138	-0.0140	46.819	0.0241	0.0025

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
147	141	176	Sis-X	0.0119	-0.0090	50.244	0.0181	0.0095
147	141	175	Sis-Y	0.0065	0.0017	88.448	0.0058	-0.2174
147	141	183	Sis-Y	0.0065	0.0017	89.917	0.0059	-0.2181
147	141	184	Sis-Y	0.0065	0.0014	89.344	0.0059	-0.1114
147	141	176	Sis-Y	0.0065	0.0014	87.941	0.0059	-0.1120
147	141	175	Sis-Z	-0.0053	-0.0977	0.190	0.0951	-0.4172
147	141	183	Sis-Z	-0.0053	-0.0977	0.015	0.0952	-0.4156
147	141	184	Sis-Z	-0.0114	-0.0990	0.242	0.0938	-0.3832
147	141	176	Sis-Z	-0.0114	-0.0989	0.427	0.0937	-0.3830
147	141	175	Urto	0.0067	-0.1029	75.894	0.1065	0.0687
147	141	183	Urto	0.0042	-0.1138	68.982	0.1160	-0.0142
147	141	184	Urto	0.0530	-0.0637	50.352	0.1013	0.0192
147	141	176	Urto	0.0478	-0.0450	54.651	0.0803	0.0536
147	141	175	Acqua	0.0323	0.0115	-84.630	0.0283	0.5848
147	141	183	Acqua	0.0322	0.0117	-89.688	0.0283	0.5971
147	141	184	Acqua	0.0298	-4.472E-04	-88.469	0.0301	-0.1384
147	141	176	Acqua	0.0299	-6.871E-04	-85.046	0.0302	-0.1389
150	144	178	PP	-0.0954	-0.3107	1.645	0.2757	-1.2493
150	144	186	PP	-0.0951	-0.3084	0.822	0.2736	-1.2638
150	144	187	PP	-0.1064	-0.3106	-0.108	0.2734	-1.0778
150	144	179	PP	-0.1068	-0.3128	0.760	0.2754	-1.0561
150	144	178	Terreno	-0.0837	-0.5691	-0.384	0.5323	-1.2015
150	144	186	Terreno	-0.0835	-0.5682	0.028	0.5314	-1.2411
150	144	187	Terreno	-0.1052	-0.5726	-0.516	0.5279	-1.3495
150	144	179	Terreno	-0.1053	-0.5736	-0.942	0.5289	-1.2960
150	144	178	Acc-sx	0.0255	0.0101	89.024	0.0222	0.3633
150	144	186	Acc-sx	0.0259	0.0102	89.238	0.0226	0.3656
150	144	187	Acc-sx	0.0262	0.0115	-89.166	0.0227	0.5654
150	144	179	Acc-sx	0.0257	0.0114	-89.358	0.0223	0.5636
150	144	178	Acc-cx	-0.0650	-0.2536	0.301	0.2282	-1.0135
150	144	186	Acc-cx	-0.0657	-0.2574	0.148	0.2317	-1.0392
150	144	187	Acc-cx	-0.0578	-0.2558	-0.198	0.2324	-1.0390
150	144	179	Acc-cx	-0.0571	-0.2521	-0.055	0.2289	-1.0030
150	144	178	Acc-dx	-4.852E-04	-0.0256	-0.210	0.0254	0.1727
150	144	186	Acc-dx	-5.327E-04	-0.0259	-0.311	0.0256	0.1756
150	144	187	Acc-dx	-0.0012	-0.0260	0.677	0.0254	-0.0222
150	144	179	Acc-dx	-0.0011	-0.0258	0.788	0.0252	-0.0262
150	144	178	Sis-X	0.0091	-0.0083	48.402	0.0151	0.0102
150	144	186	Sis-X	0.0090	-0.0076	49.315	0.0143	0.0072
150	144	187	Sis-X	0.0101	-0.0070	47.330	0.0149	0.0086
150	144	179	Sis-X	0.0102	-0.0078	46.553	0.0157	0.0100
150	144	178	Sis-Y	0.0065	0.0020	89.337	0.0058	0.0617
150	144	186	Sis-Y	0.0066	0.0020	89.453	0.0059	0.0621
150	144	187	Sis-Y	0.0067	0.0025	-89.303	0.0059	0.1205
150	144	179	Sis-Y	0.0066	0.0024	-89.407	0.0058	0.1203
150	144	178	Sis-Z	-0.0200	-0.0864	0.359	0.0783	-0.3413
150	144	186	Sis-Z	-0.0199	-0.0859	0.329	0.0779	-0.3473
150	144	187	Sis-Z	-0.0238	-0.0867	-0.398	0.0776	-0.3342
150	144	179	Sis-Z	-0.0239	-0.0872	-0.362	0.0780	-0.3261
150	144	178	Urto	0.0474	-0.0454	52.178	0.0804	0.0719
150	144	186	Urto	0.0483	-0.0407	53.708	0.0772	0.0676
150	144	187	Urto	0.0561	-0.0379	50.993	0.0819	0.0841
150	144	179	Urto	0.0555	-0.0427	49.654	0.0853	0.0769
150	144	178	Acqua	0.0199	-0.0203	-84.147	0.0347	-0.7252

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
150	144	186	Acqua	0.0195	-0.0199	-88.173	0.0341	-0.7280
150	144	187	Acqua	0.0185	-0.0248	-88.002	0.0376	-0.6777
150	144	179	Acqua	0.0189	-0.0252	-84.338	0.0383	-0.6736
153	147	181	PP	-0.0790	-0.2039	-1.168	0.1781	-0.6280
153	147	189	PP	-0.0796	-0.2066	-0.670	0.1805	-0.6536
153	147	190	PP	-0.0749	-0.2057	-0.073	0.1803	-0.3576
153	147	182	PP	-0.0743	-0.2029	-0.547	0.1778	-0.3308
153	147	181	Terreno	-0.1503	-0.5953	-1.333	0.5362	-1.9329
153	147	189	Terreno	-0.1518	-0.6021	-0.544	0.5424	-1.9902
153	147	190	Terreno	-0.1880	-0.6093	-0.067	0.5404	-2.3282
153	147	182	Terreno	-0.1865	-0.6024	-0.906	0.5342	-2.2488
153	147	181	Acc-sx	0.0254	0.0143	-87.715	0.0220	0.6138
153	147	189	Acc-sx	0.0252	0.0143	-89.032	0.0219	0.6152
153	147	190	Acc-sx	0.0257	0.0167	89.980	0.0226	0.4627
153	147	182	Acc-sx	0.0259	0.0168	-88.402	0.0227	0.4658
153	147	181	Acc-cx	-0.0293	-0.2750	-2.302	0.2616	-0.9197
153	147	189	Acc-cx	-0.0307	-0.2803	-0.694	0.2662	-0.9584
153	147	190	Acc-cx	-0.0260	-0.2793	-0.124	0.2672	-0.7912
153	147	182	Acc-cx	-0.0247	-0.2739	-1.700	0.2624	-0.7384
153	147	181	Acc-dx	-6.508E-04	-0.0256	0.623	0.0253	-0.4559
153	147	189	Acc-dx	-5.606E-04	-0.0252	0.426	0.0249	-0.4532
153	147	190	Acc-dx	2.646E-04	-0.0250	-0.026	0.0251	-0.6927
153	147	182	Acc-dx	1.731E-04	-0.0255	0.172	0.0255	-0.6983
153	147	181	Sis-X	0.0124	-0.0079	41.404	0.0177	0.0112
153	147	189	Sis-X	0.0129	-0.0079	41.978	0.0183	0.0066
153	147	190	Sis-X	0.0097	-0.0033	37.925	0.0117	0.0266
153	147	182	Sis-X	0.0092	-0.0033	36.811	0.0112	-0.0087
153	147	181	Sis-Y	0.0065	0.0033	-87.999	0.0056	0.1569
153	147	189	Sis-Y	0.0065	0.0033	-89.187	0.0056	0.1571
153	147	190	Sis-Y	0.0066	0.0040	89.984	0.0058	0.1250
153	147	182	Sis-Y	0.0067	0.0040	-88.568	0.0058	0.1259
153	147	181	Sis-Z	-0.0273	-0.0776	-0.986	0.0682	-0.2727
153	147	189	Sis-Z	-0.0275	-0.0785	-0.529	0.0690	-0.2814
153	147	190	Sis-Z	-0.0315	-0.0793	-0.053	0.0692	-0.2220
153	147	182	Sis-Z	-0.0313	-0.0784	-0.533	0.0683	-0.2121
153	147	181	Urto	0.0701	-0.0430	42.733	0.0989	0.0913
153	147	189	Urto	0.0741	-0.0412	43.751	0.1011	0.0805
153	147	190	Urto	0.0562	-0.0141	40.451	0.0644	0.1940
153	147	182	Urto	0.0524	-0.0163	38.681	0.0622	-0.0118
153	147	181	Acqua	0.0034	-0.0359	-83.943	0.0377	-0.1085
153	147	189	Acqua	0.0029	-0.0355	-87.894	0.0370	-0.1117
153	147	190	Acqua	0.0012	-0.0435	-89.722	0.0441	0.3073
153	147	182	Acqua	0.0016	-0.0436	-86.277	0.0445	0.3182
517	203	59	PP	0.0234	-0.0618	2.215	0.0763	1.9858
517	203	603	PP	0.0241	-0.0617	2.113	0.0767	0.6761
517	203	604	PP	0.0242	-0.0606	0.041	0.0757	0.6537
517	203	67	PP	0.0234	-0.0608	0.128	0.0753	1.9554
517	203	59	Terreno	0.0700	-0.2480	-0.047	0.2894	2.6686
517	203	603	Terreno	0.0471	-0.2525	-0.241	0.2791	0.9736
517	203	604	Terreno	0.0474	-0.2510	-0.192	0.2778	0.9450
517	203	67	Terreno	0.0703	-0.2464	3.508E-04	0.2881	2.6609
517	203	59	Acc-sx	0.0533	0.0153	-88.877	0.0475	-0.7480
517	203	603	Acc-sx	0.0537	0.0172	-88.547	0.0475	-0.7313
517	203	604	Acc-sx	0.0534	0.0172	-89.633	0.0472	-0.7306

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
517	203	67	Acc-sx	0.0530	0.0153	-89.921	0.0473	-0.7459
517	203	59	Acc-cx	-0.0047	-0.0217	14.156	0.0197	1.1311
517	203	603	Acc-cx	0.0013	-0.0205	12.458	0.0212	0.2870
517	203	604	Acc-cx	5.690E-04	-0.0184	2.483	0.0186	0.2749
517	203	67	Acc-cx	-0.0055	-0.0195	1.028	0.0174	1.1036
517	203	59	Acc-dx	-0.0263	-0.1591	0.468	0.1477	0.9429
517	203	603	Acc-dx	-0.0249	-0.1589	0.568	0.1480	0.9160
517	203	604	Acc-dx	-0.0249	-0.1589	0.136	0.1481	0.9174
517	203	67	Acc-dx	-0.0264	-0.1592	0.032	0.1478	0.9407
517	203	59	Sis-X	-0.0014	-0.0203	82.251	0.0196	0.0018
517	203	603	Sis-X	0.0015	-0.0093	72.540	0.0102	-0.0113
517	203	604	Sis-X	-0.0017	-0.0090	80.402	0.0083	0.0056
517	203	67	Sis-X	-0.0042	-0.0205	87.802	0.0187	-0.0286
517	203	59	Sis-Y	0.0131	0.0037	-88.781	0.0117	-0.1813
517	203	603	Sis-Y	0.0132	0.0040	-88.412	0.0117	-0.1783
517	203	604	Sis-Y	0.0131	0.0040	-89.573	0.0116	-0.1782
517	203	67	Sis-Y	0.0130	0.0037	-89.914	0.0117	-0.1808
517	203	59	Sis-Z	0.0120	-0.0076	0.483	0.0171	0.4188
517	203	603	Sis-Z	0.0090	-0.0082	0.076	0.0148	0.1268
517	203	604	Sis-Z	0.0090	-0.0079	-0.448	0.0146	0.1213
517	203	67	Sis-Z	0.0121	-0.0073	0.030	0.0169	0.4155
517	203	59	Urto	-0.0092	-0.0952	83.074	0.0910	-0.0014
517	203	603	Urto	0.0037	-0.0438	74.469	0.0457	-0.0479
517	203	604	Urto	-0.0098	-0.0428	84.218	0.0388	0.0226
517	203	67	Urto	-0.0208	-0.0961	88.960	0.0876	-0.1226
517	203	59	Acqua	0.2425	0.0508	-89.266	0.2215	-0.5780
517	203	603	Acqua	0.2396	0.0362	-89.087	0.2237	-0.2655
517	203	604	Acqua	0.2401	0.0364	-89.731	0.2242	-0.2752
517	203	67	Acqua	0.2430	0.0509	-89.949	0.2220	-0.5770
581	267	657	PP	2.592E-04	-0.0991	-1.271	0.0992	-0.0086
581	267	672	PP	-6.304E-05	-0.0991	-0.288	0.0991	-0.0086
581	267	673	PP	0.0021	-0.0883	-0.167	0.0894	-0.4201
581	267	658	PP	0.0024	-0.0883	-1.244	0.0895	-0.4201
581	267	657	Terreno	8.038E-05	-0.3239	-0.536	0.3239	-0.0105
581	267	672	Terreno	-6.325E-04	-0.3240	-0.187	0.3237	-0.0105
581	267	673	Terreno	0.0028	-0.3066	-0.152	0.3081	-0.6369
581	267	658	Terreno	0.0036	-0.3065	-0.517	0.3083	-0.6369
581	267	657	Acc-sx	-0.0233	-0.1761	6.427	0.1656	-9.845E-04
581	267	672	Acc-sx	-0.0033	-0.1708	4.072	0.1691	8.540E-04
581	267	673	Acc-sx	7.548E-04	-0.1503	4.194	0.1507	0.0551
581	267	658	Acc-sx	-0.0192	-0.1557	6.846	0.1470	-0.0259
581	267	657	Acc-cx	2.495E-04	-0.0345	-1.440	0.0346	-0.0051
581	267	672	Acc-cx	2.306E-04	-0.0344	0.011	0.0345	-0.0051
581	267	673	Acc-cx	8.374E-04	-0.0314	0.241	0.0318	-0.3471
581	267	658	Acc-cx	8.509E-04	-0.0314	-1.320	0.0319	-0.3471
581	267	657	Acc-dx	0.0815	0.0204	-73.479	0.0735	8.536E-04
581	267	672	Acc-dx	0.0743	0.0023	-80.547	0.0732	-9.847E-04
581	267	673	Acc-dx	0.0519	-0.0025	-78.276	0.0532	-0.0257
581	267	658	Acc-dx	0.0603	0.0144	-68.135	0.0545	0.0553
581	267	657	Sis-X	0.0076	2.184E-05	87.912	0.0076	9.835E-05
581	267	672	Sis-X	0.0076	1.188E-04	88.711	0.0076	9.850E-05
581	267	673	Sis-X	0.0056	-2.817E-04	88.441	0.0058	0.0279
581	267	658	Sis-X	0.0056	-3.800E-04	87.434	0.0058	0.0279
581	267	657	Sis-Y	-0.0045	-0.0318	7.055	0.0298	-2.373E-04

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
581	267	672	Sis-Y	-6.171E-04	-0.0308	4.449	0.0305	2.134E-04
581	267	673	Sis-Y	1.745E-04	-0.0269	4.752	0.0269	0.0124
581	267	658	Sis-Y	-0.0037	-0.0279	7.729	0.0263	-0.0070
581	267	657	Sis-Z	3.092E-05	-0.0207	-1.633	0.0207	-0.0018
581	267	672	Sis-Z	-1.028E-04	-0.0207	-0.562	0.0206	-0.0018
581	267	673	Sis-Z	5.604E-04	-0.0173	-0.488	0.0176	-0.1093
581	267	658	Sis-Z	6.942E-04	-0.0173	-1.717	0.0177	-0.1093
581	267	657	Urto	0.0378	1.209E-04	87.845	0.0378	5.137E-04
581	267	672	Urto	0.0379	6.407E-04	88.648	0.0376	5.145E-04
581	267	673	Urto	0.0276	-0.0014	88.339	0.0283	0.1446
581	267	658	Urto	0.0275	-0.0020	87.315	0.0286	0.1446
581	267	657	Acqua	0.1975	-4.930E-04	-89.583	0.1977	8.431E-04
581	267	672	Acqua	0.1973	-0.0011	-89.676	0.1979	8.419E-04
581	267	673	Acqua	0.2093	0.0013	-89.693	0.2087	0.3184
581	267	658	Acqua	0.2094	0.0019	-89.604	0.2085	0.3184
587	273	663	PP	0.0094	-0.0641	-1.703	0.0693	-1.5061
587	273	678	PP	0.0097	-0.0640	1.207	0.0693	-1.5060
587	273	679	PP	0.0100	-0.0623	1.281	0.0679	-1.5468
587	273	664	PP	0.0098	-0.0624	-1.683	0.0678	-1.5469
587	273	663	Terreno	0.0056	-0.2522	-0.615	0.2550	-1.9811
587	273	678	Terreno	0.0063	-0.2520	0.344	0.2552	-1.9809
587	273	679	Terreno	0.0069	-0.2488	0.399	0.2524	-2.0244
587	273	664	Terreno	0.0062	-0.2490	-0.570	0.2522	-2.0246
587	273	663	Acc-sx	-0.0210	-0.1626	0.328	0.1532	-0.0495
587	273	678	Acc-sx	-0.0186	-0.1621	0.278	0.1537	0.1868
587	273	679	Acc-sx	-0.0186	-0.1622	0.079	0.1538	0.1893
587	273	664	Acc-sx	-0.0210	-0.1627	0.126	0.1533	-0.0487
587	273	663	Acc-cx	0.0031	-0.0273	-2.136	0.0290	-1.1246
587	273	678	Acc-cx	0.0031	-0.0273	1.551	0.0290	-1.1246
587	273	679	Acc-cx	0.0033	-0.0265	1.626	0.0283	-1.1499
587	273	664	Acc-cx	0.0032	-0.0265	-2.138	0.0283	-1.1499
587	273	663	Acc-dx	0.0562	0.0191	-88.735	0.0495	0.1874
587	273	678	Acc-dx	0.0557	0.0166	-89.068	0.0495	-0.0489
587	273	679	Acc-dx	0.0557	0.0167	-89.770	0.0495	-0.0481
587	273	664	Acc-dx	0.0562	0.0191	-89.474	0.0495	0.1899
587	273	663	Sis-X	-9.468E-04	-0.0014	6.741	0.0012	0.0116
587	273	678	Sis-X	-9.983E-04	-0.0014	-2.361	0.0012	0.0116
587	273	679	Sis-X	-0.0010	-0.0014	-6.273	0.0013	5.085E-06
587	273	664	Sis-X	-9.627E-04	-0.0014	2.324	0.0013	1.146E-05
587	273	663	Sis-Y	-0.0041	-0.0296	0.321	0.0278	-0.0155
587	273	678	Sis-Y	-0.0037	-0.0296	0.269	0.0279	0.0411
587	273	679	Sis-Y	-0.0037	-0.0296	0.075	0.0279	0.0416
587	273	664	Sis-Y	-0.0041	-0.0297	0.124	0.0278	-0.0154
587	273	663	Sis-Z	0.0019	-0.0080	-2.826	0.0091	-0.3678
587	273	678	Sis-Z	0.0020	-0.0079	1.685	0.0091	-0.3677
587	273	679	Sis-Z	0.0021	-0.0074	1.960	0.0087	-0.3766
587	273	664	Sis-Z	0.0020	-0.0075	-2.744	0.0087	-0.3766
587	273	663	Urto	-0.0032	-0.0104	2.794	0.0092	0.0634
587	273	678	Urto	-0.0035	-0.0105	1.790	0.0092	0.0633
587	273	679	Urto	-0.0038	-0.0118	0.485	0.0105	0.0038
587	273	664	Urto	-0.0035	-0.0118	1.402	0.0105	0.0039
587	273	663	Acqua	0.2489	0.0043	-89.930	0.2468	0.4681
587	273	678	Acqua	0.2490	0.0047	-89.995	0.2467	0.4683
587	273	679	Acqua	0.2500	0.0049	89.981	0.2475	0.4579

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
587	273	664	Acqua	0.2499	0.0045	-89.954	0.2476	0.4577
594	280	670	PP	0.0024	-0.0883	1.244	0.0895	-0.4201
594	280	685	PP	0.0021	-0.0883	0.167	0.0894	-0.4201
594	280	686	PP	-6.304E-05	-0.0991	0.288	0.0991	-0.0086
594	280	671	PP	2.592E-04	-0.0991	1.271	0.0992	-0.0086
594	280	670	Terreno	0.0036	-0.3065	0.517	0.3083	-0.6369
594	280	685	Terreno	0.0028	-0.3066	0.152	0.3081	-0.6369
594	280	686	Terreno	-6.325E-04	-0.3240	0.187	0.3237	-0.0105
594	280	671	Terreno	8.038E-05	-0.3239	0.536	0.3239	-0.0105
594	280	670	Acc-sx	-0.0192	-0.1557	-6.846	0.1470	-0.0259
594	280	685	Acc-sx	7.548E-04	-0.1503	-4.194	0.1507	0.0551
594	280	686	Acc-sx	-0.0033	-0.1708	-4.072	0.1691	8.540E-04
594	280	671	Acc-sx	-0.0233	-0.1761	-6.427	0.1656	-9.845E-04
594	280	670	Acc-cx	8.509E-04	-0.0314	1.320	0.0319	-0.3471
594	280	685	Acc-cx	8.374E-04	-0.0314	-0.241	0.0318	-0.3471
594	280	686	Acc-cx	2.306E-04	-0.0344	-0.011	0.0345	-0.0051
594	280	671	Acc-cx	2.495E-04	-0.0345	1.440	0.0346	-0.0051
594	280	670	Acc-dx	0.0603	0.0144	68.135	0.0545	0.0553
594	280	685	Acc-dx	0.0519	-0.0025	78.276	0.0532	-0.0257
594	280	686	Acc-dx	0.0743	0.0023	80.547	0.0732	-9.847E-04
594	280	671	Acc-dx	0.0815	0.0204	73.479	0.0735	8.536E-04
594	280	670	Sis-X	1.859E-04	-0.0039	1.889	0.0040	-0.0279
594	280	685	Sis-X	1.528E-04	-0.0039	0.838	0.0040	-0.0279
594	280	686	Sis-X	-2.678E-05	-0.0048	0.801	0.0048	-1.001E-04
594	280	671	Sis-X	6.034E-06	-0.0048	1.696	0.0048	-1.001E-04
594	280	670	Sis-Y	-0.0037	-0.0279	-7.729	0.0263	-0.0070
594	280	685	Sis-Y	1.745E-04	-0.0269	-4.752	0.0269	0.0124
594	280	686	Sis-Y	-6.171E-04	-0.0308	-4.449	0.0305	2.134E-04
594	280	671	Sis-Y	-0.0045	-0.0318	-7.055	0.0298	-2.373E-04
594	280	670	Sis-Z	6.942E-04	-0.0173	1.717	0.0177	-0.1093
594	280	685	Sis-Z	5.604E-04	-0.0173	0.488	0.0176	-0.1093
594	280	686	Sis-Z	-1.028E-04	-0.0207	0.562	0.0206	-0.0018
594	280	671	Sis-Z	3.092E-05	-0.0207	1.633	0.0207	-0.0018
594	280	670	Urto	3.073E-04	-0.0137	1.025	0.0138	-0.1432
594	280	685	Urto	3.415E-04	-0.0137	-0.099	0.0138	-0.1432
594	280	686	Urto	1.570E-04	-0.0146	0.035	0.0147	-5.278E-04
594	280	671	Urto	1.238E-04	-0.0146	1.103	0.0147	-5.279E-04
594	280	670	Acqua	0.2094	0.0019	89.604	0.2085	0.3184
594	280	685	Acqua	0.2093	0.0013	89.693	0.2087	0.3184
594	280	686	Acqua	0.1973	-0.0011	89.676	0.1979	8.419E-04
594	280	671	Acqua	0.1975	-4.930E-04	89.583	0.1977	8.431E-04
657	343	738	PP	0.0256	-0.0619	-2.242	0.0779	0.6767
657	343	175	PP	0.0252	-0.0620	-2.287	0.0777	1.9867
657	343	183	PP	0.0252	-0.0609	-0.134	0.0767	1.9561
657	343	739	PP	0.0256	-0.0609	-0.096	0.0770	0.6545
657	343	738	Terreno	0.0503	-0.2531	0.118	0.2816	0.9750
657	343	175	Terreno	0.0741	-0.2483	-0.035	0.2925	2.6709
657	343	183	Terreno	0.0744	-0.2468	-6.257E-03	0.2912	2.6624
657	343	739	Terreno	0.0506	-0.2516	0.149	0.2803	0.9467
657	343	738	Acc-sx	-0.0231	-0.1588	-0.637	0.1486	0.9151
657	343	175	Acc-sx	-0.0255	-0.1593	-0.510	0.1482	0.9423
657	343	183	Acc-sx	-0.0256	-0.1594	-0.035	0.1482	0.9399
657	343	739	Acc-sx	-0.0231	-0.1589	-0.168	0.1487	0.9167
657	343	738	Acc-cx	0.0016	-0.0205	-12.400	0.0214	0.2871

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
657	343	175	Acc-cx	-0.0044	-0.0217	-13.970	0.0199	1.1313
657	343	183	Acc-cx	-0.0052	-0.0196	-1.012	0.0176	1.1037
657	343	739	Acc-cx	8.349E-04	-0.0184	-2.487	0.0188	0.2750
657	343	738	Acc-dx	0.0537	0.0150	88.259	0.0479	-0.7306
657	343	175	Acc-dx	0.0534	0.0140	88.691	0.0480	-0.7476
657	343	183	Acc-dx	0.0532	0.0140	89.910	0.0478	-0.7453
657	343	739	Acc-dx	0.0534	0.0150	89.500	0.0477	-0.7300
657	343	738	Sis-X	0.0015	-0.0097	-73.911	0.0105	-0.0116
657	343	175	Sis-X	-0.0015	-0.0212	-82.792	0.0205	0.0016
657	343	183	Sis-X	-0.0043	-0.0214	-88.311	0.0196	-0.0292
657	343	739	Sis-X	-0.0018	-0.0095	-82.293	0.0087	0.0057
657	343	738	Sis-Y	-0.0049	-0.0286	-0.813	0.0265	0.2126
657	343	175	Sis-Y	-0.0053	-0.0287	-0.648	0.0265	0.2174
657	343	183	Sis-Y	-0.0053	-0.0287	-0.044	0.0265	0.2168
657	343	739	Sis-Y	-0.0049	-0.0287	-0.219	0.0266	0.2129
657	343	738	Sis-Z	0.0095	-0.0083	-0.413	0.0154	0.1270
657	343	175	Sis-Z	0.0127	-0.0076	-0.678	0.0178	0.4192
657	343	183	Sis-Z	0.0128	-0.0073	-0.044	0.0176	0.4157
657	343	739	Sis-Z	0.0096	-0.0080	0.317	0.0152	0.1216
657	343	738	Urto	0.0034	-0.0457	-76.136	0.0475	-0.0495
657	343	175	Urto	-0.0095	-0.0997	-83.685	0.0953	-0.0027
657	343	183	Urto	-0.0214	-0.1007	-89.452	0.0919	-0.1256
657	343	739	Urto	-0.0101	-0.0452	-86.199	0.0411	0.0227
657	343	738	Acqua	0.2392	0.0385	89.197	0.2225	-0.2645
657	343	175	Acqua	0.2422	0.0537	89.347	0.2203	-0.5764
657	343	183	Acqua	0.2427	0.0538	89.955	0.2208	-0.5759
657	343	739	Acqua	0.2397	0.0386	89.768	0.2229	-0.2740
671	357	66	PP	0.0434	-0.0248	89.224	0.0598	-0.4279
671	357	753	PP	0.0554	0.0352	87.612	0.0486	0.4357
671	357	754	PP	0.0540	0.0350	89.668	0.0475	0.4345
671	357	74	PP	0.0420	-0.0251	89.836	0.0587	-0.4376
671	357	66	Terreno	-0.1044	-0.1977	4.381	0.1713	-2.3434
671	357	753	Terreno	0.0213	-0.1724	2.656	0.1840	0.3844
671	357	754	Terreno	0.0203	-0.1753	0.746	0.1863	0.3679
671	357	74	Terreno	-0.1056	-0.2004	0.414	0.1737	-2.3658
671	357	66	Acc-sx	-0.0049	-0.0504	-0.670	0.0481	-0.6976
671	357	753	Acc-sx	-0.0086	-0.0511	-0.874	0.0474	-0.6527
671	357	754	Acc-sx	-0.0086	-0.0512	-0.240	0.0475	-0.6466
671	357	74	Acc-sx	-0.0050	-0.0505	-0.078	0.0482	-0.6944
671	357	66	Acc-cx	0.0281	-0.0134	7.819	0.0367	-0.8363
671	357	753	Acc-cx	0.1117	0.0037	3.589	0.1099	0.4972
671	357	754	Acc-cx	0.1110	0.0023	0.851	0.1098	0.4951
671	357	74	Acc-cx	0.0270	-0.0145	0.642	0.0365	-0.8395
671	357	66	Acc-dx	2.775E-04	-0.0569	0.745	0.0571	0.4647
671	357	753	Acc-dx	0.0015	-0.0567	0.928	0.0575	0.3766
671	357	754	Acc-dx	0.0015	-0.0566	0.260	0.0574	0.3723
671	357	74	Acc-dx	2.726E-04	-0.0569	0.065	0.0570	0.4647
671	357	66	Sis-X	0.0079	-0.0038	-33.109	0.0103	0.0232
671	357	753	Sis-X	0.0115	-0.0060	-35.578	0.0154	-5.796E-04
671	357	754	Sis-X	0.0118	-0.0060	-36.061	0.0157	0.0092
671	357	74	Sis-X	0.0082	-0.0037	-33.881	0.0105	-0.0085
671	357	66	Sis-Y	-0.0013	-0.0124	-0.689	0.0118	-0.1738
671	357	753	Sis-Y	-0.0021	-0.0126	-0.888	0.0116	-0.1611
671	357	754	Sis-Y	-0.0021	-0.0126	-0.240	0.0117	-0.1596

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
671	357	74	Sis-Y	-0.0013	-0.0124	-0.078	0.0118	-0.1731
671	357	66	Sis-Z	0.0018	-0.0152	88.187	0.0162	-0.2303
671	357	753	Sis-Z	0.0055	0.0023	77.946	0.0048	0.1233
671	357	754	Sis-Z	0.0049	0.0024	85.942	0.0043	0.1212
671	357	74	Sis-Z	0.0014	-0.0153	89.748	0.0160	-0.2347
671	357	66	Urto	0.0430	-0.0205	-34.007	0.0561	0.1636
671	357	753	Urto	0.0641	-0.0318	-35.794	0.0845	0.0238
671	357	754	Urto	0.0656	-0.0312	-36.323	0.0856	0.0758
671	357	74	Urto	0.0445	-0.0199	-34.829	0.0571	-0.0014
671	357	66	Acqua	0.0992	-0.0235	89.103	0.1128	0.3210
671	357	753	Acqua	0.1023	-0.0079	88.777	0.1065	0.3811
671	357	754	Acqua	0.1022	-0.0079	89.707	0.1064	0.3766
671	357	74	Acqua	0.0991	-0.0235	89.939	0.1127	0.3271
735	421	807	PP	0.5515	0.0540	-88.109	0.5266	-1.4304
735	421	822	PP	0.5515	0.0540	88.107	0.5266	-1.4304
735	421	823	PP	0.3895	0.0213	87.440	0.3793	0.4469
735	421	808	PP	0.3895	0.0213	-87.443	0.3793	0.4469
735	421	807	Terreno	0.7580	0.1727	-87.284	0.6881	-4.9882
735	421	822	Terreno	0.7580	0.1727	87.282	0.6881	-4.9883
735	421	823	Terreno	0.4280	0.1054	85.050	0.3862	0.5866
735	421	808	Terreno	0.4280	0.1054	-85.056	0.3862	0.5867
735	421	807	Acc-sx	0.0019	-0.0669	-11.024	0.0679	0.1441
735	421	822	Acc-sx	0.0016	-0.0673	-11.648	0.0682	0.0106
735	421	823	Acc-sx	0.0037	-0.0672	-14.671	0.0692	-0.0252
735	421	808	Acc-sx	0.0039	-0.0667	-14.073	0.0688	-0.0321
735	421	807	Acc-cx	0.5346	0.1801	-87.431	0.4711	-6.2692
735	421	822	Acc-cx	0.5346	0.1801	87.431	0.4711	-6.2692
735	421	823	Acc-cx	0.3588	0.1444	85.742	0.3127	-2.4628
735	421	808	Acc-cx	0.3588	0.1444	-85.743	0.3127	-2.4628
735	421	807	Acc-dx	0.0016	-0.0672	11.673	0.0680	0.0099
735	421	822	Acc-dx	0.0019	-0.0667	11.055	0.0677	0.1433
735	421	823	Acc-dx	0.0040	-0.0666	14.106	0.0686	-0.0319
735	421	808	Acc-dx	0.0037	-0.0671	14.698	0.0690	-0.0250
735	421	807	Sis-X	1.813E-05	-0.0094	-0.904	0.0094	0.0056
735	421	822	Sis-X	1.826E-05	-0.0094	0.895	0.0094	0.0056
735	421	823	Sis-X	5.008E-04	-0.0070	1.121	0.0073	0.0032
735	421	808	Sis-X	5.007E-04	-0.0070	-1.139	0.0073	0.0032
735	421	807	Sis-Y	6.599E-04	-0.0155	-12.199	0.0158	0.0330
735	421	822	Sis-Y	5.584E-04	-0.0156	-12.675	0.0159	-0.0013
735	421	823	Sis-Y	0.0011	-0.0159	-15.679	0.0164	-0.0050
735	421	808	Sis-Y	0.0011	-0.0157	-15.224	0.0163	-0.0068
735	421	807	Sis-Z	0.1481	0.0166	-88.044	0.1406	-0.5068
735	421	822	Sis-Z	0.1481	0.0166	88.043	0.1406	-0.5068
735	421	823	Sis-Z	0.0994	0.0068	87.216	0.0962	0.2128
735	421	808	Sis-Z	0.0994	0.0068	-87.220	0.0961	0.2128
735	421	807	Urto	-4.153E-04	-0.0547	-0.834	0.0545	0.0579
735	421	822	Urto	-4.143E-04	-0.0547	0.823	0.0545	0.0579
735	421	823	Urto	0.0026	-0.0398	1.050	0.0412	0.0435
735	421	808	Urto	0.0026	-0.0399	-1.071	0.0412	0.0435
735	421	807	Acqua	0.1575	0.0036	-89.572	0.1557	-0.2075
735	421	822	Acqua	0.1575	0.0036	89.565	0.1557	-0.2075
735	421	823	Acqua	0.1444	9.649E-04	89.532	0.1439	0.0794
735	421	808	Acqua	0.1444	9.680E-04	-89.542	0.1439	0.0794
741	427	813	PP	0.1505	0.0647	-0.222	0.1308	2.5732

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
741	427	828	PP	0.1505	0.0647	0.225	0.1308	2.5733
741	427	829	PP	0.1488	0.0562	0.208	0.1301	2.5858
741	427	814	PP	0.1488	0.0562	-0.207	0.1302	2.5857
741	427	813	Terreno	0.2826	-0.1918	-0.018	0.4133	6.8816
741	427	828	Terreno	0.2826	-0.1918	0.019	0.4133	6.8817
741	427	829	Terreno	0.2797	-0.2063	0.018	0.4224	6.9190
741	427	814	Terreno	0.2797	-0.2063	-0.018	0.4225	6.9189
741	427	813	Acc-sx	-0.0076	-0.0557	1.700	0.0524	-0.2886
741	427	828	Acc-sx	-0.0035	-0.0549	1.562	0.0533	-0.1370
741	427	829	Acc-sx	-0.0034	-0.0546	0.501	0.0529	-0.1399
741	427	814	Acc-sx	-0.0075	-0.0554	0.569	0.0520	-0.2876
741	427	813	Acc-cx	0.2651	-0.0011	-0.072	0.2656	3.6268
741	427	828	Acc-cx	0.2651	-0.0011	0.072	0.2656	3.6268
741	427	829	Acc-cx	0.2632	-0.0106	0.070	0.2686	3.7126
741	427	814	Acc-cx	0.2632	-0.0106	-0.070	0.2686	3.7126
741	427	813	Acc-dx	-0.0034	-0.0548	-1.564	0.0532	-0.1351
741	427	828	Acc-dx	-0.0075	-0.0556	-1.703	0.0523	-0.2868
741	427	829	Acc-dx	-0.0075	-0.0552	-0.569	0.0519	-0.2858
741	427	814	Acc-dx	-0.0034	-0.0544	-0.502	0.0528	-0.1380
741	427	813	Sis-X	0.0069	-6.011E-04	-2.593	0.0072	-4.508E-04
741	427	828	Sis-X	0.0069	-6.011E-04	2.613	0.0072	-4.560E-04
741	427	829	Sis-X	0.0071	3.420E-04	2.907	0.0069	-0.0092
741	427	814	Sis-X	0.0071	3.421E-04	-2.883	0.0069	-0.0092
741	427	813	Sis-Y	-0.0015	-0.0138	1.774	0.0131	-0.0635
741	427	828	Sis-Y	-4.787E-04	-0.0136	1.630	0.0133	-0.0245
741	427	829	Sis-Y	-4.774E-04	-0.0135	0.523	0.0133	-0.0252
741	427	814	Sis-Y	-0.0015	-0.0137	0.591	0.0130	-0.0632
741	427	813	Sis-Z	0.0387	0.0053	-0.086	0.0364	0.9852
741	427	828	Sis-Z	0.0387	0.0053	0.089	0.0364	0.9852
741	427	829	Sis-Z	0.0382	0.0030	0.083	0.0369	0.9879
741	427	814	Sis-Z	0.0383	0.0030	-0.083	0.0369	0.9879
741	427	813	Urto	0.0369	3.759E-04	-2.658	0.0367	0.0108
741	427	828	Urto	0.0369	3.767E-04	2.674	0.0367	0.0107
741	427	829	Urto	0.0384	0.0077	3.186	0.0352	-0.0823
741	427	814	Urto	0.0384	0.0077	-3.164	0.0352	-0.0823
741	427	813	Acqua	0.1003	0.0161	-89.993	0.0933	0.5741
741	427	828	Acqua	0.1003	0.0161	89.989	0.0933	0.5742
741	427	829	Acqua	0.0987	0.0158	89.990	0.0918	0.5766
741	427	814	Acqua	0.0987	0.0158	-89.992	0.0918	0.5765
748	434	820	PP	0.3895	0.0213	87.443	0.3793	0.4469
748	434	835	PP	0.3895	0.0213	-87.440	0.3793	0.4469
748	434	836	PP	0.5515	0.0540	-88.107	0.5266	-1.4304
748	434	821	PP	0.5515	0.0540	88.109	0.5266	-1.4304
748	434	820	Terreno	0.4280	0.1054	85.056	0.3862	0.5867
748	434	835	Terreno	0.4280	0.1054	-85.050	0.3862	0.5866
748	434	836	Terreno	0.7580	0.1727	-87.282	0.6881	-4.9883
748	434	821	Terreno	0.7580	0.1727	87.284	0.6881	-4.9882
748	434	820	Acc-sx	0.0039	-0.0667	14.073	0.0688	-0.0321
748	434	835	Acc-sx	0.0037	-0.0672	14.671	0.0692	-0.0252
748	434	836	Acc-sx	0.0016	-0.0673	11.648	0.0682	0.0106
748	434	821	Acc-sx	0.0019	-0.0669	11.024	0.0679	0.1441
748	434	820	Acc-cx	0.3588	0.1444	85.743	0.3127	-2.4628
748	434	835	Acc-cx	0.3588	0.1444	-85.742	0.3127	-2.4628
748	434	836	Acc-cx	0.5346	0.1801	-87.431	0.4711	-6.2692

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
748	434	821	Acc-cx	0.5346	0.1801	87.431	0.4711	-6.2692
748	434	820	Acc-dx	0.0037	-0.0671	-14.698	0.0690	-0.0250
748	434	835	Acc-dx	0.0040	-0.0666	-14.106	0.0686	-0.0319
748	434	836	Acc-dx	0.0019	-0.0667	-11.055	0.0677	0.1433
748	434	821	Acc-dx	0.0016	-0.0672	-11.673	0.0680	0.0099
748	434	820	Sis-X	0.0126	0.0116	88.385	0.0121	-0.3912
748	434	835	Sis-X	0.0126	0.0116	-88.412	0.0121	-0.3912
748	434	836	Sis-X	0.0158	0.0122	-89.534	0.0144	-0.5078
748	434	821	Sis-X	0.0158	0.0122	89.530	0.0144	-0.5078
748	434	820	Sis-Y	0.0011	-0.0157	15.224	0.0163	-0.0068
748	434	835	Sis-Y	0.0011	-0.0159	15.679	0.0164	-0.0050
748	434	836	Sis-Y	5.584E-04	-0.0156	12.675	0.0159	-0.0013
748	434	821	Sis-Y	6.599E-04	-0.0155	12.199	0.0158	0.0330
748	434	820	Sis-Z	0.0994	0.0068	87.220	0.0961	0.2128
748	434	835	Sis-Z	0.0994	0.0068	-87.216	0.0962	0.2128
748	434	836	Sis-Z	0.1481	0.0166	-88.043	0.1406	-0.5068
748	434	821	Sis-Z	0.1481	0.0166	88.044	0.1406	-0.5068
748	434	820	Urto	0.0866	0.0443	88.437	0.0750	-3.8539
748	434	835	Urto	0.0866	0.0443	-88.449	0.0750	-3.8539
748	434	836	Urto	0.1015	0.0473	-88.789	0.0880	-5.0062
748	434	821	Urto	0.1015	0.0473	88.784	0.0880	-5.0062
748	434	820	Acqua	0.1444	9.680E-04	89.542	0.1439	0.0794
748	434	835	Acqua	0.1444	9.649E-04	-89.532	0.1439	0.0794
748	434	836	Acqua	0.1575	0.0036	-89.565	0.1557	-0.2075
748	434	821	Acqua	0.1575	0.0036	89.572	0.1557	-0.2075
811	497	888	PP	0.0555	0.0350	-87.571	0.0486	0.4362
811	497	182	PP	0.0434	-0.0251	-89.212	0.0600	-0.4274
811	497	190	PP	0.0420	-0.0254	-89.835	0.0590	-0.4370
811	497	889	PP	0.0541	0.0348	-89.656	0.0475	0.4350
811	497	888	Terreno	0.0209	-0.1724	-2.677	0.1837	0.3856
811	497	182	Terreno	-0.1050	-0.1977	-4.435	0.1713	-2.3423
811	497	190	Terreno	-0.1062	-0.2004	-0.418	0.1737	-2.3644
811	497	889	Terreno	0.0199	-0.1752	-0.751	0.1860	0.3691
811	497	888	Acc-sx	0.0015	-0.0568	-0.939	0.0575	0.3754
811	497	182	Acc-sx	1.963E-04	-0.0570	-0.754	0.0571	0.4638
811	497	190	Acc-sx	1.913E-04	-0.0570	-0.066	0.0571	0.4638
811	497	889	Acc-sx	0.0014	-0.0567	-0.263	0.0575	0.3711
811	497	888	Acc-cx	0.1117	0.0038	-3.592	0.1099	0.4973
811	497	182	Acc-cx	0.0281	-0.0134	-7.834	0.0367	-0.8362
811	497	190	Acc-cx	0.0270	-0.0145	-0.643	0.0364	-0.8394
811	497	889	Acc-cx	0.1109	0.0023	-0.852	0.1098	0.4952
811	497	888	Acc-dx	-0.0085	-0.0510	0.896	0.0474	-0.6516
811	497	182	Acc-dx	-0.0048	-0.0503	0.686	0.0481	-0.6967
811	497	190	Acc-dx	-0.0048	-0.0504	0.079	0.0481	-0.6936
811	497	889	Acc-dx	-0.0085	-0.0511	0.246	0.0474	-0.6455
811	497	888	Sis-X	0.0115	-0.0060	35.545	0.0154	-6.283E-04
811	497	182	Sis-X	0.0079	-0.0038	33.045	0.0103	0.0231
811	497	190	Sis-X	0.0082	-0.0037	33.816	0.0105	-0.0085
811	497	889	Sis-X	0.0118	-0.0060	36.028	0.0157	0.0091
811	497	888	Sis-Y	3.510E-04	-0.0141	-1.015	0.0143	0.1034
811	497	182	Sis-Y	-1.548E-04	-0.0142	-0.821	0.0141	0.1250
811	497	190	Sis-Y	-1.555E-04	-0.0142	-0.073	0.0141	0.1250
811	497	889	Sis-Y	3.489E-04	-0.0141	-0.289	0.0142	0.1023
811	497	888	Sis-Z	0.0055	0.0022	-78.077	0.0048	0.1235

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
811	497	182	Sis-Z	0.0018	-0.0153	-88.174	0.0163	-0.2301
811	497	190	Sis-Z	0.0014	-0.0154	-89.748	0.0161	-0.2344
811	497	889	Sis-Z	0.0049	0.0023	-86.016	0.0043	0.1214
811	497	888	Urto	0.0641	-0.0317	35.750	0.0846	0.0234
811	497	182	Urto	0.0432	-0.0204	33.919	0.0562	0.1630
811	497	190	Urto	0.0446	-0.0198	34.738	0.0572	-0.0018
811	497	889	Urto	0.0657	-0.0312	36.278	0.0856	0.0754
811	497	888	Acqua	0.1024	-0.0082	-88.761	0.1067	0.3819
811	497	182	Acqua	0.0992	-0.0239	-89.092	0.1131	0.3218
811	497	190	Acqua	0.0991	-0.0239	-89.938	0.1130	0.3281
811	497	889	Acqua	0.1023	-0.0081	-89.703	0.1066	0.3774
839	525	807	PP	0.4723	0.1877	-5.141	0.4119	0.2383
839	525	822	PP	0.4723	0.1877	5.142	0.4119	0.2383
839	525	920	PP	0.1386	0.0868	50.420	0.1213	0.3944
839	525	916	PP	0.1385	0.0868	-50.421	0.1213	0.3944
839	525	807	Terreno	0.6854	0.4858	-12.244	0.6106	0.8679
839	525	822	Terreno	0.6854	0.4858	12.247	0.6106	0.8678
839	525	920	Terreno	0.3927	0.1267	80.934	0.3472	1.0133
839	525	916	Terreno	0.3927	0.1267	-80.938	0.3472	1.0132
839	525	807	Acc-sx	-0.0093	-0.0617	-68.536	0.0576	-0.0601
839	525	822	Acc-sx	0.0042	-0.0598	-69.773	0.0620	0.0287
839	525	920	Acc-sx	0.0291	-0.0499	-54.432	0.0691	-0.0116
839	525	916	Acc-sx	0.0171	-0.0534	-51.216	0.0637	-0.0386
839	525	807	Acc-cx	0.4587	0.2830	-7.861	0.4008	1.1921
839	525	822	Acc-cx	0.4587	0.2830	7.861	0.4008	1.1921
839	525	920	Acc-cx	0.2215	0.1019	78.263	0.1920	0.9081
839	525	916	Acc-cx	0.2215	0.1019	-78.264	0.1920	0.9081
839	525	807	Acc-dx	0.0043	-0.0596	69.756	0.0619	0.0289
839	525	822	Acc-dx	-0.0092	-0.0616	68.492	0.0575	-0.0599
839	525	920	Acc-dx	0.0172	-0.0534	51.220	0.0637	-0.0383
839	525	916	Acc-dx	0.0291	-0.0498	54.440	0.0691	-0.0114
839	525	807	Sis-X	-8.563E-04	-0.0077	89.902	0.0073	0.0017
839	525	822	Sis-X	-8.563E-04	-0.0077	-89.896	0.0073	0.0017
839	525	920	Sis-X	-1.002E-04	-0.0039	-89.810	0.0039	9.762E-04
839	525	916	Sis-X	-1.002E-04	-0.0039	89.827	0.0039	9.760E-04
839	525	807	Sis-Y	-0.0017	-0.0146	-66.624	0.0138	-0.0147
839	525	822	Sis-Y	0.0016	-0.0139	-68.742	0.0148	0.0081
839	525	920	Sis-Y	0.0077	-0.0123	-54.130	0.0175	-0.0018
839	525	916	Sis-Y	0.0049	-0.0134	-50.725	0.0164	-0.0087
839	525	807	Sis-Z	0.1302	0.0678	-6.584	0.1128	0.0843
839	525	822	Sis-Z	0.1302	0.0678	6.586	0.1128	0.0843
839	525	920	Sis-Z	0.0514	0.0286	70.720	0.0446	0.1366
839	525	916	Sis-Z	0.0514	0.0286	-70.726	0.0446	0.1366
839	525	807	Urto	-0.0063	-0.0449	89.710	0.0421	0.0049
839	525	822	Urto	-0.0063	-0.0449	-89.703	0.0421	0.0050
839	525	920	Urto	-0.0018	-0.0223	-89.436	0.0214	-0.0014
839	525	916	Urto	-0.0018	-0.0223	89.457	0.0214	-0.0014
839	525	807	Acqua	0.1308	0.0258	-2.286	0.1200	0.0364
839	525	822	Acqua	0.1308	0.0258	2.290	0.1200	0.0364
839	525	920	Acqua	0.0582	0.0110	5.120	0.0536	0.0616
839	525	916	Acqua	0.0582	0.0110	-5.105	0.0536	0.0616
883	569	821	PP	0.4723	0.1877	-5.141	0.4119	-0.2383
883	569	836	PP	0.4723	0.1877	5.142	0.4119	-0.2383
883	569	966	PP	0.1386	0.0868	50.420	0.1213	-0.3944

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
Text	Text	Text	Text	Kip/in	Kip/in	Degrees	Kip/in	Kip-in/in
883	569	962	PP	0.1385	0.0868	-50.421	0.1213	-0.3944
883	569	821	Terreno	0.6854	0.4858	-12.244	0.6106	-0.8679
883	569	836	Terreno	0.6854	0.4858	12.247	0.6106	-0.8678
883	569	966	Terreno	0.3927	0.1267	80.934	0.3472	-1.0133
883	569	962	Terreno	0.3927	0.1267	-80.938	0.3472	-1.0132
883	569	821	Acc-sx	-0.0093	-0.0617	-68.536	0.0576	0.0601
883	569	836	Acc-sx	0.0042	-0.0598	-69.773	0.0620	-0.0287
883	569	966	Acc-sx	0.0291	-0.0499	-54.432	0.0691	0.0116
883	569	962	Acc-sx	0.0171	-0.0534	-51.216	0.0637	0.0386
883	569	821	Acc-cx	0.4587	0.2830	-7.861	0.4008	-1.1921
883	569	836	Acc-cx	0.4587	0.2830	7.861	0.4008	-1.1921
883	569	966	Acc-cx	0.2215	0.1019	78.263	0.1920	-0.9081
883	569	962	Acc-cx	0.2215	0.1019	-78.264	0.1920	-0.9081
883	569	821	Acc-dx	0.0043	-0.0596	69.756	0.0619	-0.0289
883	569	836	Acc-dx	-0.0092	-0.0616	68.492	0.0575	0.0599
883	569	966	Acc-dx	0.0172	-0.0534	51.220	0.0637	0.0383
883	569	962	Acc-dx	0.0291	-0.0498	54.440	0.0691	0.0114
883	569	821	Sis-X	0.0115	0.0038	-0.486	0.0101	-0.0993
883	569	836	Sis-X	0.0115	0.0038	0.485	0.0101	-0.0993
883	569	966	Sis-X	0.0039	0.0023	2.255	0.0034	-0.0493
883	569	962	Sis-X	0.0039	0.0023	-2.259	0.0034	-0.0493
883	569	821	Sis-Y	-0.0017	-0.0146	-66.624	0.0138	0.0147
883	569	836	Sis-Y	0.0016	-0.0139	-68.742	0.0148	-0.0081
883	569	966	Sis-Y	0.0077	-0.0123	-54.130	0.0175	0.0018
883	569	962	Sis-Y	0.0049	-0.0134	-50.725	0.0164	0.0087
883	569	821	Sis-Z	0.1302	0.0678	-6.584	0.1128	-0.0843
883	569	836	Sis-Z	0.1302	0.0678	6.586	0.1128	-0.0843
883	569	966	Sis-Z	0.0514	0.0286	70.720	0.0446	-0.1366
883	569	962	Sis-Z	0.0514	0.0286	-70.726	0.0446	-0.1366
883	569	821	Urto	0.0807	0.0352	-0.878	0.0700	-0.9968
883	569	836	Urto	0.0807	0.0352	0.876	0.0700	-0.9968
883	569	966	Urto	0.0237	0.0215	69.819	0.0227	-0.7537
883	569	962	Urto	0.0237	0.0215	-69.757	0.0227	-0.7537
883	569	821	Acqua	0.1308	0.0258	-2.286	0.1200	-0.0364
883	569	836	Acqua	0.1308	0.0258	2.290	0.1200	-0.0364
883	569	966	Acqua	0.0582	0.0110	5.120	0.0536	-0.0616
883	569	962	Acqua	0.0582	0.0110	-5.105	0.0536	-0.0616

Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
49	43	59	PP	9.8447	0.0522	9.8450	1.9761	89.620
49	43	67	PP	9.7984	0.0235	9.7985	1.9760	89.828
49	43	68	PP	8.7453	0.0062	8.7453	1.6933	89.950
49	43	60	PP	8.7831	0.0349	8.7833	1.6981	89.718
49	43	59	Terreno	13.0791	0.0032	13.0791	2.6493	89.983
49	43	67	Terreno	13.0169	0.0075	13.0169	2.6369	89.958
49	43	68	Terreno	8.8870	-0.0137	8.8871	1.8278	-89.889
49	43	60	Terreno	8.9283	-0.0181	8.9284	1.8233	-89.854
49	43	59	Acc-sx	-3.7345	0.0122	-0.7524	-3.7346	0.235
49	43	67	Acc-sx	-3.7267	0.0032	-0.7534	-3.7267	0.062

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
49	43	68	Acc-sx	-2.6533	0.0053	-0.5587	-2.6533	0.146
49	43	60	Acc-sx	-2.6557	0.0143	-0.5598	-2.6558	0.392
49	43	59	Acc-cx	5.7025	0.0067	5.7026	1.1439	89.916
49	43	67	Acc-cx	5.6718	0.0064	5.6718	1.1497	89.919
49	43	68	Acc-cx	5.3451	-0.0051	5.3451	1.0801	-89.932
49	43	60	Acc-cx	5.3682	-0.0048	5.3682	1.0797	-89.936
49	43	59	Acc-dx	4.7117	-0.0060	4.7117	0.9431	-89.908
49	43	67	Acc-dx	4.7090	-0.0015	4.7090	0.9461	-89.977
49	43	68	Acc-dx	1.8792	-0.0022	1.8792	0.3879	-89.916
49	43	60	Acc-dx	1.8799	-0.0067	1.8799	0.3908	-89.741
49	43	59	Sis-X	-0.0420	-0.0555	0.0282	-0.0859	-38.342
49	43	67	Sis-X	0.0084	-0.0553	0.0612	-0.0496	-46.329
49	43	68	Sis-X	4.352E-04	-0.0388	0.0378	-0.0399	-46.075
49	43	60	Sis-X	-0.0336	-0.0390	0.0194	-0.0622	-36.309
49	43	59	Sis-Y	-0.9050	0.0030	-0.1822	-0.9050	0.238
49	43	67	Sis-Y	-0.9032	7.914E-04	-0.1825	-0.9032	0.063
49	43	68	Sis-Y	-0.6397	0.0013	-0.1347	-0.6397	0.147
49	43	60	Sis-Y	-0.6403	0.0035	-0.1350	-0.6403	0.397
49	43	59	Sis-Z	2.0574	0.0043	2.0574	0.4166	89.849
49	43	67	Sis-Z	2.0459	0.0027	2.0459	0.4147	89.905
49	43	68	Sis-Z	1.9011	-0.0013	1.9011	0.3826	-89.951
49	43	60	Sis-Z	1.9091	3.217E-04	1.9091	0.3823	89.988
49	43	59	Urto	-0.1806	-0.2770	0.1583	-0.4070	-39.267
49	43	67	Urto	0.0807	-0.2782	0.3290	-0.2309	-48.239
49	43	68	Urto	0.0056	-0.1911	0.1851	-0.1979	-46.793
49	43	60	Urto	-0.1747	-0.1900	0.0864	-0.3129	-36.030
49	43	59	Acqua	-3.0158	0.0296	-0.5870	-3.0161	0.698
49	43	67	Acqua	-3.0424	0.0123	-0.6007	-3.0425	0.289
49	43	68	Acqua	0.8187	0.0034	0.8188	0.1358	89.719
49	43	60	Acqua	0.8378	0.0206	0.8384	0.1356	88.318
52	46	62	PP	6.3365	-0.0369	6.3367	1.2482	-89.585
52	46	70	PP	6.3329	-0.0128	6.3329	1.2629	-89.856
52	46	71	PP	5.1067	-0.0118	5.1068	1.0772	-89.832
52	46	63	PP	5.0915	-0.0359	5.0918	1.0553	-89.490
52	46	62	Terreno	4.7257	-0.0822	4.7277	1.1978	-88.665
52	46	70	Terreno	4.7383	-0.0308	4.7386	1.2389	-89.495
52	46	71	Terreno	4.6519	-0.0214	4.6521	1.3482	-89.628
52	46	63	Terreno	4.6008	-0.0728	4.6024	1.2933	-88.739
52	46	62	Acc-sx	-0.4889	0.0091	-0.1731	-0.4892	1.642
52	46	70	Acc-sx	-0.4945	0.0040	-0.1762	-0.4945	0.713
52	46	71	Acc-sx	0.5581	0.0012	0.5581	0.0219	89.873
52	46	63	Acc-sx	0.5673	0.0063	0.5673	0.0258	89.336
52	46	62	Acc-cx	4.5395	-0.0440	4.5400	1.0128	-89.286
52	46	70	Acc-cx	4.5440	-0.0161	4.5441	1.0390	-89.737
52	46	71	Acc-cx	4.1936	-0.0126	4.1936	1.0388	-89.771
52	46	63	Acc-cx	4.1689	-0.0404	4.1694	1.0024	-89.268
52	46	62	Acc-dx	-1.9723	-0.0016	-0.3624	-1.9723	-0.058
52	46	70	Acc-dx	-1.9701	-9.527E-04	-0.3647	-1.9701	-0.034
52	46	71	Acc-dx	-2.9808	1.962E-04	-0.5649	-2.9808	4.653E-03
52	46	63	Acc-dx	-2.9833	-4.898E-04	-0.5632	-2.9833	-0.012
52	46	62	Sis-X	-0.0303	0.0111	-0.0052	-0.0352	23.821
52	46	70	Sis-X	-0.0145	0.0112	9.435E-04	-0.0226	35.786
52	46	71	Sis-X	-0.0232	0.0157	0.0015	-0.0332	32.575
52	46	63	Sis-X	-0.0302	0.0157	-0.0015	-0.0387	28.605

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
52	46	62	Sis-Y	-0.1087	0.0022	-0.0400	-0.1088	1.814
52	46	70	Sis-Y	-0.1101	9.550E-04	-0.0407	-0.1101	0.788
52	46	71	Sis-Y	0.1483	2.812E-04	0.1483	0.0080	89.885
52	46	63	Sis-Y	0.1505	0.0015	0.1505	0.0089	89.391
52	46	62	Sis-Z	1.5520	-0.0127	1.5521	0.3408	-89.399
52	46	70	Sis-Z	1.5535	-0.0047	1.5535	0.3469	-89.776
52	46	71	Sis-Z	1.3907	-0.0034	1.3907	0.3340	-89.816
52	46	63	Sis-Z	1.3831	-0.0114	1.3832	0.3258	-89.383
52	46	62	Urto	-0.2199	0.0704	-0.0432	-0.2479	21.715
52	46	70	Urto	-0.1430	0.0707	-0.0248	-0.1852	30.860
52	46	71	Urto	-0.2281	0.0917	-0.0392	-0.2727	25.897
52	46	63	Urto	-0.2519	0.0914	-0.0375	-0.2909	23.106
52	46	62	Acqua	3.6868	-0.0170	3.6869	0.7238	-89.672
52	46	70	Acqua	3.6840	-0.0057	3.6840	0.7266	-89.889
52	46	71	Acqua	3.3013	-0.0054	3.3014	0.6769	-89.881
52	46	63	Acqua	3.2958	-0.0167	3.2959	0.6728	-89.636
55	49	65	PP	2.9112	0.0770	2.9138	0.6254	88.070
55	49	73	PP	2.9749	0.0160	2.9750	0.6535	89.604
55	49	74	PP	2.2371	0.0455	2.2382	0.3567	88.614
55	49	66	PP	2.1488	0.1065	2.1551	0.3248	86.659
55	49	65	Terreno	8.2736	0.2484	8.2833	1.9232	87.760
55	49	73	Terreno	8.4413	0.0564	8.4418	1.9898	89.500
55	49	74	Terreno	12.4159	0.1345	12.4177	2.3269	89.236
55	49	66	Terreno	12.1814	0.3265	12.1921	2.2387	88.119
55	49	65	Acc-sx	2.5599	-0.0335	2.5604	0.4560	-89.088
55	49	73	Acc-sx	2.5439	-0.0091	2.5440	0.4537	-89.751
55	49	74	Acc-sx	3.4592	-0.0149	3.4593	0.6937	-89.692
55	49	66	Acc-sx	3.4728	-0.0393	3.4733	0.6988	-89.188
55	49	65	Acc-cx	3.9162	0.1355	3.9223	0.9136	87.417
55	49	73	Acc-cx	4.0156	0.0287	4.0159	0.9581	89.463
55	49	74	Acc-cx	4.4535	0.0777	4.4551	0.7896	88.785
55	49	66	Acc-cx	4.2993	0.1845	4.3089	0.7289	87.042
55	49	65	Acc-dx	-3.1658	0.0096	-0.6143	-3.1658	0.215
55	49	73	Acc-dx	-3.1630	0.0028	-0.6157	-3.1630	0.062
55	49	74	Acc-dx	-2.3343	0.0033	-0.4638	-2.3343	0.102
55	49	66	Acc-dx	-2.3345	0.0101	-0.4668	-2.3345	0.311
55	49	65	Sis-X	-0.0319	0.0112	-0.0063	-0.0368	23.661
55	49	73	Sis-X	-0.0422	0.0114	-0.0032	-0.0455	16.341
55	49	74	Sis-X	-0.0538	0.0048	-0.0258	-0.0546	9.704
55	49	66	Sis-X	-0.0260	0.0046	0.0093	-0.0266	7.390
55	49	65	Sis-Y	0.6403	-0.0080	0.6405	0.1145	-89.128
55	49	73	Sis-Y	0.6366	-0.0022	0.6366	0.1140	-89.761
55	49	74	Sis-Y	0.8624	-0.0035	0.8624	0.1727	-89.706
55	49	66	Sis-Y	0.8655	-0.0094	0.8656	0.1740	-89.224
55	49	65	Sis-Z	1.1781	0.0353	1.1794	0.2714	87.771
55	49	73	Sis-Z	1.2023	0.0081	1.2023	0.2813	89.495
55	49	74	Sis-Z	1.2327	0.0191	1.2330	0.2217	88.917
55	49	66	Sis-Z	1.2004	0.0463	1.2026	0.2100	87.324
55	49	65	Urto	-0.3219	0.0189	-0.0898	-0.3235	4.658
55	49	73	Urto	-0.4171	0.0201	-0.0794	-0.4183	3.399
55	49	74	Urto	-0.5140	-0.0350	-0.1904	-0.5178	-6.180
55	49	66	Urto	-0.3057	-0.0362	0.0157	-0.3098	-6.425
55	49	65	Acqua	0.4063	0.0223	0.4080	0.1069	85.745
55	49	73	Acqua	0.4252	0.0044	0.4253	0.1117	89.196

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
55	49	74	Acqua	-1.4710	0.0125	-0.3069	-1.4711	0.617
55	49	66	Acqua	-1.4940	0.0304	-0.3170	-1.4948	1.480
147	141	175	PP	-9.8460	-0.0523	-1.9776	-9.8464	-0.381
147	141	183	PP	-9.8000	-0.0235	-1.9782	-9.8000	-0.172
147	141	184	PP	-8.7460	-0.0063	-1.6949	-8.7460	-0.051
147	141	176	PP	-8.7838	-0.0351	-1.6997	-8.7840	-0.284
147	141	175	Terreno	-13.0822	-0.0034	-2.6528	-13.0822	-0.019
147	141	183	Terreno	-13.0205	-0.0077	-2.6422	-13.0205	-0.042
147	141	184	Terreno	-8.8887	0.0135	-1.8315	-8.8887	0.109
147	141	176	Terreno	-8.9299	0.0177	-1.8271	-8.9299	0.143
147	141	175	Acc-sx	-4.7067	0.0060	-0.9410	-4.7067	0.092
147	141	183	Acc-sx	-4.7041	0.0015	-0.9443	-4.7041	0.022
147	141	184	Acc-sx	-1.8758	0.0022	-0.3863	-1.8758	0.083
147	141	176	Acc-sx	-1.8765	0.0067	-0.3892	-1.8765	0.259
147	141	175	Acc-cx	-5.7028	-0.0067	-1.1442	-5.7028	-0.084
147	141	183	Acc-cx	-5.6721	-0.0064	-1.1500	-5.6721	-0.081
147	141	184	Acc-cx	-5.3452	0.0051	-1.0804	-5.3452	0.068
147	141	176	Acc-cx	-5.3683	0.0048	-1.0800	-5.3683	0.064
147	141	175	Acc-dx	3.7299	-0.0122	3.7299	0.7508	-89.765
147	141	183	Acc-dx	3.7222	-0.0032	3.7223	0.7522	-89.938
147	141	184	Acc-dx	2.6500	-0.0053	2.6500	0.5575	-89.855
147	141	176	Acc-dx	2.6525	-0.0143	2.6526	0.5587	-89.608
147	141	175	Sis-X	0.0423	0.0556	0.0862	-0.0281	51.712
147	141	183	Sis-X	-0.0082	0.0554	0.0500	-0.0609	43.588
147	141	184	Sis-X	-3.922E-04	0.0388	0.0399	-0.0378	43.922
147	141	176	Sis-X	0.0337	0.0390	0.0624	-0.0193	53.608
147	141	175	Sis-Y	-1.0869	0.0017	-0.2174	-1.0869	0.111
147	141	183	Sis-Y	-1.0860	4.234E-04	-0.2181	-1.0860	0.028
147	141	184	Sis-Y	-0.5409	6.407E-04	-0.1114	-0.5409	0.085
147	141	176	Sis-Y	-0.5411	0.0019	-0.1120	-0.5411	0.255
147	141	175	Sis-Z	-2.0579	-0.0044	-0.4172	-2.0580	-0.152
147	141	183	Sis-Z	-2.0465	-0.0027	-0.4156	-2.0465	-0.096
147	141	184	Sis-Z	-1.9014	0.0013	-0.3832	-1.9014	0.047
147	141	176	Sis-Z	-1.9094	-3.744E-04	-0.3830	-1.9094	-0.014
147	141	175	Urto	0.1823	0.2774	0.4087	-0.1576	50.785
147	141	183	Urto	-0.0792	0.2784	0.2336	-0.3270	41.671
147	141	184	Urto	-0.0051	0.1912	0.1986	-0.1846	43.183
147	141	176	Urto	0.1753	0.1902	0.3142	-0.0853	53.868
147	141	175	Acqua	3.0136	-0.0297	3.0139	0.5845	-89.298
147	141	183	Acqua	3.0399	-0.0124	3.0399	0.5971	-89.709
147	141	184	Acqua	-0.8199	-0.0035	-0.1384	-0.8199	-0.294
147	141	176	Acqua	-0.8389	-0.0208	-0.1383	-0.8395	-1.703
150	144	178	PP	-6.3365	0.0367	-1.2490	-6.3368	0.413
150	144	186	PP	-6.3329	0.0127	-1.2637	-6.3330	0.143
150	144	187	PP	-5.1066	0.0118	-1.0777	-5.1066	0.167
150	144	179	PP	-5.0914	0.0357	-1.0558	-5.0917	0.507
150	144	178	Terreno	-4.7258	0.0818	-1.1996	-4.7277	1.328
150	144	186	Terreno	-4.7384	0.0307	-1.2408	-4.7387	0.502
150	144	187	Terreno	-4.6517	0.0213	-1.3494	-4.6518	0.369
150	144	179	Terreno	-4.6006	0.0724	-1.2944	-4.6022	1.254
150	144	178	Acc-sx	1.9725	0.0017	1.9725	0.3633	89.939
150	144	186	Acc-sx	1.9703	9.713E-04	1.9703	0.3656	89.965
150	144	187	Acc-sx	2.9794	-1.648E-04	2.9794	0.5654	-89.996
150	144	179	Acc-sx	2.9819	5.728E-04	2.9819	0.5636	89.986

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
150	144	178	Acc-cx	-4.5395	0.0439	-1.0129	-4.5400	0.714
150	144	186	Acc-cx	-4.5440	0.0161	-1.0391	-4.5441	0.263
150	144	187	Acc-cx	-4.1936	0.0126	-1.0389	-4.1936	0.229
150	144	179	Acc-cx	-4.1689	0.0404	-1.0025	-4.1694	0.731
150	144	178	Acc-dx	0.4888	-0.0091	0.4891	0.1725	-88.358
150	144	186	Acc-dx	0.4943	-0.0040	0.4944	0.1755	-89.288
150	144	187	Acc-dx	-0.5568	-0.0012	-0.0222	-0.5568	-0.129
150	144	179	Acc-dx	-0.5659	-0.0063	-0.0261	-0.5659	-0.669
150	144	178	Sis-X	0.0303	-0.0111	0.0352	0.0053	-66.169
150	144	186	Sis-X	0.0145	-0.0111	0.0226	-8.690E-04	-54.163
150	144	187	Sis-X	0.0232	-0.0157	0.0332	-0.0014	-57.408
150	144	179	Sis-X	0.0302	-0.0156	0.0387	0.0015	-61.396
150	144	178	Sis-Y	0.3536	6.366E-04	0.3536	0.0617	89.875
150	144	186	Sis-Y	0.3530	3.291E-04	0.3530	0.0621	89.935
150	144	187	Sis-Y	0.6491	-4.648E-06	0.6491	0.1205	-89.999
150	144	179	Sis-Y	0.6500	3.028E-04	0.6500	0.1203	89.967
150	144	178	Sis-Z	-1.5520	0.0126	-0.3411	-1.5521	0.598
150	144	186	Sis-Z	-1.5535	0.0047	-0.3473	-1.5535	0.223
150	144	187	Sis-Z	-1.3907	0.0034	-0.3342	-1.3907	0.183
150	144	179	Sis-Z	-1.3830	0.0113	-0.3260	-1.3832	0.613
150	144	178	Urto	0.2199	-0.0701	0.2478	0.0440	-68.284
150	144	186	Urto	0.1430	-0.0704	0.1852	0.0254	-59.084
150	144	187	Urto	0.2280	-0.0915	0.2725	0.0396	-64.089
150	144	179	Urto	0.2518	-0.0911	0.2906	0.0380	-66.906
150	144	178	Acqua	-3.6869	0.0166	-0.7251	-3.6870	0.322
150	144	186	Acqua	-3.6841	0.0056	-0.7280	-3.6841	0.109
150	144	187	Acqua	-3.3012	0.0053	-0.6777	-3.3012	0.117
150	144	179	Acqua	-3.2957	0.0164	-0.6735	-3.2958	0.358
153	147	181	PP	-2.9108	-0.0771	-0.6254	-2.9134	-1.933
153	147	189	PP	-2.9744	-0.0161	-0.6535	-2.9745	-0.397
153	147	190	PP	-2.2362	-0.0455	-0.3565	-2.2373	-1.387
153	147	182	PP	-2.1480	-0.1066	-0.3246	-2.1542	-3.344
153	147	181	Terreno	-8.2725	-0.2485	-1.9232	-8.2823	-2.242
153	147	189	Terreno	-8.4401	-0.0564	-1.9897	-8.4406	-0.501
153	147	190	Terreno	-12.4139	-0.1345	-2.3264	-12.4157	-0.764
153	147	182	Terreno	-12.1795	-0.3266	-2.2381	-12.1903	-1.882
153	147	181	Acc-sx	3.1616	-0.0094	3.1616	0.6137	-89.789
153	147	189	Acc-sx	3.1588	-0.0027	3.1588	0.6152	-89.939
153	147	190	Acc-sx	2.3290	-0.0032	2.3290	0.4627	-89.900
153	147	182	Acc-sx	2.3291	-0.0099	2.3291	0.4658	-89.695
153	147	181	Acc-cx	-3.9161	-0.1355	-0.9136	-3.9223	-2.583
153	147	189	Acc-cx	-4.0155	-0.0287	-0.9581	-4.0158	-0.537
153	147	190	Acc-cx	-4.4533	-0.0777	-0.7896	-4.4549	-1.215
153	147	182	Acc-cx	-4.2992	-0.1845	-0.7289	-4.3087	-2.958
153	147	181	Acc-dx	-2.5558	0.0333	-0.4554	-2.5563	0.909
153	147	189	Acc-dx	-2.5399	0.0090	-0.4532	-2.5399	0.248
153	147	190	Acc-dx	-3.4540	0.0148	-0.6926	-3.4541	0.307
153	147	182	Acc-dx	-3.4676	0.0391	-0.6978	-3.4681	0.809
153	147	181	Sis-X	0.0319	-0.0112	0.0368	0.0064	-66.372
153	147	189	Sis-X	0.0421	-0.0114	0.0454	0.0032	-73.689
153	147	190	Sis-X	0.0537	-0.0047	0.0545	0.0258	-80.357
153	147	182	Sis-X	0.0259	-0.0045	0.0265	-0.0093	-82.666
153	147	181	Sis-Y	0.8127	-0.0030	0.8127	0.1569	-89.734
153	147	189	Sis-Y	0.8116	-8.663E-04	0.8116	0.1571	-89.924

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
153	147	190	Sis-Y	0.6279	-0.0011	0.6279	0.1250	-89.870
153	147	182	Sis-Y	0.6282	-0.0033	0.6283	0.1259	-89.621
153	147	181	Sis-Z	-1.1779	-0.0353	-0.2714	-1.1793	-2.231
153	147	189	Sis-Z	-1.2021	-0.0081	-0.2813	-1.2021	-0.506
153	147	190	Sis-Z	-1.2323	-0.0191	-0.2216	-1.2327	-1.083
153	147	182	Sis-Z	-1.2001	-0.0463	-0.2099	-1.2022	-2.677
153	147	181	Urto	0.3216	-0.0187	0.3231	0.0898	-85.395
153	147	189	Urto	0.4168	-0.0199	0.4179	0.0794	-86.633
153	147	190	Urto	0.5134	0.0352	0.5172	0.1901	83.777
153	147	182	Urto	0.3051	0.0364	0.3092	-0.0159	83.526
153	147	181	Acqua	-0.4056	-0.0224	-0.1068	-0.4073	-4.289
153	147	189	Acqua	-0.4244	-0.0045	-0.1116	-0.4244	-0.815
153	147	190	Acqua	1.4724	-0.0126	1.4725	0.3072	-89.383
153	147	182	Acqua	1.4953	-0.0305	1.4961	0.3174	-88.516
517	203	59	PP	9.8473	0.0869	9.8483	1.9848	89.366
517	203	603	PP	2.5569	0.1009	2.5623	0.6707	86.939
517	203	604	PP	2.5306	0.0384	2.5314	0.6529	88.828
517	203	67	PP	9.7963	0.0245	9.7963	1.9553	89.821
517	203	59	Terreno	13.0775	0.0481	13.0777	2.6684	89.735
517	203	603	Terreno	4.0643	0.0666	4.0657	0.9722	88.767
517	203	604	Terreno	4.0290	0.0271	4.0293	0.9447	89.496
517	203	67	Terreno	13.0170	0.0087	13.0170	2.6608	89.952
517	203	59	Acc-sx	-3.7350	0.0065	-0.7479	-3.7350	0.126
517	203	603	Acc-sx	-3.6955	0.0041	-0.7313	-3.6955	0.079
517	203	604	Acc-sx	-3.6916	5.335E-04	-0.7306	-3.6916	0.010
517	203	67	Acc-sx	-3.7266	0.0030	-0.7459	-3.7266	0.057
517	203	59	Acc-cx	5.7063	0.0303	5.7065	1.1309	89.621
517	203	603	Acc-cx	1.2398	0.0400	1.2414	0.2853	87.602
517	203	604	Acc-cx	1.2222	0.0171	1.2225	0.2746	88.967
517	203	67	Acc-cx	5.6694	0.0074	5.6695	1.1036	89.907
517	203	59	Acc-dx	4.7124	-0.0037	4.7124	0.9429	-89.943
517	203	603	Acc-dx	4.6132	-0.0027	4.6132	0.9159	-89.957
517	203	604	Acc-dx	4.6121	-4.427E-04	4.6121	0.9174	-89.993
517	203	67	Acc-dx	4.7087	-0.0014	4.7087	0.9407	-89.978
517	203	59	Sis-X	-0.0370	-0.0715	0.0565	-0.0917	-37.419
517	203	603	Sis-X	-0.0066	-0.0834	0.0746	-0.0924	-45.807
517	203	604	Sis-X	0.0083	-0.0863	0.0933	-0.0794	-45.453
517	203	67	Sis-X	0.0026	-0.0744	0.0631	-0.0890	-50.920
517	203	59	Sis-Y	-0.9051	0.0016	-0.1813	-0.9051	0.129
517	203	603	Sis-Y	-0.9016	0.0010	-0.1783	-0.9016	0.083
517	203	604	Sis-Y	-0.9007	1.467E-04	-0.1782	-0.9007	0.012
517	203	67	Sis-Y	-0.9031	7.327E-04	-0.1808	-0.9031	0.058
517	203	59	Sis-Z	2.0574	0.0127	2.0575	0.4187	89.556
517	203	603	Sis-Z	0.4723	0.0161	0.4731	0.1260	87.337
517	203	604	Sis-Z	0.4658	0.0064	0.4659	0.1212	88.942
517	203	67	Sis-Z	2.0458	0.0029	2.0458	0.4155	89.896
517	203	59	Urto	-0.1599	-0.3634	0.2913	-0.4526	-38.847
517	203	603	Urto	-0.0060	-0.4274	0.4009	-0.4548	-46.404
517	203	604	Urto	0.0739	-0.4408	0.4898	-0.3933	-46.663
517	203	67	Urto	0.0571	-0.3769	0.3546	-0.4202	-51.704
517	203	59	Acqua	-3.0180	0.0478	-0.5771	-3.0189	1.123
517	203	603	Acqua	-1.9066	0.0553	-0.2636	-1.9085	1.929
517	203	604	Acqua	-1.9207	0.0204	-0.2749	-1.9209	0.709
517	203	67	Acqua	-3.0417	0.0129	-0.5769	-3.0418	0.299

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
581	267	657	PP	-13.4174	0.1503	-0.0069	-13.4191	0.642
581	267	672	PP	-13.4174	-0.1499	-0.0069	-13.4191	-0.640
581	267	673	PP	-12.7792	-0.1499	-0.4182	-12.7810	-0.695
581	267	658	PP	-12.7792	0.1503	-0.4182	-12.7810	0.697
581	267	657	Terreno	-15.0675	0.1574	-0.0089	-15.0691	0.599
581	267	672	Terreno	-15.0675	-0.1564	-0.0089	-15.0691	-0.595
581	267	673	Terreno	-14.4397	-0.1564	-0.6351	-14.4415	-0.649
581	267	658	Terreno	-14.4397	0.1574	-0.6351	-14.4415	0.653
581	267	657	Acc-sx	-0.2917	-0.3749	0.2558	-0.5485	-34.404
581	267	672	Acc-sx	1.0481	-0.3726	1.1671	-0.1182	-72.280
581	267	673	Acc-sx	1.0143	-0.2809	1.0904	-0.0211	-74.822
581	267	658	Acc-sx	-0.2630	-0.2831	0.1625	-0.4514	-33.639
581	267	657	Acc-cx	-8.2216	0.0810	-0.0043	-8.2224	0.565
581	267	672	Acc-cx	-8.2216	-0.0809	-0.0043	-8.2224	-0.564
581	267	673	Acc-cx	-7.9013	-0.0809	-0.3462	-7.9022	-0.614
581	267	658	Acc-cx	-7.9013	0.0810	-0.3462	-7.9022	0.614
581	267	657	Acc-dx	1.0518	0.3726	1.1705	-0.1178	72.331
581	267	672	Acc-dx	-0.2879	0.3749	0.2569	-0.5459	34.529
581	267	673	Acc-dx	-0.2593	0.2831	0.1637	-0.4487	33.793
581	267	658	Acc-dx	1.0180	0.2808	1.0939	-0.0207	74.872
581	267	657	Sis-X	0.2698	-0.0076	0.2700	-1.175E-04	-88.380
581	267	672	Sis-X	0.2698	0.0076	0.2700	-1.149E-04	88.389
581	267	673	Sis-X	0.2388	0.0076	0.2391	0.0276	87.942
581	267	658	Sis-X	0.2388	-0.0076	0.2391	0.0276	-87.930
581	267	657	Sis-Y	-0.0905	-0.0902	0.0555	-0.1462	-31.715
581	267	672	Sis-Y	0.2312	-0.0898	0.2620	-0.0306	-71.072
581	267	673	Sis-Y	0.2232	-0.0677	0.2431	-0.0075	-73.633
581	267	658	Sis-Y	-0.0833	-0.0682	0.0329	-0.1233	-30.381
581	267	657	Sis-Z	-2.9333	0.0305	-0.0015	-2.9337	0.597
581	267	672	Sis-Z	-2.9334	-0.0304	-0.0015	-2.9337	-0.593
581	267	673	Sis-Z	-2.8087	-0.0304	-0.1090	-2.8090	-0.644
581	267	658	Sis-Z	-2.8087	0.0305	-0.1090	-2.8090	0.648
581	267	657	Urto	1.4201	-0.0396	1.4212	-5.928E-04	-88.401
581	267	672	Urto	1.4201	0.0393	1.4212	-5.740E-04	88.414
581	267	673	Urto	1.2594	0.0393	1.2608	0.1432	87.982
581	267	658	Urto	1.2594	-0.0396	1.2608	0.1432	-87.966
581	267	657	Acqua	-0.8981	0.0366	0.0023	-0.8996	2.329
581	267	672	Acqua	-0.8981	-0.0359	0.0023	-0.8995	-2.284
581	267	673	Acqua	-0.6605	-0.0359	0.3197	-0.6618	-2.098
581	267	658	Acqua	-0.6605	0.0366	0.3197	-0.6619	2.139
587	273	663	PP	-11.4795	0.0083	-1.5061	-11.4795	0.048
587	273	678	PP	-11.4795	-0.0082	-1.5060	-11.4795	-0.047
587	273	679	PP	-11.4479	-0.0082	-1.5468	-11.4479	-0.048
587	273	664	PP	-11.4480	0.0083	-1.5469	-11.4480	0.048
587	273	663	Terreno	-13.2964	0.0073	-1.9811	-13.2964	0.037
587	273	678	Terreno	-13.2964	-0.0071	-1.9809	-13.2964	-0.036
587	273	679	Terreno	-13.2707	-0.0071	-2.0244	-13.2707	-0.036
587	273	664	Terreno	-13.2708	0.0072	-2.0246	-13.2708	0.037
587	273	663	Acc-sx	-0.2350	-0.0023	-0.0495	-0.2351	-0.698
587	273	678	Acc-sx	0.9691	-0.0021	0.9691	0.1868	-89.849
587	273	679	Acc-sx	0.9689	-5.440E-04	0.9689	0.1893	-89.960
587	273	664	Acc-sx	-0.2351	-7.390E-04	-0.0487	-0.2351	-0.227
587	273	663	Acc-cx	-7.2989	0.0040	-1.1246	-7.2989	0.037
587	273	678	Acc-cx	-7.2989	-0.0040	-1.1246	-7.2989	-0.037

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
587	273	679	Acc-cx	-7.2850	-0.0040	-1.1498	-7.2850	-0.037
587	273	664	Acc-cx	-7.2850	0.0040	-1.1499	-7.2850	0.037
587	273	663	Acc-dx	0.9728	0.0021	0.9729	0.1874	89.850
587	273	678	Acc-dx	-0.2313	0.0022	-0.0489	-0.2313	0.705
587	273	679	Acc-dx	-0.2314	7.335E-04	-0.0481	-0.2314	0.229
587	273	664	Acc-dx	0.9727	5.408E-04	0.9727	0.1899	89.960
587	273	663	Sis-X	0.0475	-0.0084	0.0494	0.0097	-77.427
587	273	678	Sis-X	0.0475	0.0085	0.0494	0.0097	77.379
587	273	679	Sis-X	0.0047	0.0085	0.0111	-0.0065	52.666
587	273	664	Sis-X	0.0047	-0.0084	0.0111	-0.0064	-52.700
587	273	663	Sis-Y	-0.0760	-5.869E-04	-0.0155	-0.0760	-0.556
587	273	678	Sis-Y	0.2128	-5.510E-04	0.2128	0.0411	-89.816
587	273	679	Sis-Y	0.2127	-1.528E-04	0.2127	0.0416	-89.949
587	273	664	Sis-Y	-0.0760	-1.888E-04	-0.0154	-0.0760	-0.178
587	273	663	Sis-Z	-2.5670	0.0016	-0.3677	-2.5671	0.041
587	273	678	Sis-Z	-2.5670	-0.0015	-0.3677	-2.5670	-0.040
587	273	679	Sis-Z	-2.5614	-0.0015	-0.3766	-2.5614	-0.040
587	273	664	Sis-Z	-2.5614	0.0015	-0.3766	-2.5614	0.041
587	273	663	Urto	0.2671	-0.0439	0.2762	0.0544	-78.353
587	273	678	Urto	0.2671	0.0440	0.2762	0.0543	78.324
587	273	679	Urto	0.0444	0.0440	0.0726	-0.0244	57.378
587	273	664	Urto	0.0444	-0.0438	0.0724	-0.0242	-57.414
587	273	663	Acqua	0.0614	0.0048	0.4682	0.0613	0.673
587	273	678	Acqua	0.0614	-0.0046	0.4683	0.0614	-0.650
587	273	679	Acqua	0.0819	-0.0047	0.4579	0.0818	-0.712
587	273	664	Acqua	0.0819	0.0047	0.4578	0.0818	0.720
594	280	670	PP	-12.7792	-0.1503	-0.4182	-12.7810	-0.697
594	280	685	PP	-12.7792	0.1499	-0.4182	-12.7810	0.695
594	280	686	PP	-13.4174	0.1499	-0.0069	-13.4191	0.640
594	280	671	PP	-13.4174	-0.1503	-0.0069	-13.4191	-0.642
594	280	670	Terreno	-14.4397	-0.1574	-0.6351	-14.4415	-0.653
594	280	685	Terreno	-14.4397	0.1564	-0.6351	-14.4415	0.649
594	280	686	Terreno	-15.0675	0.1564	-0.0089	-15.0691	0.595
594	280	671	Terreno	-15.0675	-0.1574	-0.0089	-15.0691	-0.599
594	280	670	Acc-sx	-0.2630	0.2831	0.1625	-0.4514	33.639
594	280	685	Acc-sx	1.0143	0.2809	1.0904	-0.0211	74.822
594	280	686	Acc-sx	1.0481	0.3726	1.1671	-0.1182	72.280
594	280	671	Acc-sx	-0.2917	0.3749	0.2558	-0.5485	34.404
594	280	670	Acc-cx	-7.9013	-0.0810	-0.3462	-7.9022	-0.614
594	280	685	Acc-cx	-7.9013	0.0809	-0.3462	-7.9022	0.614
594	280	686	Acc-cx	-8.2216	0.0809	-0.0043	-8.2224	0.564
594	280	671	Acc-cx	-8.2216	-0.0810	-0.0043	-8.2224	-0.565
594	280	670	Acc-dx	1.0180	-0.2808	1.0939	-0.0207	-74.872
594	280	685	Acc-dx	-0.2593	-0.2831	0.1637	-0.4487	-33.793
594	280	686	Acc-dx	-0.2879	-0.3749	0.2569	-0.5459	-34.529
594	280	671	Acc-dx	1.0518	-0.3726	1.1705	-0.1178	-72.331
594	280	670	Sis-X	-0.2315	-0.0076	-0.0276	-0.2318	-2.143
594	280	685	Sis-X	-0.2315	0.0077	-0.0276	-0.2318	2.152
594	280	686	Sis-X	-0.2627	0.0077	1.233E-04	-0.2629	1.670
594	280	671	Sis-X	-0.2627	-0.0076	1.216E-04	-0.2629	-1.664
594	280	670	Sis-Y	-0.0833	0.0682	0.0329	-0.1233	30.381
594	280	685	Sis-Y	0.2232	0.0677	0.2431	-0.0075	73.633
594	280	686	Sis-Y	0.2312	0.0898	0.2620	-0.0306	71.072
594	280	671	Sis-Y	-0.0905	0.0902	0.0555	-0.1462	31.715

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
594	280	670	Sis-Z	-2.8087	-0.0305	-0.1090	-2.8090	-0.648
594	280	685	Sis-Z	-2.8087	0.0304	-0.1090	-2.8090	0.644
594	280	686	Sis-Z	-2.9334	0.0304	-0.0015	-2.9337	0.593
594	280	671	Sis-Z	-2.9333	-0.0305	-0.0015	-2.9337	-0.597
594	280	670	Urto	-1.1859	-0.0395	-0.1417	-1.1874	-2.165
594	280	685	Urto	-1.1859	0.0398	-0.1417	-1.1875	2.182
594	280	686	Urto	-1.3477	0.0398	6.463E-04	-1.3488	1.690
594	280	671	Urto	-1.3477	-0.0395	6.283E-04	-1.3488	-1.677
594	280	670	Acqua	-0.6605	-0.0366	0.3197	-0.6619	-2.139
594	280	685	Acqua	-0.6605	0.0359	0.3197	-0.6618	2.098
594	280	686	Acqua	-0.8981	0.0359	0.0023	-0.8995	2.284
594	280	671	Acqua	-0.8981	-0.0366	0.0023	-0.8996	-2.329
657	343	738	PP	2.5577	-0.1009	2.5631	0.6713	-86.939
657	343	175	PP	9.8488	-0.0870	9.8498	1.9858	-89.366
657	343	183	PP	9.7977	-0.0245	9.7978	1.9560	-89.821
657	343	739	PP	2.5314	-0.0384	2.5322	0.6537	-88.828
657	343	738	Terreno	4.0660	-0.0666	4.0674	0.9736	-88.766
657	343	175	Terreno	13.0809	-0.0483	13.0811	2.6707	-89.734
657	343	183	Terreno	13.0205	-0.0088	13.0205	2.6624	-89.951
657	343	739	Terreno	4.0309	-0.0272	4.0312	0.9465	-89.495
657	343	738	Acc-sx	4.6084	0.0028	4.6084	0.9151	89.957
657	343	175	Acc-sx	4.7075	0.0037	4.7075	0.9423	89.943
657	343	183	Acc-sx	4.7038	0.0014	4.7038	0.9399	89.979
657	343	739	Acc-sx	4.6073	4.460E-04	4.6073	0.9167	89.993
657	343	738	Acc-cx	1.2399	-0.0400	1.2416	0.2854	-87.601
657	343	175	Acc-cx	5.7066	-0.0303	5.7068	1.1311	-89.621
657	343	183	Acc-cx	5.6697	-0.0074	5.6697	1.1037	-89.907
657	343	739	Acc-cx	1.2223	-0.0171	1.2226	0.2747	-88.966
657	343	738	Acc-dx	-3.6909	-0.0041	-0.7306	-3.6909	-0.080
657	343	175	Acc-dx	-3.7304	-0.0066	-0.7476	-3.7304	-0.126
657	343	183	Acc-dx	-3.7221	-0.0030	-0.7453	-3.7221	-0.057
657	343	739	Acc-dx	-3.6870	-5.331E-04	-0.7300	-3.6870	-0.010
657	343	738	Sis-X	-0.0066	0.0835	0.0744	-0.0927	45.854
657	343	175	Sis-X	-0.0373	0.0716	0.0563	-0.0920	37.409
657	343	183	Sis-X	0.0024	0.0746	0.0628	-0.0897	50.980
657	343	739	Sis-X	0.0083	0.0865	0.0935	-0.0796	45.432
657	343	738	Sis-Y	1.0721	7.220E-04	1.0721	0.2126	89.952
657	343	175	Sis-Y	1.0870	0.0010	1.0870	0.2174	89.933
657	343	183	Sis-Y	1.0860	4.009E-04	1.0860	0.2168	89.974
657	343	739	Sis-Y	1.0717	1.120E-04	1.0717	0.2129	89.993
657	343	738	Sis-Z	0.4726	-0.0161	0.4734	0.1263	-87.336
657	343	175	Sis-Z	2.0580	-0.0127	2.0581	0.4191	-89.555
657	343	183	Sis-Z	2.0463	-0.0030	2.0464	0.4157	-89.896
657	343	739	Sis-Z	0.4661	-0.0064	0.4663	0.1215	-88.941
657	343	738	Urto	-0.0064	0.4277	0.4003	-0.4563	46.441
657	343	175	Urto	-0.1618	0.3637	0.2901	-0.4546	38.834
657	343	183	Urto	0.0554	0.3777	0.3533	-0.4235	51.740
657	343	739	Urto	0.0734	0.4417	0.4904	-0.3944	46.643
657	343	738	Acqua	-1.9054	-0.0554	-0.2626	-1.9073	-1.930
657	343	175	Acqua	-3.0156	-0.0479	-0.5755	-3.0165	-1.125
657	343	183	Acqua	-3.0393	-0.0129	-0.5758	-3.0393	-0.301
657	343	739	Acqua	-1.9193	-0.0204	-0.2737	-1.9196	-0.709
671	357	66	PP	-2.1498	0.1699	-0.4113	-2.1664	5.582
671	357	753	PP	0.7008	0.1968	0.8055	0.3309	61.980

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
671	357	754	PP	0.6569	0.0746	0.6796	0.4118	73.079
671	357	74	PP	-2.2372	0.0477	-0.4363	-2.2385	1.516
671	357	66	Terreno	-12.1877	0.4924	-2.3189	-12.2122	2.856
671	357	753	Terreno	-2.8163	0.5615	0.4801	-2.9120	9.667
671	357	754	Terreno	-2.9286	0.2094	0.3812	-2.9419	3.620
671	357	74	Terreno	-12.4150	0.1403	-2.3638	-12.4170	0.800
671	357	66	Acc-sx	-3.4717	-0.0486	-0.6967	-3.4726	-1.004
671	357	753	Acc-sx	-2.8323	-0.0510	-0.6515	-2.8335	-1.339
671	357	754	Acc-sx	-2.8320	-0.0175	-0.6464	-2.8322	-0.459
671	357	74	Acc-sx	-3.4588	-0.0152	-0.6943	-3.4589	-0.314
671	357	66	Acc-cx	-4.3058	0.2909	-0.8121	-4.3300	4.760
671	357	753	Acc-cx	-0.1852	0.3334	0.6331	-0.3211	22.169
671	357	754	Acc-cx	-0.2444	0.1246	0.5156	-0.2648	9.309
671	357	74	Acc-cx	-4.4519	0.0820	-0.8377	-4.4537	1.300
671	357	66	Acc-dx	2.3336	0.0094	2.3337	0.4647	89.711
671	357	753	Acc-dx	1.8074	0.0079	1.8075	0.3766	89.683
671	357	754	Acc-dx	1.8131	0.0019	1.8131	0.3723	89.925
671	357	74	Acc-dx	2.3342	0.0034	2.3343	0.4647	89.896
671	357	66	Sis-X	0.0324	-0.0030	0.0333	0.0224	-73.610
671	357	753	Sis-X	0.0089	-0.0096	0.0148	-0.0065	-58.167
671	357	754	Sis-X	0.0214	-0.0103	0.0273	0.0033	-60.254
671	357	74	Sis-X	0.0472	-0.0037	0.0475	-0.0088	-86.177
671	357	66	Sis-Y	-0.8652	-0.0115	-0.1736	-0.8654	-0.951
671	357	753	Sis-Y	-0.7035	-0.0120	-0.1608	-0.7038	-1.265
671	357	754	Sis-Y	-0.7036	-0.0041	-0.1595	-0.7037	-0.432
671	357	74	Sis-Y	-0.8623	-0.0036	-0.1731	-0.8623	-0.299
671	357	66	Sis-Z	-1.2009	0.0694	-0.2254	-1.2058	4.071
671	357	753	Sis-Z	-0.0297	0.0791	0.1569	-0.0633	22.986
671	357	754	Sis-Z	-0.0458	0.0296	0.1263	-0.0508	9.752
671	357	74	Sis-Z	-1.2327	0.0199	-0.2343	-1.2331	1.140
671	357	66	Urto	0.3413	-0.0964	0.3836	0.1214	-66.338
671	357	753	Urto	0.1186	-0.1477	0.2263	-0.0839	-53.903
671	357	754	Urto	0.2054	-0.1553	0.3088	-0.0277	-56.330
671	357	74	Urto	0.4782	-0.1040	0.4998	-0.0229	-78.282
671	357	66	Acqua	1.4916	0.0466	1.4934	0.3191	87.723
671	357	753	Acqua	1.3555	0.0531	1.3584	0.3782	86.892
671	357	754	Acqua	1.3447	0.0193	1.3451	0.3762	88.860
671	357	74	Acqua	1.4717	0.0128	1.4719	0.3269	89.358
735	421	807	PP	0.7241	0.1673	0.7370	-1.4433	85.587
735	421	822	PP	0.7241	-0.1671	0.7370	-1.4433	-85.591
735	421	823	PP	1.9020	-0.1671	1.9210	0.4279	-83.533
735	421	808	PP	1.9020	0.1673	1.9210	0.4279	83.526
735	421	807	Terreno	0.6478	0.4257	0.6798	-5.0202	85.705
735	421	822	Terreno	0.6478	-0.4253	0.6797	-5.0202	-85.709
735	421	823	Terreno	3.8052	-0.4253	3.8605	0.5314	-82.598
735	421	808	Terreno	3.8052	0.4257	3.8605	0.5313	82.591
735	421	807	Acc-sx	-0.0880	0.3444	0.3915	-0.3354	35.693
735	421	822	Acc-sx	0.0071	0.3581	0.3670	-0.3493	44.861
735	421	823	Acc-sx	-0.0690	0.3906	0.3441	-0.4383	43.396
735	421	808	Acc-sx	-0.1200	0.3769	0.3034	-0.4555	41.673
735	421	807	Acc-cx	-0.2584	0.1741	-0.2533	-6.2742	88.342
735	421	822	Acc-cx	-0.2584	-0.1741	-0.2534	-6.2742	-88.342
735	421	823	Acc-cx	1.3386	-0.1741	1.3465	-2.4708	-87.383
735	421	808	Acc-cx	1.3386	0.1741	1.3465	-2.4708	87.383

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
735	421	807	Acc-dx	0.0073	-0.3581	0.3667	-0.3495	-44.895
735	421	822	Acc-dx	-0.0878	-0.3445	0.3911	-0.3356	-35.727
735	421	823	Acc-dx	-0.1194	-0.3770	0.3038	-0.4552	-41.690
735	421	808	Acc-dx	-0.0684	-0.3905	0.3445	-0.4378	-43.412
735	421	807	Sis-X	-0.0053	-7.786E-04	0.0057	-0.0054	-4.061
735	421	822	Sis-X	-0.0053	7.862E-04	0.0057	-0.0054	4.101
735	421	823	Sis-X	-0.0095	7.864E-04	0.0032	-0.0096	3.518
735	421	808	Sis-X	-0.0095	-7.784E-04	0.0032	-0.0096	-3.483
735	421	807	Sis-Y	-0.0214	0.0890	0.0989	-0.0873	36.493
735	421	822	Sis-Y	0.0030	0.0918	0.0927	-0.0910	45.678
735	421	823	Sis-Y	-0.0137	0.1002	0.0909	-0.1097	43.760
735	421	808	Sis-Y	-0.0269	0.0974	0.0810	-0.1148	42.062
735	421	807	Sis-Z	0.1779	0.0615	0.1834	-0.5123	84.908
735	421	822	Sis-Z	0.1779	-0.0614	0.1834	-0.5123	-84.914
735	421	823	Sis-Z	0.6169	-0.0614	0.6260	0.2036	-81.544
735	421	808	Sis-Z	0.6169	0.0615	0.6260	0.2036	81.535
735	421	807	Urto	-0.0293	-0.0082	0.0586	-0.0301	-5.324
735	421	822	Urto	-0.0293	0.0082	0.0586	-0.0301	5.313
735	421	823	Urto	-0.0715	0.0082	0.0441	-0.0721	4.048
735	421	808	Urto	-0.0715	-0.0082	0.0441	-0.0721	-4.058
735	421	807	Acqua	0.0992	0.0185	0.1003	-0.2086	86.561
735	421	822	Acqua	0.0992	-0.0182	0.1003	-0.2086	-86.613
735	421	823	Acqua	0.2447	-0.0182	0.2467	0.0774	-83.790
735	421	808	Acqua	0.2447	0.0185	0.2467	0.0773	83.690
741	427	813	PP	5.2350	0.0178	5.2351	2.5731	89.616
741	427	828	PP	5.2350	-0.0178	5.2351	2.5732	-89.618
741	427	829	PP	5.3229	-0.0178	5.3231	2.5857	-89.628
741	427	814	PP	5.3229	0.0178	5.3230	2.5856	89.627
741	427	813	Terreno	12.7594	0.0485	12.7598	6.8812	89.527
741	427	828	Terreno	12.7595	-0.0483	12.7598	6.8813	-89.529
741	427	829	Terreno	12.9993	-0.0484	12.9997	6.9186	-89.544
741	427	814	Terreno	12.9992	0.0484	12.9996	6.9185	89.544
741	427	813	Acc-sx	-0.5308	0.0348	-0.2837	-0.5357	8.010
741	427	828	Acc-sx	-0.0808	0.0378	-0.0618	-0.1560	63.310
741	427	829	Acc-sx	-0.0833	0.0133	-0.0804	-0.1429	77.374
741	427	814	Acc-sx	-0.5432	0.0103	-0.2872	-0.5436	2.304
741	427	813	Acc-cx	6.1034	0.0259	6.1037	3.6265	89.401
741	427	828	Acc-cx	6.1034	-0.0259	6.1037	3.6265	-89.401
741	427	829	Acc-cx	6.2448	-0.0259	6.2451	3.7124	-89.414
741	427	814	Acc-cx	6.2448	0.0259	6.2451	3.7124	89.414
741	427	813	Acc-dx	-0.0782	-0.0378	-0.0593	-0.1539	-63.486
741	427	828	Acc-dx	-0.5282	-0.0348	-0.2819	-0.5331	-8.038
741	427	829	Acc-dx	-0.5406	-0.0103	-0.2854	-0.5410	-2.315
741	427	814	Acc-dx	-0.0807	-0.0133	-0.0777	-0.1410	-77.533
741	427	813	Sis-X	-0.0454	-0.0020	-3.655E-04	-0.0455	-2.492
741	427	828	Sis-X	-0.0454	0.0020	-3.680E-04	-0.0455	2.532
741	427	829	Sis-X	-0.0566	0.0020	-0.0091	-0.0567	2.404
741	427	814	Sis-X	-0.0566	-0.0020	-0.0091	-0.0567	-2.361
741	427	813	Sis-Y	-0.1217	0.0090	-0.0622	-0.1231	8.599
741	427	828	Sis-Y	-0.0058	0.0096	-0.0017	-0.0286	67.099
741	427	829	Sis-Y	-0.0060	0.0033	-0.0055	-0.0258	80.377
741	427	814	Sis-Y	-0.1245	0.0027	-0.0631	-0.1246	2.539
741	427	813	Sis-Z	1.8727	0.0069	1.8728	0.9851	89.554
741	427	828	Sis-Z	1.8727	-0.0069	1.8728	0.9851	-89.556

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
741	427	829	Sis-Z	1.9064	-0.0069	1.9064	0.9879	-89.570
741	427	814	Sis-Z	1.9064	0.0069	1.9064	0.9879	89.570
741	427	813	Urto	-0.4399	-0.0205	0.0117	-0.4408	-2.604
741	427	828	Urto	-0.4399	0.0207	0.0117	-0.4409	2.619
741	427	829	Urto	-0.5574	0.0207	-0.0814	-0.5583	2.487
741	427	814	Urto	-0.5574	-0.0205	-0.0814	-0.5583	-2.468
741	427	813	Acqua	0.8093	0.0041	0.8094	0.5740	88.999
741	427	828	Acqua	0.8093	-0.0040	0.8094	0.5741	-89.024
741	427	829	Acqua	0.8293	-0.0040	0.8294	0.5765	-89.084
741	427	814	Acqua	0.8293	0.0041	0.8293	0.5764	89.076
748	434	820	PP	1.9020	-0.1673	1.9210	0.4279	-83.526
748	434	835	PP	1.9020	0.1671	1.9210	0.4279	83.533
748	434	836	PP	0.7241	0.1671	0.7370	-1.4433	85.591
748	434	821	PP	0.7241	-0.1673	0.7370	-1.4433	-85.587
748	434	820	Terreno	3.8052	-0.4257	3.8605	0.5313	-82.591
748	434	835	Terreno	3.8052	0.4253	3.8605	0.5314	82.598
748	434	836	Terreno	0.6478	0.4253	0.6797	-5.0202	85.709
748	434	821	Terreno	0.6478	-0.4257	0.6798	-5.0202	-85.705
748	434	820	Acc-sx	-0.1200	-0.3769	0.3034	-0.4555	-41.673
748	434	835	Acc-sx	-0.0690	-0.3906	0.3441	-0.4383	-43.396
748	434	836	Acc-sx	0.0071	-0.3581	0.3670	-0.3493	-44.861
748	434	821	Acc-sx	-0.0880	-0.3444	0.3915	-0.3354	-35.693
748	434	820	Acc-cx	1.3386	-0.1741	1.3465	-2.4708	-87.383
748	434	835	Acc-cx	1.3386	0.1741	1.3465	-2.4708	87.383
748	434	836	Acc-cx	-0.2584	0.1741	-0.2534	-6.2742	88.342
748	434	821	Acc-cx	-0.2584	-0.1741	-0.2533	-6.2742	-88.342
748	434	820	Acc-dx	-0.0684	0.3905	0.3445	-0.4378	43.412
748	434	835	Acc-dx	-0.1194	0.3770	0.3038	-0.4552	41.690
748	434	836	Acc-dx	-0.0878	0.3445	0.3911	-0.3356	35.727
748	434	821	Acc-dx	0.0073	0.3581	0.3667	-0.3495	44.895
748	434	820	Sis-X	-0.0915	0.0063	-0.0913	-0.3914	88.795
748	434	835	Sis-X	-0.0915	-0.0063	-0.0913	-0.3914	-88.802
748	434	836	Sis-X	-0.0846	-0.0063	-0.0845	-0.5079	-89.151
748	434	821	Sis-X	-0.0846	0.0063	-0.0845	-0.5079	89.146
748	434	820	Sis-Y	-0.0269	-0.0974	0.0810	-0.1148	-42.062
748	434	835	Sis-Y	-0.0137	-0.1002	0.0909	-0.1097	-43.760
748	434	836	Sis-Y	0.0030	-0.0918	0.0927	-0.0910	-45.678
748	434	821	Sis-Y	-0.0214	-0.0890	0.0989	-0.0873	-36.493
748	434	820	Sis-Z	0.6169	-0.0615	0.6260	0.2036	-81.535
748	434	835	Sis-Z	0.6169	0.0614	0.6260	0.2036	81.544
748	434	836	Sis-Z	0.1779	0.0614	0.1834	-0.5123	84.914
748	434	821	Sis-Z	0.1779	-0.0615	0.1834	-0.5123	-84.908
748	434	820	Urto	-0.9282	0.0629	-0.9269	-3.8553	88.768
748	434	835	Urto	-0.9282	-0.0627	-0.9269	-3.8552	-88.773
748	434	836	Urto	-0.8572	-0.0627	-0.8562	-5.0071	-89.134
748	434	821	Urto	-0.8572	0.0629	-0.8562	-5.0072	89.131
748	434	820	Acqua	0.2447	-0.0185	0.2467	0.0773	-83.690
748	434	835	Acqua	0.2447	0.0182	0.2467	0.0774	83.790
748	434	836	Acqua	0.0992	0.0182	0.1003	-0.2086	86.613
748	434	821	Acqua	0.0992	-0.0185	0.1003	-0.2086	-86.561
811	497	888	PP	0.7012	-0.1968	0.8060	0.3314	-61.977
811	497	182	PP	-2.1490	-0.1699	-0.4108	-2.1656	-5.583
811	497	190	PP	-2.2363	-0.0477	-0.4357	-2.2376	-1.516
811	497	889	PP	0.6574	-0.0745	0.6801	0.4123	-73.079

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
811	497	888	Terreno	-2.8153	-0.5615	0.4812	-2.9110	-9.666
811	497	182	Terreno	-12.1858	-0.4924	-2.3177	-12.2104	-2.857
811	497	190	Terreno	-12.4130	-0.1403	-2.3624	-12.4150	-0.800
811	497	889	Terreno	-2.9275	-0.2094	0.3823	-2.9408	-3.620
811	497	888	Acc-sx	1.8027	-0.0077	1.8028	0.3754	-89.692
811	497	182	Acc-sx	2.3282	-0.0092	2.3282	0.4637	-89.718
811	497	190	Acc-sx	2.3289	-0.0033	2.3289	0.4638	-89.898
811	497	889	Acc-sx	1.8084	-0.0018	1.8084	0.3711	-89.928
811	497	888	Acc-cx	-0.1851	-0.3334	0.6332	-0.3210	-22.169
811	497	182	Acc-cx	-4.3056	-0.2909	-0.8120	-4.3299	-4.760
811	497	190	Acc-cx	-4.4517	-0.0820	-0.8375	-4.4536	-1.300
811	497	889	Acc-cx	-0.2443	-0.1246	0.5157	-0.2648	-9.309
811	497	888	Acc-dx	-2.8277	0.0507	-0.6504	-2.8289	1.335
811	497	182	Acc-dx	-3.4665	0.0484	-0.6959	-3.4674	1.001
811	497	190	Acc-dx	-3.4537	0.0151	-0.6935	-3.4538	0.313
811	497	889	Acc-dx	-2.8275	0.0174	-0.6454	-2.8276	0.458
811	497	888	Sis-X	0.0088	0.0096	0.0148	-0.0066	58.132
811	497	182	Sis-X	0.0323	0.0030	0.0332	0.0222	73.445
811	497	190	Sis-X	0.0471	0.0038	0.0474	-0.0088	86.127
811	497	889	Sis-X	0.0213	0.0104	0.0273	0.0032	60.203
811	497	888	Sis-Y	0.4899	-0.0031	0.4899	0.1034	-89.542
811	497	182	Sis-Y	0.6280	-0.0034	0.6280	0.1250	-89.615
811	497	190	Sis-Y	0.6278	-0.0012	0.6279	0.1250	-89.868
811	497	889	Sis-Y	0.4912	-8.669E-04	0.4912	0.1023	-89.872
811	497	888	Sis-Z	-0.0295	-0.0791	0.1571	-0.0631	-22.984
811	497	182	Sis-Z	-1.2006	-0.0694	-0.2252	-1.2055	-4.072
811	497	190	Sis-Z	-1.2324	-0.0199	-0.2340	-1.2328	-1.140
811	497	889	Sis-Z	-0.0456	-0.0296	0.1265	-0.0507	-9.750
811	497	888	Urto	0.1183	0.1479	0.2262	-0.0844	53.899
811	497	182	Urto	0.3407	0.0966	0.3831	0.1206	66.304
811	497	190	Urto	0.4776	0.1042	0.4993	-0.0234	78.254
811	497	889	Urto	0.2050	0.1555	0.3087	-0.0282	56.319
811	497	888	Acqua	1.3562	-0.0531	1.3591	0.3790	-86.892
811	497	182	Acqua	1.4929	-0.0467	1.4948	0.3199	-87.722
811	497	190	Acqua	1.4732	-0.0128	1.4733	0.3279	-89.358
811	497	889	Acqua	1.3455	-0.0192	1.3459	0.3771	-88.861
839	525	807	PP	1.4188	-0.0611	1.4220	0.2351	-87.043
839	525	822	PP	1.4188	0.0611	1.4220	0.2351	87.047
839	525	920	PP	0.7329	0.0611	0.7435	0.3837	80.080
839	525	916	PP	0.7329	-0.0611	0.7436	0.3837	-80.069
839	525	807	Terreno	4.9708	-0.1412	4.9756	0.8631	-88.031
839	525	822	Terreno	4.9708	0.1410	4.9756	0.8630	88.034
839	525	920	Terreno	2.3105	0.1411	2.3257	0.9981	83.866
839	525	916	Terreno	2.3105	-0.1412	2.3257	0.9981	-83.859
839	525	807	Acc-sx	-0.1590	-0.1349	0.0342	-0.2532	-34.939
839	525	822	Acc-sx	0.0062	-0.1413	0.1592	-0.1243	-42.719
839	525	920	Acc-sx	-0.0081	-0.0952	0.0854	-0.1051	-45.530
839	525	916	Acc-sx	-0.0870	-0.0889	0.0294	-0.1549	-37.385
839	525	807	Acc-cx	6.2593	-0.0590	6.2600	1.1914	-89.333
839	525	822	Acc-cx	6.2593	0.0590	6.2600	1.1914	89.333
839	525	920	Acc-cx	3.4228	0.0590	3.4242	0.9067	88.656
839	525	916	Acc-cx	3.4228	-0.0590	3.4242	0.9067	-88.656
839	525	807	Acc-dx	0.0069	0.1412	0.1596	-0.1238	42.775
839	525	822	Acc-dx	-0.1583	0.1350	0.0346	-0.2528	34.994

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
839	525	920	Acc-dx	-0.0866	0.0890	0.0297	-0.1546	37.417
839	525	916	Acc-dx	-0.0077	0.0952	0.0857	-0.1048	45.559
839	525	807	Sis-X	-0.0056	2.443E-04	0.0017	-0.0056	1.922
839	525	822	Sis-X	-0.0056	-2.478E-04	0.0017	-0.0056	-1.948
839	525	920	Sis-X	-0.0032	-2.476E-04	9.909E-04	-0.0032	-3.386
839	525	916	Sis-X	-0.0032	2.446E-04	9.903E-04	-0.0032	3.345
839	525	807	Sis-Y	-0.0369	-0.0349	0.0108	-0.0624	-36.162
839	525	822	Sis-Y	0.0056	-0.0362	0.0430	-0.0294	-44.018
839	525	920	Sis-Y	3.847E-04	-0.0243	0.0237	-0.0251	-46.264
839	525	916	Sis-Y	-0.0199	-0.0230	0.0094	-0.0381	-38.167
839	525	807	Sis-Z	0.5036	-0.0213	0.5047	0.0833	-87.093
839	525	822	Sis-Z	0.5036	0.0213	0.5047	0.0833	87.097
839	525	920	Sis-Z	0.2530	0.0213	0.2568	0.1328	79.944
839	525	916	Sis-Z	0.2530	-0.0213	0.2568	0.1328	-79.931
839	525	807	Urto	-0.0579	0.0025	0.0050	-0.0580	2.255
839	525	822	Urto	-0.0579	-0.0025	0.0051	-0.0580	-2.246
839	525	920	Urto	-0.0301	-0.0025	-0.0011	-0.0303	-4.871
839	525	916	Urto	-0.0301	0.0025	-0.0011	-0.0303	4.887
839	525	807	Acqua	0.2048	-0.0085	0.2052	0.0360	-87.110
839	525	822	Acqua	0.2048	0.0084	0.2052	0.0360	87.155
839	525	920	Acqua	0.1275	0.0084	0.1286	0.0605	82.861
839	525	916	Acqua	0.1275	-0.0085	0.1286	0.0605	-82.766
883	569	821	PP	-1.4188	0.0611	-0.2351	-1.4220	2.957
883	569	836	PP	-1.4188	-0.0611	-0.2351	-1.4220	-2.953
883	569	966	PP	-0.7329	-0.0611	-0.3837	-0.7435	-9.920
883	569	962	PP	-0.7329	0.0611	-0.3837	-0.7436	9.931
883	569	821	Terreno	-4.9708	0.1412	-0.8631	-4.9756	1.969
883	569	836	Terreno	-4.9708	-0.1410	-0.8630	-4.9756	-1.966
883	569	966	Terreno	-2.3105	-0.1411	-0.9981	-2.3257	-6.134
883	569	962	Terreno	-2.3105	0.1412	-0.9981	-2.3257	6.141
883	569	821	Acc-sx	0.1590	0.1349	0.2532	-0.0342	55.061
883	569	836	Acc-sx	-0.0062	0.1413	0.1243	-0.1592	47.281
883	569	966	Acc-sx	0.0081	0.0952	0.1051	-0.0854	44.470
883	569	962	Acc-sx	0.0870	0.0889	0.1549	-0.0294	52.615
883	569	821	Acc-cx	-6.2593	0.0590	-1.1914	-6.2600	0.667
883	569	836	Acc-cx	-6.2593	-0.0590	-1.1914	-6.2600	-0.667
883	569	966	Acc-cx	-3.4228	-0.0590	-0.9067	-3.4242	-1.344
883	569	962	Acc-cx	-3.4228	0.0590	-0.9067	-3.4242	1.344
883	569	821	Acc-dx	-0.0069	-0.1412	0.1238	-0.1596	-47.225
883	569	836	Acc-dx	0.1583	-0.1350	0.2528	-0.0346	-55.006
883	569	966	Acc-dx	0.0866	-0.0890	0.1546	-0.0297	-52.583
883	569	962	Acc-dx	0.0077	-0.0952	0.1048	-0.0857	-44.441
883	569	821	Sis-X	-0.5079	-0.0022	-0.0993	-0.5079	-0.302
883	569	836	Sis-X	-0.5079	0.0021	-0.0993	-0.5079	0.299
883	569	966	Sis-X	-0.3096	0.0021	-0.0493	-0.3096	0.470
883	569	962	Sis-X	-0.3096	-0.0022	-0.0493	-0.3096	-0.474
883	569	821	Sis-Y	0.0369	0.0349	0.0624	-0.0108	53.838
883	569	836	Sis-Y	-0.0056	0.0362	0.0294	-0.0430	45.982
883	569	966	Sis-Y	-3.847E-04	0.0243	0.0251	-0.0237	43.736
883	569	962	Sis-Y	0.0199	0.0230	0.0381	-0.0094	51.833
883	569	821	Sis-Z	-0.5036	0.0213	-0.0833	-0.5047	2.907
883	569	836	Sis-Z	-0.5036	-0.0213	-0.0833	-0.5047	-2.903
883	569	966	Sis-Z	-0.2530	-0.0213	-0.1328	-0.2568	-10.056
883	569	962	Sis-Z	-0.2530	0.0213	-0.1328	-0.2568	10.069

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
Text	Text	Text	Text	Kip-in/in	Kip-in/in	Kip-in/in	Kip-in/in	Degrees
883	569	821	Urto	-5.0070	-0.0216	-0.9966	-5.0072	-0.308
883	569	836	Urto	-5.0070	0.0215	-0.9967	-5.0071	0.307
883	569	966	Urto	-4.3080	0.0215	-0.7536	-4.3081	0.346
883	569	962	Urto	-4.3080	-0.0216	-0.7536	-4.3081	-0.347
883	569	821	Acqua	-0.2048	0.0085	-0.0360	-0.2052	2.890
883	569	836	Acqua	-0.2048	-0.0084	-0.0360	-0.2052	-2.845
883	569	966	Acqua	-0.1275	-0.0084	-0.0605	-0.1286	-7.139
883	569	962	Acqua	-0.1275	0.0085	-0.0605	-0.1286	7.234

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
49	43	59	PP	8.963E-04	0.0554	0.0554	89.073
49	43	67	PP	8.963E-04	0.0550	0.0550	89.066
49	43	68	PP	0.0011	0.0550	0.0550	88.824
49	43	60	PP	0.0011	0.0554	0.0554	88.833
49	43	59	Terreno	0.0017	0.2106	0.2106	89.536
49	43	67	Terreno	0.0017	0.2096	0.2096	89.534
49	43	68	Terreno	8.507E-04	0.2096	0.2096	89.767
49	43	60	Terreno	8.507E-04	0.2106	0.2106	89.769
49	43	59	Acc-sx	-6.232E-05	-0.0543	0.0543	-90.066
49	43	67	Acc-sx	-6.232E-05	-0.0541	0.0541	-90.066
49	43	68	Acc-sx	-1.706E-04	-0.0541	0.0541	-90.181
49	43	60	Acc-sx	-1.706E-04	-0.0543	0.0543	-90.180
49	43	59	Acc-cx	2.906E-04	0.0170	0.0170	89.021
49	43	67	Acc-cx	2.906E-04	0.0166	0.0166	88.998
49	43	68	Acc-cx	5.634E-04	0.0166	0.0166	88.058
49	43	60	Acc-cx	5.634E-04	0.0170	0.0170	88.102
49	43	59	Acc-dx	-1.154E-04	0.1436	0.1436	90.046
49	43	67	Acc-dx	-1.154E-04	0.1435	0.1435	90.046
49	43	68	Acc-dx	1.843E-04	0.1435	0.1435	89.926
49	43	60	Acc-dx	1.843E-04	0.1436	0.1436	89.926
49	43	59	Sis-X	-0.0018	-4.331E-04	0.0019	-166.497
49	43	67	Sis-X	-0.0018	3.978E-04	0.0018	167.561
49	43	68	Sis-X	-0.0012	3.978E-04	0.0012	161.376
49	43	60	Sis-X	-0.0012	-4.331E-04	0.0013	-159.852
49	43	59	Sis-Y	-1.076E-05	-0.0133	0.0133	-90.046
49	43	67	Sis-Y	-1.076E-05	-0.0133	0.0133	-90.046
49	43	68	Sis-Y	-4.177E-05	-0.0133	0.0133	-90.180
49	43	60	Sis-Y	-4.177E-05	-0.0133	0.0133	-90.179
49	43	59	Sis-Z	2.961E-04	0.0076	0.0076	87.774
49	43	67	Sis-Z	2.961E-04	0.0074	0.0074	87.720
49	43	68	Sis-Z	1.896E-04	0.0074	0.0074	88.539
49	43	60	Sis-Z	1.896E-04	0.0076	0.0076	88.574
49	43	59	Urto	-0.0088	-2.362E-04	0.0088	-178.458
49	43	67	Urto	-0.0088	0.0039	0.0096	156.177
49	43	68	Urto	-0.0061	0.0039	0.0072	147.642
49	43	60	Urto	-0.0061	-2.362E-04	0.0061	-177.788
49	43	59	Acqua	0.0011	-0.1949	0.1949	-89.666
49	43	67	Acqua	0.0011	-0.1953	0.1953	-89.667
49	43	68	Acqua	4.740E-04	-0.1953	0.1953	-89.861
49	43	60	Acqua	4.740E-04	-0.1949	0.1949	-89.861

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
52	46	62	PP	-7.792E-04	0.0620	0.0620	90.720
52	46	70	PP	-7.792E-04	0.0611	0.0611	90.731
52	46	71	PP	-0.0011	0.0611	0.0611	91.076
52	46	63	PP	-0.0011	0.0620	0.0620	91.060
52	46	62	Terreno	-0.0025	0.0037	0.0045	123.580
52	46	70	Terreno	-0.0025	0.0018	0.0031	144.380
52	46	71	Terreno	-0.0032	0.0018	0.0037	150.885
52	46	63	Terreno	-0.0032	0.0037	0.0049	130.499
52	46	62	Acc-sx	2.845E-04	-0.0534	0.0534	-89.695
52	46	70	Acc-sx	2.845E-04	-0.0532	0.0532	-89.694
52	46	71	Acc-sx	3.420E-04	-0.0532	0.0532	-89.632
52	46	63	Acc-sx	3.420E-04	-0.0534	0.0534	-89.633
52	46	62	Acc-cx	-0.0015	0.0174	0.0175	94.874
52	46	70	Acc-cx	-0.0015	0.0164	0.0165	95.177
52	46	71	Acc-cx	-0.0020	0.0164	0.0165	96.973
52	46	63	Acc-cx	-0.0020	0.0174	0.0175	96.567
52	46	62	Acc-dx	5.941E-05	0.0513	0.0513	89.934
52	46	70	Acc-dx	5.941E-05	0.0513	0.0513	89.934
52	46	71	Acc-dx	3.028E-05	0.0513	0.0513	89.966
52	46	63	Acc-dx	3.028E-05	0.0513	0.0513	89.966
52	46	62	Sis-X	-3.825E-04	-9.178E-06	3.827E-04	-178.626
52	46	70	Sis-X	-3.825E-04	4.355E-04	5.797E-04	131.296
52	46	71	Sis-X	-3.031E-04	4.355E-04	5.306E-04	124.839
52	46	63	Sis-X	-3.031E-04	-9.178E-06	3.033E-04	-178.266
52	46	62	Sis-Y	6.730E-05	-0.0131	0.0131	-89.706
52	46	70	Sis-Y	6.730E-05	-0.0131	0.0131	-89.705
52	46	71	Sis-Y	8.066E-05	-0.0131	0.0131	-89.646
52	46	63	Sis-Y	8.066E-05	-0.0131	0.0131	-89.647
52	46	62	Sis-Z	-3.724E-04	0.0082	0.0082	92.609
52	46	70	Sis-Z	-3.724E-04	0.0079	0.0079	92.711
52	46	71	Sis-Z	-4.781E-04	0.0079	0.0079	93.479
52	46	63	Sis-Z	-4.781E-04	0.0082	0.0082	93.347
52	46	62	Urto	-0.0013	0.0016	0.0021	128.706
52	46	70	Urto	-0.0013	0.0043	0.0045	106.649
52	46	71	Urto	-7.077E-04	0.0043	0.0044	99.329
52	46	63	Urto	-7.077E-04	0.0016	0.0018	113.759
52	46	62	Acqua	-1.532E-04	0.0193	0.0193	90.455
52	46	70	Acqua	-1.532E-04	0.0189	0.0189	90.465
52	46	71	Acqua	-2.186E-04	0.0189	0.0189	90.664
52	46	63	Acqua	-2.186E-04	0.0193	0.0193	90.649
55	49	65	PP	-0.0028	0.0418	0.0419	93.825
55	49	73	PP	-0.0028	0.0406	0.0407	93.942
55	49	74	PP	-0.0029	0.0406	0.0407	94.024
55	49	66	PP	-0.0029	0.0418	0.0419	93.904
55	49	65	Terreno	-0.0069	-0.1888	0.1889	-92.087
55	49	73	Terreno	-0.0069	-0.1922	0.1923	-92.050
55	49	74	Terreno	-0.0080	-0.1922	0.1923	-92.383
55	49	66	Terreno	-0.0080	-0.1888	0.1889	-92.425
55	49	65	Acc-sx	4.357E-04	-0.0476	0.0476	-89.476
55	49	73	Acc-sx	4.357E-04	-0.0477	0.0477	-89.477
55	49	74	Acc-sx	5.812E-04	-0.0477	0.0477	-89.302
55	49	66	Acc-sx	5.812E-04	-0.0476	0.0476	-89.301
55	49	65	Acc-cx	-0.0045	-0.0140	0.0147	-107.599
55	49	73	Acc-cx	-0.0045	-0.0168	0.0174	-104.829
55	49	74	Acc-cx	-0.0052	-0.0168	0.0176	-107.094

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
55	49	66	Acc-cx	-0.0052	-0.0140	0.0150	-110.226
55	49	65	Acc-dx	4.391E-05	-0.0419	0.0419	-89.940
55	49	73	Acc-dx	4.391E-05	-0.0417	0.0417	-89.940
55	49	74	Acc-dx	-1.861E-04	-0.0417	0.0418	-90.255
55	49	66	Acc-dx	-1.861E-04	-0.0419	0.0419	-90.255
55	49	65	Sis-X	9.945E-05	-3.131E-04	3.285E-04	-72.378
55	49	73	Sis-X	9.945E-05	5.792E-04	5.877E-04	80.257
55	49	74	Sis-X	0.0021	5.792E-04	0.0022	15.192
55	49	66	Sis-X	0.0021	-3.131E-04	0.0022	-8.351
55	49	65	Sis-Y	9.987E-05	-0.0117	0.0117	-89.512
55	49	73	Sis-Y	9.987E-05	-0.0118	0.0118	-89.514
55	49	74	Sis-Y	1.367E-04	-0.0118	0.0118	-89.334
55	49	66	Sis-Y	1.367E-04	-0.0117	0.0117	-89.332
55	49	65	Sis-Z	-9.960E-04	2.460E-04	0.0010	166.128
55	49	73	Sis-Z	-9.960E-04	-1.627E-04	0.0010	-170.721
55	49	74	Sis-Z	-0.0011	-1.627E-04	0.0011	-171.286
55	49	66	Sis-Z	-0.0011	2.460E-04	0.0011	166.957
55	49	65	Urto	0.0023	-8.811E-04	0.0024	-21.374
55	49	73	Urto	0.0023	0.0049	0.0054	65.159
55	49	74	Urto	0.0133	0.0049	0.0141	20.150
55	49	66	Urto	0.0133	-8.811E-04	0.0133	-3.803
55	49	65	Acqua	-5.753E-04	0.0974	0.0974	90.338
55	49	73	Acqua	-5.753E-04	0.0972	0.0972	90.339
55	49	74	Acqua	-9.623E-04	0.0972	0.0972	90.567
55	49	66	Acqua	-9.623E-04	0.0974	0.0974	90.566
147	141	175	PP	-8.614E-04	-0.0554	0.0554	-90.890
147	141	183	PP	-8.614E-04	-0.0550	0.0550	-90.897
147	141	184	PP	-0.0011	-0.0550	0.0550	-91.176
147	141	176	PP	-0.0011	-0.0554	0.0554	-91.167
147	141	175	Terreno	-0.0016	-0.2107	0.2107	-90.440
147	141	183	Terreno	-0.0016	-0.2097	0.2097	-90.442
147	141	184	Terreno	-8.523E-04	-0.2097	0.2097	-90.233
147	141	176	Terreno	-8.523E-04	-0.2107	0.2107	-90.232
147	141	175	Acc-sx	1.322E-04	-0.1435	0.1435	-89.947
147	141	183	Acc-sx	1.322E-04	-0.1434	0.1434	-89.947
147	141	184	Acc-sx	-1.839E-04	-0.1434	0.1434	-90.073
147	141	176	Acc-sx	-1.839E-04	-0.1435	0.1435	-90.073
147	141	175	Acc-cx	-2.842E-04	-0.0170	0.0170	-90.957
147	141	183	Acc-cx	-2.842E-04	-0.0166	0.0166	-90.980
147	141	184	Acc-cx	-5.636E-04	-0.0166	0.0166	-91.943
147	141	176	Acc-cx	-5.636E-04	-0.0170	0.0170	-91.898
147	141	175	Acc-dx	3.606E-05	0.0543	0.0543	89.962
147	141	183	Acc-dx	3.606E-05	0.0540	0.0540	89.962
147	141	184	Acc-dx	1.705E-04	0.0540	0.0540	89.819
147	141	176	Acc-dx	1.705E-04	0.0543	0.0543	89.820
147	141	175	Sis-X	0.0018	4.465E-04	0.0018	14.072
147	141	183	Sis-X	0.0018	-3.881E-04	0.0018	-12.293
147	141	184	Sis-X	0.0012	-3.881E-04	0.0013	-17.993
147	141	176	Sis-X	0.0012	4.465E-04	0.0013	20.486
147	141	175	Sis-Y	2.401E-05	-0.0277	0.0277	-89.950
147	141	183	Sis-Y	2.401E-05	-0.0276	0.0276	-89.950
147	141	184	Sis-Y	-4.373E-05	-0.0276	0.0276	-90.091
147	141	176	Sis-Y	-4.373E-05	-0.0277	0.0277	-90.091
147	141	175	Sis-Z	-2.816E-04	-0.0076	0.0076	-92.114
147	141	183	Sis-Z	-2.816E-04	-0.0075	0.0075	-92.164

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
147	141	184	Sis-Z	-1.900E-04	-0.0075	0.0075	-91.460
147	141	176	Sis-Z	-1.900E-04	-0.0076	0.0076	-91.426
147	141	175	Urto	0.0086	3.045E-04	0.0086	2.018
147	141	183	Urto	0.0086	-0.0038	0.0094	-23.806
147	141	184	Urto	0.0062	-0.0038	0.0073	-31.671
147	141	176	Urto	0.0062	3.045E-04	0.0062	2.821
147	141	175	Acqua	-0.0011	0.1948	0.1948	90.317
147	141	183	Acqua	-0.0011	0.1952	0.1952	90.316
147	141	184	Acqua	-4.756E-04	0.1952	0.1952	90.140
147	141	176	Acqua	-4.756E-04	0.1948	0.1948	90.140
150	144	178	PP	7.814E-04	-0.0620	0.0620	-89.278
150	144	186	PP	7.814E-04	-0.0611	0.0611	-89.267
150	144	187	PP	0.0011	-0.0611	0.0611	-88.922
150	144	179	PP	0.0011	-0.0620	0.0620	-88.939
150	144	178	Terreno	0.0025	-0.0038	0.0045	-56.583
150	144	186	Terreno	0.0025	-0.0018	0.0031	-36.057
150	144	187	Terreno	0.0032	-0.0018	0.0037	-29.531
150	144	179	Terreno	0.0032	-0.0038	0.0049	-49.703
150	144	178	Acc-sx	-5.952E-05	-0.0512	0.0512	-90.067
150	144	186	Acc-sx	-5.952E-05	-0.0512	0.0512	-90.067
150	144	187	Acc-sx	-3.095E-05	-0.0512	0.0512	-90.035
150	144	179	Acc-sx	-3.095E-05	-0.0512	0.0512	-90.035
150	144	178	Acc-cx	0.0015	-0.0174	0.0175	-85.125
150	144	186	Acc-cx	0.0015	-0.0164	0.0165	-84.823
150	144	187	Acc-cx	0.0020	-0.0164	0.0165	-83.027
150	144	179	Acc-cx	0.0020	-0.0174	0.0175	-83.433
150	144	178	Acc-dx	-2.849E-04	0.0533	0.0533	90.306
150	144	186	Acc-dx	-2.849E-04	0.0531	0.0531	90.307
150	144	187	Acc-dx	-3.417E-04	0.0531	0.0531	90.368
150	144	179	Acc-dx	-3.417E-04	0.0533	0.0533	90.367
150	144	178	Sis-X	3.838E-04	1.039E-05	3.839E-04	1.551
150	144	186	Sis-X	3.838E-04	-4.342E-04	5.795E-04	-48.529
150	144	187	Sis-X	3.031E-04	-4.342E-04	5.296E-04	-55.086
150	144	179	Sis-X	3.031E-04	1.039E-05	3.033E-04	1.964
150	144	178	Sis-Y	-1.782E-06	-0.0150	0.0150	-90.007
150	144	186	Sis-Y	-1.782E-06	-0.0150	0.0150	-90.007
150	144	187	Sis-Y	6.237E-06	-0.0150	0.0150	-89.976
150	144	179	Sis-Y	6.237E-06	-0.0150	0.0150	-89.976
150	144	178	Sis-Z	3.733E-04	-0.0082	0.0082	-87.387
150	144	186	Sis-Z	3.733E-04	-0.0079	0.0079	-87.284
150	144	187	Sis-Z	4.787E-04	-0.0079	0.0079	-86.519
150	144	179	Sis-Z	4.787E-04	-0.0082	0.0082	-86.651
150	144	178	Urto	0.0013	-0.0016	0.0021	-51.038
150	144	186	Urto	0.0013	-0.0043	0.0045	-73.268
150	144	187	Urto	7.063E-04	-0.0043	0.0044	-80.668
150	144	179	Urto	7.063E-04	-0.0016	0.0017	-66.152
150	144	178	Acqua	1.568E-04	-0.0193	0.0193	-89.535
150	144	186	Acqua	1.568E-04	-0.0189	0.0189	-89.524
150	144	187	Acqua	2.211E-04	-0.0189	0.0189	-89.329
150	144	179	Acqua	2.211E-04	-0.0193	0.0193	-89.344
153	147	181	PP	0.0028	-0.0419	0.0419	-86.180
153	147	189	PP	0.0028	-0.0406	0.0407	-86.063
153	147	190	PP	0.0029	-0.0406	0.0407	-85.977
153	147	182	PP	0.0029	-0.0419	0.0419	-86.096
153	147	181	Terreno	0.0069	0.1887	0.1888	87.914

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
153	147	189	Terreno	0.0069	0.1921	0.1922	87.950
153	147	190	Terreno	0.0080	0.1921	0.1923	87.616
153	147	182	Terreno	0.0080	0.1887	0.1889	87.573
153	147	181	Acc-sx	-4.572E-05	0.0420	0.0420	90.062
153	147	189	Acc-sx	-4.572E-05	0.0418	0.0418	90.063
153	147	190	Acc-sx	1.861E-04	0.0418	0.0418	89.745
153	147	182	Acc-sx	1.861E-04	0.0420	0.0420	89.746
153	147	181	Acc-cx	0.0045	0.0140	0.0147	72.398
153	147	189	Acc-cx	0.0045	0.0168	0.0174	75.168
153	147	190	Acc-cx	0.0052	0.0168	0.0176	72.901
153	147	182	Acc-cx	0.0052	0.0140	0.0150	69.768
153	147	181	Acc-dx	-4.334E-04	0.0476	0.0476	90.522
153	147	189	Acc-dx	-4.334E-04	0.0477	0.0477	90.521
153	147	190	Acc-dx	-5.814E-04	0.0477	0.0477	90.699
153	147	182	Acc-dx	-5.814E-04	0.0476	0.0476	90.700
153	147	181	Sis-X	-9.994E-05	3.152E-04	3.306E-04	107.593
153	147	189	Sis-X	-9.994E-05	-5.772E-04	5.858E-04	-99.823
153	147	190	Sis-X	-0.0021	-5.772E-04	0.0022	-164.853
153	147	182	Sis-X	-0.0021	3.152E-04	0.0022	171.592
153	147	181	Sis-Y	2.328E-06	0.0093	0.0093	89.986
153	147	189	Sis-Y	2.328E-06	0.0092	0.0092	89.986
153	147	190	Sis-Y	6.049E-05	0.0092	0.0092	89.624
153	147	182	Sis-Y	6.049E-05	0.0093	0.0093	89.626
153	147	181	Sis-Z	9.952E-04	-2.543E-04	0.0010	-14.333
153	147	189	Sis-Z	9.952E-04	1.543E-04	0.0010	8.811
153	147	190	Sis-Z	0.0011	1.543E-04	0.0011	8.264
153	147	182	Sis-Z	0.0011	-2.543E-04	0.0011	-13.465
153	147	181	Urto	-0.0023	8.976E-04	0.0024	158.273
153	147	189	Urto	-0.0023	-0.0048	0.0053	-114.927
153	147	190	Urto	-0.0133	-0.0048	0.0141	-159.909
153	147	182	Urto	-0.0133	8.976E-04	0.0133	176.124
153	147	181	Acqua	5.722E-04	-0.0975	0.0975	-89.664
153	147	189	Acqua	5.722E-04	-0.0973	0.0973	-89.663
153	147	190	Acqua	9.639E-04	-0.0973	0.0973	-89.432
153	147	182	Acqua	9.639E-04	-0.0975	0.0975	-89.433
517	203	59	PP	0.0022	-0.3672	0.3672	-89.649
517	203	603	PP	0.0018	-0.3672	0.3672	-89.713
517	203	604	PP	0.0018	-0.3659	0.3659	-89.712
517	203	67	PP	0.0022	-0.3659	0.3659	-89.648
517	203	59	Terreno	0.0013	-0.4559	0.4559	-89.833
517	203	603	Terreno	0.0024	-0.4559	0.4559	-89.700
517	203	604	Terreno	0.0024	-0.4546	0.4546	-89.699
517	203	67	Terreno	0.0013	-0.4546	0.4546	-89.832
517	203	59	Acc-sx	-2.276E-04	0.0022	0.0022	95.943
517	203	603	Acc-sx	-1.597E-04	0.0022	0.0022	94.176
517	203	604	Acc-sx	-1.597E-04	0.0020	0.0020	94.655
517	203	67	Acc-sx	-2.276E-04	0.0020	0.0020	96.622
517	203	59	Acc-cx	0.0019	-0.2257	0.2257	-89.520
517	203	603	Acc-cx	0.0011	-0.2257	0.2257	-89.719
517	203	604	Acc-cx	0.0011	-0.2248	0.2248	-89.718
517	203	67	Acc-cx	0.0019	-0.2248	0.2248	-89.518
517	203	59	Acc-dx	1.651E-04	-0.0052	0.0052	-88.166
517	203	603	Acc-dx	-2.552E-05	-0.0052	0.0052	-90.284
517	203	604	Acc-dx	-2.552E-05	-0.0050	0.0050	-90.291
517	203	67	Acc-dx	1.651E-04	-0.0050	0.0050	-88.117

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
517	203	59	Sis-X	9.380E-04	0.0017	0.0019	60.992
517	203	603	Sis-X	-0.0015	0.0017	0.0022	130.830
517	203	604	Sis-X	-0.0015	4.370E-04	0.0015	163.356
517	203	67	Sis-X	9.380E-04	4.370E-04	0.0010	24.980
517	203	59	Sis-Y	-5.596E-05	2.248E-04	2.316E-04	103.979
517	203	603	Sis-Y	-3.644E-05	2.248E-04	2.277E-04	99.209
517	203	604	Sis-Y	-3.644E-05	1.702E-04	1.741E-04	102.085
517	203	67	Sis-Y	-5.596E-05	1.702E-04	1.792E-04	108.199
517	203	59	Sis-Z	3.435E-04	-0.0800	0.0800	-89.754
517	203	603	Sis-Z	4.507E-04	-0.0800	0.0800	-89.677
517	203	604	Sis-Z	4.507E-04	-0.0798	0.0798	-89.676
517	203	67	Sis-Z	3.435E-04	-0.0798	0.0798	-89.753
517	203	59	Urto	0.0029	0.0085	0.0090	71.110
517	203	603	Urto	-0.0068	0.0085	0.0109	128.769
517	203	604	Urto	-0.0068	0.0015	0.0070	167.307
517	203	67	Urto	0.0029	0.0015	0.0033	27.862
517	203	59	Acqua	3.266E-04	0.0582	0.0582	89.679
517	203	603	Acqua	8.746E-04	0.0582	0.0582	89.140
517	203	604	Acqua	8.746E-04	0.0587	0.0587	89.147
517	203	67	Acqua	3.266E-04	0.0587	0.0587	89.681
581	267	657	PP	0.0057	-6.387E-07	0.0057	-6.473E-03
581	267	672	PP	0.0057	-6.387E-07	0.0057	-6.473E-03
581	267	673	PP	0.0057	-4.912E-07	0.0057	-4.978E-03
581	267	658	PP	0.0057	-4.912E-07	0.0057	-4.978E-03
581	267	657	Terreno	0.0159	-1.543E-06	0.0159	-5.567E-03
581	267	672	Terreno	0.0159	-1.543E-06	0.0159	-5.567E-03
581	267	673	Terreno	0.0159	-1.156E-06	0.0159	-4.171E-03
581	267	658	Terreno	0.0159	-1.156E-06	0.0159	-4.171E-03
581	267	657	Acc-sx	0.0014	0.0634	0.0634	88.752
581	267	672	Acc-sx	-0.0026	0.0634	0.0635	92.385
581	267	673	Acc-sx	-0.0026	0.0602	0.0603	92.510
581	267	658	Acc-sx	0.0014	0.0602	0.0602	88.686
581	267	657	Acc-cx	0.0091	-1.129E-07	0.0091	-7.075E-04
581	267	672	Acc-cx	0.0091	-1.129E-07	0.0091	-7.075E-04
581	267	673	Acc-cx	0.0091	-8.761E-08	0.0091	-5.489E-04
581	267	658	Acc-cx	0.0091	-8.761E-08	0.0091	-5.489E-04
581	267	657	Acc-dx	-0.0026	-0.0634	0.0635	-92.390
581	267	672	Acc-dx	0.0014	-0.0634	0.0634	-88.757
581	267	673	Acc-dx	0.0014	-0.0602	0.0602	-88.692
581	267	658	Acc-dx	-0.0026	-0.0602	0.0603	-92.516
581	267	657	Sis-X	-6.382E-04	1.459E-07	6.382E-04	179.987
581	267	672	Sis-X	-6.381E-04	1.459E-07	6.381E-04	179.987
581	267	673	Sis-X	-6.381E-04	1.370E-07	6.381E-04	179.988
581	267	658	Sis-X	-6.382E-04	1.370E-07	6.382E-04	179.988
581	267	657	Sis-Y	3.661E-04	0.0152	0.0152	88.622
581	267	672	Sis-Y	-5.984E-04	0.0152	0.0152	92.251
581	267	673	Sis-Y	-5.984E-04	0.0145	0.0145	92.371
581	267	658	Sis-Y	3.661E-04	0.0145	0.0145	88.549
581	267	657	Sis-Z	0.0024	-2.572E-07	0.0024	-6.230E-03
581	267	672	Sis-Z	0.0024	-2.572E-07	0.0024	-6.230E-03
581	267	673	Sis-Z	0.0024	-1.944E-07	0.0024	-4.709E-03
581	267	658	Sis-Z	0.0024	-1.944E-07	0.0024	-4.709E-03
581	267	657	Urto	-0.0033	1.018E-06	0.0033	179.982
581	267	672	Urto	-0.0033	1.018E-06	0.0033	179.982
581	267	673	Urto	-0.0033	8.924E-07	0.0033	179.985

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
581	267	658	Urto	-0.0033	8.924E-07	0.0033	179.985
581	267	657	Acqua	-0.0198	-1.066E-06	0.0198	-179.997
581	267	672	Acqua	-0.0198	-1.066E-06	0.0198	-179.997
581	267	673	Acqua	-0.0198	-8.088E-07	0.0198	-179.998
581	267	658	Acqua	-0.0198	-8.088E-07	0.0198	-179.998
587	273	663	PP	0.0012	2.679E-06	0.0012	0.125
587	273	678	PP	0.0012	2.679E-06	0.0012	0.125
587	273	679	PP	0.0012	2.775E-06	0.0012	0.129
587	273	664	PP	0.0012	2.775E-06	0.0012	0.129
587	273	663	Terreno	0.0015	6.056E-06	0.0015	0.234
587	273	678	Terreno	0.0015	6.056E-06	0.0015	0.234
587	273	679	Terreno	0.0015	6.260E-06	0.0015	0.242
587	273	664	Terreno	0.0015	6.260E-06	0.0015	0.241
587	273	663	Acc-sx	-3.149E-05	0.0611	0.0611	90.030
587	273	678	Acc-sx	-1.172E-04	0.0611	0.0611	90.110
587	273	679	Acc-sx	-1.172E-04	0.0611	0.0611	90.110
587	273	664	Acc-sx	-3.149E-05	0.0611	0.0611	90.030
587	273	663	Acc-cx	8.820E-04	4.826E-07	8.820E-04	0.031
587	273	678	Acc-cx	8.820E-04	4.826E-07	8.820E-04	0.031
587	273	679	Acc-cx	8.820E-04	4.997E-07	8.820E-04	0.032
587	273	664	Acc-cx	8.820E-04	4.997E-07	8.820E-04	0.032
587	273	663	Acc-dx	-1.177E-04	-0.0611	0.0611	-90.110
587	273	678	Acc-dx	-3.194E-05	-0.0611	0.0611	-90.030
587	273	679	Acc-dx	-3.194E-05	-0.0611	0.0611	-90.030
587	273	664	Acc-dx	-1.177E-04	-0.0611	0.0611	-90.110
587	273	663	Sis-X	0.0014	-1.633E-07	0.0014	-6.465E-03
587	273	678	Sis-X	0.0014	-1.633E-07	0.0014	-6.466E-03
587	273	679	Sis-X	0.0014	-2.841E-07	0.0014	-0.011
587	273	664	Sis-X	0.0014	-2.841E-07	0.0014	-0.011
587	273	663	Sis-Y	-3.928E-06	0.0146	0.0146	90.015
587	273	678	Sis-Y	-2.432E-05	0.0146	0.0146	90.095
587	273	679	Sis-Y	-2.432E-05	0.0146	0.0146	90.095
587	273	664	Sis-Y	-3.928E-06	0.0146	0.0146	90.015
587	273	663	Sis-Z	2.935E-04	1.033E-06	2.935E-04	0.202
587	273	678	Sis-Z	2.934E-04	1.033E-06	2.934E-04	0.202
587	273	679	Sis-Z	2.934E-04	1.068E-06	2.934E-04	0.209
587	273	664	Sis-Z	2.935E-04	1.068E-06	2.935E-04	0.209
587	273	663	Urto	0.0075	-1.635E-06	0.0075	-0.013
587	273	678	Urto	0.0075	-1.635E-06	0.0075	-0.013
587	273	679	Urto	0.0075	-2.202E-06	0.0075	-0.017
587	273	664	Urto	0.0075	-2.202E-06	0.0075	-0.017
587	273	663	Acqua	5.081E-05	4.326E-06	5.099E-05	4.867
587	273	678	Acqua	5.036E-05	4.326E-06	5.055E-05	4.909
587	273	679	Acqua	5.036E-05	4.477E-06	5.056E-05	5.080
587	273	664	Acqua	5.081E-05	4.477E-06	5.100E-05	5.036
594	280	670	PP	-0.0057	-4.912E-07	0.0057	-179.995
594	280	685	PP	-0.0057	-4.912E-07	0.0057	-179.995
594	280	686	PP	-0.0057	-6.387E-07	0.0057	-179.994
594	280	671	PP	-0.0057	-6.387E-07	0.0057	-179.994
594	280	670	Terreno	-0.0159	-1.156E-06	0.0159	-179.996
594	280	685	Terreno	-0.0159	-1.156E-06	0.0159	-179.996
594	280	686	Terreno	-0.0159	-1.543E-06	0.0159	-179.994
594	280	671	Terreno	-0.0159	-1.543E-06	0.0159	-179.994
594	280	670	Acc-sx	-0.0014	0.0602	0.0602	91.314
594	280	685	Acc-sx	0.0026	0.0602	0.0603	87.490

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
594	280	686	Acc-sx	0.0026	0.0634	0.0635	87.615
594	280	671	Acc-sx	-0.0014	0.0634	0.0634	91.248
594	280	670	Acc-cx	-0.0091	-8.761E-08	0.0091	-179.999
594	280	685	Acc-cx	-0.0091	-8.761E-08	0.0091	-179.999
594	280	686	Acc-cx	-0.0091	-1.129E-07	0.0091	-179.999
594	280	671	Acc-cx	-0.0091	-1.129E-07	0.0091	-179.999
594	280	670	Acc-dx	0.0026	-0.0602	0.0603	-87.484
594	280	685	Acc-dx	-0.0014	-0.0602	0.0602	-91.308
594	280	686	Acc-dx	-0.0014	-0.0634	0.0634	-91.243
594	280	671	Acc-dx	0.0026	-0.0634	0.0635	-87.610
594	280	670	Sis-X	-6.336E-04	-5.134E-08	6.336E-04	-179.995
594	280	685	Sis-X	-6.335E-04	-5.134E-08	6.335E-04	-179.995
594	280	686	Sis-X	-6.335E-04	-3.140E-08	6.335E-04	-179.997
594	280	671	Sis-X	-6.336E-04	-3.140E-08	6.336E-04	-179.997
594	280	670	Sis-Y	-3.661E-04	0.0145	0.0145	91.451
594	280	685	Sis-Y	5.984E-04	0.0145	0.0145	87.629
594	280	686	Sis-Y	5.984E-04	0.0152	0.0152	87.749
594	280	671	Sis-Y	-3.661E-04	0.0152	0.0152	91.378
594	280	670	Sis-Z	-0.0024	-1.944E-07	0.0024	-179.995
594	280	685	Sis-Z	-0.0024	-1.944E-07	0.0024	-179.995
594	280	686	Sis-Z	-0.0024	-2.572E-07	0.0024	-179.994
594	280	671	Sis-Z	-0.0024	-2.572E-07	0.0024	-179.994
594	280	670	Urto	-0.0032	-1.540E-07	0.0032	-179.997
594	280	685	Urto	-0.0032	-1.540E-07	0.0032	-179.997
594	280	686	Urto	-0.0032	-3.082E-08	0.0032	-179.999
594	280	671	Urto	-0.0032	-3.082E-08	0.0032	-179.999
594	280	670	Acqua	0.0198	-8.088E-07	0.0198	-2.339E-03
594	280	685	Acqua	0.0198	-8.088E-07	0.0198	-2.339E-03
594	280	686	Acqua	0.0198	-1.066E-06	0.0198	-3.082E-03
594	280	671	Acqua	0.0198	-1.066E-06	0.0198	-3.082E-03
657	343	738	PP	0.0018	0.3672	0.3672	89.714
657	343	175	PP	0.0023	0.3672	0.3672	89.647
657	343	183	PP	0.0023	0.3660	0.3660	89.646
657	343	739	PP	0.0018	0.3660	0.3660	89.713
657	343	738	Terreno	0.0024	0.4560	0.4560	89.702
657	343	175	Terreno	0.0014	0.4560	0.4560	89.828
657	343	183	Terreno	0.0014	0.4547	0.4547	89.828
657	343	739	Terreno	0.0024	0.4547	0.4547	89.701
657	343	738	Acc-sx	-3.006E-05	0.0052	0.0052	90.334
657	343	175	Acc-sx	1.740E-04	0.0052	0.0052	88.066
657	343	183	Acc-sx	1.740E-04	0.0050	0.0050	88.014
657	343	739	Acc-sx	-3.006E-05	0.0050	0.0050	90.343
657	343	738	Acc-cx	0.0011	0.2257	0.2257	89.720
657	343	175	Acc-cx	0.0019	0.2257	0.2258	89.520
657	343	183	Acc-cx	0.0019	0.2248	0.2248	89.517
657	343	739	Acc-cx	0.0011	0.2248	0.2248	89.718
657	343	738	Acc-dx	-1.529E-04	-0.0022	0.0022	-93.993
657	343	175	Acc-dx	-2.404E-04	-0.0022	0.0022	-96.262
657	343	183	Acc-dx	-2.404E-04	-0.0020	0.0020	-96.981
657	343	739	Acc-dx	-1.529E-04	-0.0020	0.0020	-94.454
657	343	738	Sis-X	-0.0015	-0.0017	0.0023	-130.944
657	343	175	Sis-X	9.589E-04	-0.0017	0.0020	-60.717
657	343	183	Sis-X	9.589E-04	-4.528E-04	0.0011	-25.278
657	343	739	Sis-X	-0.0015	-4.528E-04	0.0016	-163.026
657	343	738	Sis-Y	-2.201E-07	7.902E-04	7.902E-04	90.016

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
657	343	175	Sis-Y	4.235E-05	7.902E-04	7.914E-04	86.932
657	343	183	Sis-Y	4.235E-05	7.549E-04	7.560E-04	86.789
657	343	739	Sis-Y	-2.201E-07	7.549E-04	7.549E-04	90.017
657	343	738	Sis-Z	4.473E-04	0.0800	0.0800	89.680
657	343	175	Sis-Z	3.493E-04	0.0800	0.0800	89.750
657	343	183	Sis-Z	3.493E-04	0.0798	0.0798	89.749
657	343	739	Sis-Z	4.473E-04	0.0798	0.0798	89.679
657	343	738	Urto	-0.0069	-0.0086	0.0110	-128.824
657	343	175	Urto	0.0030	-0.0086	0.0091	-70.813
657	343	183	Urto	0.0030	-0.0016	0.0034	-28.431
657	343	739	Urto	-0.0069	-0.0016	0.0071	-166.823
657	343	738	Acqua	8.609E-04	-0.0582	0.0582	-89.152
657	343	175	Acqua	3.507E-04	-0.0582	0.0582	-89.655
657	343	183	Acqua	3.507E-04	-0.0587	0.0587	-89.657
657	343	739	Acqua	8.609E-04	-0.0587	0.0587	-89.159
671	357	66	PP	0.0019	0.1510	0.1510	89.295
671	357	753	PP	0.0014	0.1510	0.1510	89.459
671	357	754	PP	0.0014	0.1532	0.1532	89.467
671	357	74	PP	0.0019	0.1532	0.1532	89.305
671	357	66	Terreno	0.0046	0.4940	0.4940	89.461
671	357	753	Terreno	0.0044	0.4940	0.4940	89.495
671	357	754	Terreno	0.0044	0.4998	0.4998	89.501
671	357	74	Terreno	0.0046	0.4998	0.4998	89.467
671	357	66	Acc-sx	-2.824E-04	0.0308	0.0308	90.526
671	357	753	Acc-sx	-4.293E-04	0.0308	0.0308	90.799
671	357	754	Acc-sx	-4.293E-04	0.0301	0.0301	90.816
671	357	74	Acc-sx	-2.824E-04	0.0301	0.0301	90.537
671	357	66	Acc-cx	0.0023	0.2199	0.2199	89.394
671	357	753	Acc-cx	0.0023	0.2199	0.2199	89.409
671	357	754	Acc-cx	0.0023	0.2243	0.2244	89.421
671	357	74	Acc-cx	0.0023	0.2243	0.2244	89.406
671	357	66	Acc-dx	-7.300E-05	-0.0264	0.0264	-90.158
671	357	753	Acc-dx	1.450E-04	-0.0264	0.0264	-89.686
671	357	754	Acc-dx	1.450E-04	-0.0262	0.0262	-89.683
671	357	74	Acc-dx	-7.300E-05	-0.0262	0.0262	-90.160
671	357	66	Sis-X	0.0013	-0.0012	0.0017	-42.151
671	357	753	Sis-X	-8.309E-04	-0.0012	0.0014	-125.719
671	357	754	Sis-X	-8.309E-04	-0.0013	0.0015	-123.128
671	357	74	Sis-X	0.0013	-0.0013	0.0018	-44.926
671	357	66	Sis-Y	-6.245E-05	0.0078	0.0078	90.458
671	357	753	Sis-Y	-1.023E-04	0.0078	0.0078	90.750
671	357	754	Sis-Y	-1.023E-04	0.0077	0.0077	90.765
671	357	74	Sis-Y	-6.245E-05	0.0077	0.0077	90.467
671	357	66	Sis-Z	7.133E-04	0.0620	0.0620	89.341
671	357	753	Sis-Z	5.978E-04	0.0620	0.0620	89.448
671	357	754	Sis-Z	5.978E-04	0.0628	0.0628	89.455
671	357	74	Sis-Z	7.133E-04	0.0628	0.0628	89.349
671	357	66	Urto	0.0058	-0.0109	0.0124	-62.144
671	357	753	Urto	-0.0052	-0.0109	0.0121	-115.647
671	357	754	Urto	-0.0052	-0.0135	0.0145	-111.275
671	357	74	Urto	0.0058	-0.0135	0.0147	-66.800
671	357	66	Acqua	1.643E-05	-0.0052	0.0052	-89.819
671	357	753	Acqua	5.530E-04	-0.0052	0.0052	-83.925
671	357	754	Acqua	5.530E-04	-0.0047	0.0048	-83.339
671	357	74	Acqua	1.643E-05	-0.0047	0.0047	-89.801

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
735	421	807	PP	-0.1124	-9.425E-07	0.1124	-180.000
735	421	822	PP	-0.1124	-9.425E-07	0.1124	-180.000
735	421	823	PP	-0.1124	3.198E-07	0.1124	180.000
735	421	808	PP	-0.1124	3.198E-07	0.1124	180.000
735	421	807	Terreno	-0.3264	-2.072E-06	0.3264	-180.000
735	421	822	Terreno	-0.3264	-2.072E-06	0.3264	-180.000
735	421	823	Terreno	-0.3264	6.989E-07	0.3264	180.000
735	421	808	Terreno	-0.3264	6.989E-07	0.3264	180.000
735	421	807	Acc-sx	0.0096	0.0032	0.0102	18.254
735	421	822	Acc-sx	0.0025	0.0032	0.0041	51.649
735	421	823	Acc-sx	0.0025	9.443E-04	0.0027	20.562
735	421	808	Acc-sx	0.0096	9.443E-04	0.0097	5.591
735	421	807	Acc-cx	-0.2111	-1.746E-07	0.2111	-180.000
735	421	822	Acc-cx	-0.2111	-1.746E-07	0.2111	-180.000
735	421	823	Acc-cx	-0.2111	5.965E-08	0.2111	180.000
735	421	808	Acc-cx	-0.2111	5.965E-08	0.2111	180.000
735	421	807	Acc-dx	0.0025	-0.0032	0.0040	-52.250
735	421	822	Acc-dx	0.0096	-0.0032	0.0101	-18.349
735	421	823	Acc-dx	0.0096	-9.443E-04	0.0096	-5.623
735	421	808	Acc-dx	0.0025	-9.443E-04	0.0026	-20.976
735	421	807	Sis-X	2.016E-04	6.234E-08	2.016E-04	0.018
735	421	822	Sis-X	2.016E-04	6.234E-08	2.016E-04	0.018
735	421	823	Sis-X	2.016E-04	-9.958E-08	2.016E-04	-0.028
735	421	808	Sis-X	2.016E-04	-9.958E-08	2.016E-04	-0.028
735	421	807	Sis-Y	0.0022	8.178E-04	0.0023	20.655
735	421	822	Sis-Y	3.312E-04	8.178E-04	8.823E-04	67.955
735	421	823	Sis-Y	3.312E-04	2.447E-04	4.117E-04	36.456
735	421	808	Sis-Y	0.0022	2.447E-04	0.0022	6.434
735	421	807	Sis-Z	-0.0428	-3.567E-07	0.0428	-180.000
735	421	822	Sis-Z	-0.0428	-3.567E-07	0.0428	-180.000
735	421	823	Sis-Z	-0.0428	1.205E-07	0.0428	180.000
735	421	808	Sis-Z	-0.0428	1.205E-07	0.0428	180.000
735	421	807	Urto	0.0016	5.830E-07	0.0016	0.021
735	421	822	Urto	0.0016	5.830E-07	0.0016	0.021
735	421	823	Urto	0.0016	-5.507E-07	0.0016	-0.020
735	421	808	Urto	0.0016	-5.507E-07	0.0016	-0.020
735	421	807	Acqua	-0.0164	-1.491E-06	0.0164	-179.995
735	421	822	Acqua	-0.0164	-1.491E-06	0.0164	-179.995
735	421	823	Acqua	-0.0164	5.032E-07	0.0164	179.998
735	421	808	Acqua	-0.0164	5.032E-07	0.0164	179.998
741	427	813	PP	-0.0024	1.882E-06	0.0024	179.956
741	427	828	PP	-0.0024	1.882E-06	0.0024	179.956
741	427	829	PP	-0.0024	1.907E-06	0.0024	179.955
741	427	814	PP	-0.0024	1.907E-06	0.0024	179.955
741	427	813	Terreno	-0.0068	4.228E-06	0.0068	179.964
741	427	828	Terreno	-0.0068	4.228E-06	0.0068	179.964
741	427	829	Terreno	-0.0068	4.286E-06	0.0068	179.964
741	427	814	Terreno	-0.0068	4.286E-06	0.0068	179.964
741	427	813	Acc-sx	1.039E-04	0.0241	0.0241	89.753
741	427	828	Acc-sx	3.047E-04	0.0241	0.0241	89.276
741	427	829	Acc-sx	3.047E-04	0.0246	0.0246	89.290
741	427	814	Acc-sx	1.039E-04	0.0246	0.0246	89.758
741	427	813	Acc-cx	-0.0070	3.405E-07	0.0070	179.997
741	427	828	Acc-cx	-0.0070	3.405E-07	0.0070	179.997
741	427	829	Acc-cx	-0.0070	3.449E-07	0.0070	179.997

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
741	427	814	Acc-cx	-0.0070	3.449E-07	0.0070	179.997
741	427	813	Acc-dx	3.027E-04	-0.0241	0.0241	-89.281
741	427	828	Acc-dx	1.019E-04	-0.0241	0.0241	-89.758
741	427	829	Acc-dx	1.019E-04	-0.0246	0.0246	-89.763
741	427	814	Acc-dx	3.027E-04	-0.0246	0.0246	-89.295
741	427	813	Sis-X	6.466E-04	-1.509E-07	6.466E-04	-0.013
741	427	828	Sis-X	6.466E-04	-1.509E-07	6.466E-04	-0.013
741	427	829	Sis-X	6.466E-04	-1.694E-07	6.466E-04	-0.015
741	427	814	Sis-X	6.466E-04	-1.694E-07	6.466E-04	-0.015
741	427	813	Sis-Y	1.645E-05	0.0062	0.0062	89.848
741	427	828	Sis-Y	6.834E-05	0.0062	0.0062	89.369
741	427	829	Sis-Y	6.834E-05	0.0063	0.0063	89.382
741	427	814	Sis-Y	1.645E-05	0.0063	0.0063	89.851
741	427	813	Sis-Z	-8.404E-04	7.225E-07	8.404E-04	179.951
741	427	828	Sis-Z	-8.405E-04	7.225E-07	8.405E-04	179.951
741	427	829	Sis-Z	-8.405E-04	7.323E-07	8.405E-04	179.950
741	427	814	Sis-Z	-8.404E-04	7.323E-07	8.404E-04	179.950
741	427	813	Urto	0.0068	-1.315E-06	0.0068	-0.011
741	427	828	Urto	0.0068	-1.315E-06	0.0068	-0.011
741	427	829	Urto	0.0068	-1.406E-06	0.0068	-0.012
741	427	814	Urto	0.0068	-1.406E-06	0.0068	-0.012
741	427	813	Acqua	-5.356E-04	3.026E-06	5.356E-04	179.676
741	427	828	Acqua	-5.359E-04	3.026E-06	5.359E-04	179.676
741	427	829	Acqua	-5.359E-04	3.068E-06	5.359E-04	179.672
741	427	814	Acqua	-5.356E-04	3.068E-06	5.356E-04	179.672
748	434	820	PP	0.1124	3.198E-07	0.1124	1.631E-04
748	434	835	PP	0.1124	3.198E-07	0.1124	1.631E-04
748	434	836	PP	0.1124	-9.425E-07	0.1124	-4.807E-04
748	434	821	PP	0.1124	-9.425E-07	0.1124	-4.807E-04
748	434	820	Terreno	0.3264	6.989E-07	0.3264	1.227E-04
748	434	835	Terreno	0.3264	6.989E-07	0.3264	1.227E-04
748	434	836	Terreno	0.3264	-2.072E-06	0.3264	-3.637E-04
748	434	821	Terreno	0.3264	-2.072E-06	0.3264	-3.637E-04
748	434	820	Acc-sx	-0.0096	9.443E-04	0.0097	174.409
748	434	835	Acc-sx	-0.0025	9.443E-04	0.0027	159.438
748	434	836	Acc-sx	-0.0025	0.0032	0.0041	128.351
748	434	821	Acc-sx	-0.0096	0.0032	0.0102	161.746
748	434	820	Acc-cx	0.2111	5.965E-08	0.2111	1.619E-05
748	434	835	Acc-cx	0.2111	5.965E-08	0.2111	1.619E-05
748	434	836	Acc-cx	0.2111	-1.746E-07	0.2111	-4.739E-05
748	434	821	Acc-cx	0.2111	-1.746E-07	0.2111	-4.739E-05
748	434	820	Acc-dx	-0.0025	-9.443E-04	0.0026	-159.024
748	434	835	Acc-dx	-0.0096	-9.443E-04	0.0096	-174.377
748	434	836	Acc-dx	-0.0096	-0.0032	0.0101	-161.651
748	434	821	Acc-dx	-0.0025	-0.0032	0.0040	-127.750
748	434	820	Sis-X	0.0053	4.821E-08	0.0053	5.227E-04
748	434	835	Sis-X	0.0053	4.821E-08	0.0053	5.227E-04
748	434	836	Sis-X	0.0053	9.017E-08	0.0053	9.777E-04
748	434	821	Sis-X	0.0053	9.017E-08	0.0053	9.777E-04
748	434	820	Sis-Y	-0.0022	2.447E-04	0.0022	173.566
748	434	835	Sis-Y	-3.312E-04	2.447E-04	4.117E-04	143.544
748	434	836	Sis-Y	-3.312E-04	8.178E-04	8.823E-04	112.045
748	434	821	Sis-Y	-0.0022	8.178E-04	0.0023	159.345
748	434	820	Sis-Z	0.0428	1.205E-07	0.0428	1.614E-04
748	434	835	Sis-Z	0.0428	1.205E-07	0.0428	1.614E-04

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
748	434	836	Sis-Z	0.0428	-3.567E-07	0.0428	-4.775E-04
748	434	821	Sis-Z	0.0428	-3.567E-07	0.0428	-4.775E-04
748	434	820	Urto	0.0522	1.088E-07	0.0522	1.195E-04
748	434	835	Urto	0.0522	1.088E-07	0.0522	1.195E-04
748	434	836	Urto	0.0522	7.292E-07	0.0522	8.011E-04
748	434	821	Urto	0.0522	7.292E-07	0.0522	8.011E-04
748	434	820	Acqua	0.0164	5.032E-07	0.0164	1.754E-03
748	434	835	Acqua	0.0164	5.032E-07	0.0164	1.754E-03
748	434	836	Acqua	0.0164	-1.491E-06	0.0164	-5.196E-03
748	434	821	Acqua	0.0164	-1.491E-06	0.0164	-5.196E-03
811	497	888	PP	0.0014	-0.1510	0.1510	-89.459
811	497	182	PP	0.0019	-0.1510	0.1510	-89.297
811	497	190	PP	0.0019	-0.1532	0.1532	-89.308
811	497	889	PP	0.0014	-0.1532	0.1532	-89.467
811	497	888	Terreno	0.0043	-0.4939	0.4939	-89.496
811	497	182	Terreno	0.0046	-0.4939	0.4939	-89.463
811	497	190	Terreno	0.0046	-0.4997	0.4998	-89.469
811	497	889	Terreno	0.0043	-0.4997	0.4998	-89.502
811	497	888	Acc-sx	1.444E-04	0.0264	0.0264	89.686
811	497	182	Acc-sx	-7.651E-05	0.0264	0.0264	90.166
811	497	190	Acc-sx	-7.651E-05	0.0261	0.0261	90.168
811	497	889	Acc-sx	1.444E-04	0.0261	0.0261	89.683
811	497	888	Acc-cx	0.0023	-0.2199	0.2199	-89.409
811	497	182	Acc-cx	0.0023	-0.2199	0.2199	-89.394
811	497	190	Acc-cx	0.0023	-0.2243	0.2244	-89.406
811	497	889	Acc-cx	0.0023	-0.2243	0.2244	-89.421
811	497	888	Acc-dx	-4.284E-04	-0.0308	0.0308	-90.798
811	497	182	Acc-dx	-2.771E-04	-0.0308	0.0308	-90.516
811	497	190	Acc-dx	-2.771E-04	-0.0301	0.0301	-90.527
811	497	889	Acc-dx	-4.284E-04	-0.0301	0.0301	-90.815
811	497	888	Sis-X	-8.310E-04	0.0012	0.0014	125.789
811	497	182	Sis-X	0.0013	0.0012	0.0017	42.149
811	497	190	Sis-X	0.0013	0.0013	0.0018	44.952
811	497	889	Sis-X	-8.310E-04	0.0013	0.0015	123.170
811	497	888	Sis-Y	4.493E-05	0.0069	0.0069	89.627
811	497	182	Sis-Y	-1.160E-05	0.0069	0.0069	90.096
811	497	190	Sis-Y	-1.160E-05	0.0068	0.0068	90.097
811	497	889	Sis-Y	4.493E-05	0.0068	0.0068	89.623
811	497	888	Sis-Z	5.973E-04	-0.0620	0.0620	-89.448
811	497	182	Sis-Z	7.106E-04	-0.0620	0.0620	-89.343
811	497	190	Sis-Z	7.106E-04	-0.0628	0.0628	-89.352
811	497	889	Sis-Z	5.973E-04	-0.0628	0.0628	-89.455
811	497	888	Urto	-0.0052	0.0109	0.0121	115.683
811	497	182	Urto	0.0058	0.0109	0.0123	62.143
811	497	190	Urto	0.0058	0.0135	0.0146	66.810
811	497	889	Urto	-0.0052	0.0135	0.0144	111.296
811	497	888	Acqua	5.509E-04	0.0052	0.0053	83.982
811	497	182	Acqua	5.248E-06	0.0052	0.0052	89.942
811	497	190	Acqua	5.248E-06	0.0048	0.0048	89.937
811	497	889	Acqua	5.509E-04	0.0048	0.0048	83.411
839	525	807	PP	1.222E-06	0.0286	0.0286	89.998
839	525	822	PP	1.222E-06	0.0286	0.0286	89.998
839	525	920	PP	-4.293E-07	0.0286	0.0286	90.001
839	525	916	PP	-4.293E-07	0.0286	0.0286	90.001
839	525	807	Terreno	2.618E-06	0.1208	0.1208	89.999

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
839	525	822	Terreno	2.618E-06	0.1208	0.1208	89.999
839	525	920	Terreno	-9.437E-07	0.1208	0.1208	90.000
839	525	916	Terreno	-9.437E-07	0.1208	0.1208	90.000
839	525	807	Acc-sx	-0.0068	-0.0033	0.0076	-154.034
839	525	822	Acc-sx	-0.0068	0.0010	0.0069	171.311
839	525	920	Acc-sx	-0.0037	0.0010	0.0039	164.229
839	525	916	Acc-sx	-0.0037	-0.0033	0.0050	-138.013
839	525	807	Acc-cx	2.323E-07	0.1381	0.1381	90.000
839	525	822	Acc-cx	2.323E-07	0.1381	0.1381	90.000
839	525	920	Acc-cx	-7.957E-08	0.1381	0.1381	90.000
839	525	916	Acc-cx	-7.957E-08	0.1381	0.1381	90.000
839	525	807	Acc-dx	0.0068	0.0011	0.0069	8.781
839	525	822	Acc-dx	0.0068	-0.0033	0.0076	-25.890
839	525	920	Acc-dx	0.0037	-0.0033	0.0050	-41.890
839	525	916	Acc-dx	0.0037	0.0011	0.0039	15.931
839	525	807	Sis-X	-2.334E-07	-9.720E-05	9.720E-05	-90.138
839	525	822	Sis-X	-2.334E-07	-9.716E-05	9.716E-05	-90.138
839	525	920	Sis-X	-2.482E-08	-9.716E-05	9.716E-05	-90.015
839	525	916	Sis-X	-2.482E-08	-9.720E-05	9.720E-05	-90.015
839	525	807	Sis-Y	-0.0018	-7.972E-04	0.0019	-155.603
839	525	822	Sis-Y	-0.0018	3.300E-04	0.0018	169.368
839	525	920	Sis-Y	-9.558E-04	3.300E-04	0.0010	160.954
839	525	916	Sis-Y	-9.558E-04	-7.972E-04	0.0012	-140.170
839	525	807	Sis-Z	4.545E-07	0.0106	0.0106	89.998
839	525	822	Sis-Z	4.545E-07	0.0106	0.0106	89.998
839	525	920	Sis-Z	-1.624E-07	0.0106	0.0106	90.001
839	525	916	Sis-Z	-1.624E-07	0.0106	0.0106	90.001
839	525	807	Urto	-1.429E-06	-0.0012	0.0012	-90.071
839	525	822	Urto	-1.429E-06	-0.0012	0.0012	-90.071
839	525	920	Urto	1.525E-08	-0.0012	0.0012	-89.999
839	525	916	Urto	1.525E-08	-0.0012	0.0012	-89.999
839	525	807	Acqua	1.894E-06	0.0031	0.0031	89.965
839	525	822	Acqua	1.894E-06	0.0031	0.0031	89.965
839	525	920	Acqua	-6.786E-07	0.0031	0.0031	90.013
839	525	916	Acqua	-6.786E-07	0.0031	0.0031	90.013
883	569	821	PP	-1.222E-06	-0.0286	0.0286	-90.002
883	569	836	PP	-1.222E-06	-0.0286	0.0286	-90.002
883	569	966	PP	4.293E-07	-0.0286	0.0286	-89.999
883	569	962	PP	4.293E-07	-0.0286	0.0286	-89.999
883	569	821	Terreno	-2.618E-06	-0.1208	0.1208	-90.001
883	569	836	Terreno	-2.618E-06	-0.1208	0.1208	-90.001
883	569	966	Terreno	9.437E-07	-0.1208	0.1208	-90.000
883	569	962	Terreno	9.437E-07	-0.1208	0.1208	-90.000
883	569	821	Acc-sx	0.0068	0.0033	0.0076	25.966
883	569	836	Acc-sx	0.0068	-0.0010	0.0069	-8.689
883	569	966	Acc-sx	0.0037	-0.0010	0.0039	-15.771
883	569	962	Acc-sx	0.0037	0.0033	0.0050	41.987
883	569	821	Acc-cx	-2.323E-07	-0.1381	0.1381	-90.000
883	569	836	Acc-cx	-2.323E-07	-0.1381	0.1381	-90.000
883	569	966	Acc-cx	7.957E-08	-0.1381	0.1381	-90.000
883	569	962	Acc-cx	7.957E-08	-0.1381	0.1381	-90.000
883	569	821	Acc-dx	-0.0068	-0.0011	0.0069	-171.219
883	569	836	Acc-dx	-0.0068	0.0033	0.0076	154.110
883	569	966	Acc-dx	-0.0037	0.0033	0.0050	138.110
883	569	962	Acc-dx	-0.0037	-0.0011	0.0039	-164.069

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
Text	Text	Text	Text	Kip/in	Kip/in	Kip/in	Degrees
883	569	821	Sis-X	-4.173E-08	-0.0103	0.0103	-90.000
883	569	836	Sis-X	-4.173E-08	-0.0103	0.0103	-90.000
883	569	966	Sis-X	-9.427E-08	-0.0103	0.0103	-90.001
883	569	962	Sis-X	-9.427E-08	-0.0103	0.0103	-90.001
883	569	821	Sis-Y	0.0018	7.972E-04	0.0019	24.397
883	569	836	Sis-Y	0.0018	-3.300E-04	0.0018	-10.632
883	569	966	Sis-Y	9.558E-04	-3.300E-04	0.0010	-19.046
883	569	962	Sis-Y	9.558E-04	7.972E-04	0.0012	39.830
883	569	821	Sis-Z	-4.545E-07	-0.0106	0.0106	-90.002
883	569	836	Sis-Z	-4.545E-07	-0.0106	0.0106	-90.002
883	569	966	Sis-Z	1.624E-07	-0.0106	0.0106	-89.999
883	569	962	Sis-Z	1.624E-07	-0.0106	0.0106	-89.999
883	569	821	Urto	2.189E-07	-0.0377	0.0377	-90.000
883	569	836	Urto	2.189E-07	-0.0377	0.0377	-90.000
883	569	966	Urto	-5.823E-07	-0.0377	0.0377	-90.001
883	569	962	Urto	-5.823E-07	-0.0377	0.0377	-90.001
883	569	821	Acqua	-1.894E-06	-0.0031	0.0031	-90.035
883	569	836	Acqua	-1.894E-06	-0.0031	0.0031	-90.035
883	569	966	Acqua	6.786E-07	-0.0031	0.0031	-89.987
883	569	962	Acqua	6.786E-07	-0.0031	0.0031	-89.987