Autostrada Asti-Cuneo

PROVINCIA DI ASTI

REGIONE PIEMONTE

PROVINCIA DI CUNEO

COLLEGAMENTO AUTOSTRADALE ASTI - CUNEO

TRONCO II A21 (ASTI EST) - A6 (MARENE)

LOTTO 6 RODDI - DIGA ENEL

PROGETTO ESECUTIVO
OPERE D'ARTE IN SEDE

GALLERIA DI VERDUNO
GALLERIA ARTIFICIALE E IMBOCCO LATO ALBA
RELAZIONE DI CALCOLO GALLERIA ARTIFICIALE

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CONCESSIONARIA:
AUTOSTRADA ASTI-CUNEO

INDICE

1. INTRODUZIONE

Oggetto della presente relazione è il dimensionamento della galleria artificiale Verduno dell'imbocco "lato Alba", facente parte del collegamento "Asti –Cuneo" tra le autostrade A6 ed A21, Tronco II "Asti Est – Marene", lotto 6 "Roddi – Diga Enel".

Affinchè possa essere realizzata la galleria in oggetto dovranno essere eseguite delle opere di contenimento degli scavi, per le quali si rimanda alla apposita relazione tecnica e di calcolo.

Per le verifiche si farà riferimento alle Norme Tecniche per le Costruzioni del 14-01-2008 e per la valutazione della pericolosità sismica si considererà il reticolo di punti con accelerazione del terreno nota definito nella norma citata, sia per lo Stato Limite Ultimo (sisma SLV) sia per lo Stato Limite di Esercizio (sisma SLD).

Per le gallerie artificiali l'azione sismica dovuta al terreno è stata valutata con il metodo di Wood per strutture rigide.

2. NORMATIVA DI RIFERIMENTO

Le verifiche statiche degli interventi, la redazione della presente relazione e degli elaborati tecnici allegati sono state effettuate nel rispetto della Normativa in vigore e di alcune Raccomandazioni.

I principali riferimenti normativi sono i seguenti:

- Norme Tecniche per le Costruzioni del D.M. 14/01/2008.
- Circolare esplicativa n° 617 del 02/02/2009: “Istruzioni per l’applicazione delle Nuove Norme Tecniche per le Costruzioni”.
- Legge n° 1086 del 05/11/1971: Norme per la disciplina delle opere in conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- EN 1992-1-1: Eurocodice 2. Progettazione delle strutture di calcestruzzo. Parte 1-1: Regole generali e regole per gli edifici.
- EN 1997-1: Eurocodice 7. Progettazione geotecnica. Parte 1: Regole generali.
- EN 1998-5: Eurocodice 8. Progettazione delle strutture per la resistenza sismica. Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

3. SOFTWARE UTILIZZATO

Nella presente relazione si fa uso del seguente codice di calcolo :

SAP2000, versione 16: Programma per l'analisi con elementi finiti di trave, di piastra e solidi, Computers and Structures, Inc. (CSI).

4. CARATTERIZZAZIONE SISMICA

La vita nominale dell'opera è stata assunta pari a 100 anni. Tale valore è indicato nel D.M. 2008 per opere infrastrutturali di importanza strategica.

	TIPI DI COSTRUZIONE	Vita Nominale V_N (in anni)
1	Opere provvisorie – Opere provvisionali - Strutture in fase costruttiva[1]	≤ 10
2	Opere ordinarie, ponti, opere infrastrutturali e dighe di dimensioni contenute o di importanza normale	≥ 50
3	Grandi opere, ponti, opere infrastrutturali e dighe di grandi dimensioni o di importanza strategica	≥ 100

Tabella 1 – Vita nominale (D.M.2008 – Tabella 2.4.I)

Per il calcolo dell'azione sismica è necessario introdurre la vita di riferimento della struttura data dal prodotto tra la vita nominale e la classe d'uso. Quest'ultima tiene conto degli effetti dovuti ad un'interruzione di operatività o al collasso della costruzione e per l'opera in esame vale 2.0.

$$V_R = V_N \cdot C_U = 100 \text{ anni} \cdot 2 = 200 \text{ anni}$$

CLASSE D'USO	I	II	III	IV
COEFFICIENTE C_U	0,7	1,0	1,5	2,0

Tabella 2 – Coefficiente d'uso (D.M.2008 – Tabella 2.4.II)

Ai fini della valutazione dell'azione sismica è necessario stabilire la "pericolosità sismica" dell'area, cosa che la norma permette di fare una volta conosciute le coordinate geografiche del sito.

Alba ha le seguenti coordinate geografiche:

Latitudine: 44°42' N corrispondente a 44.70° N

Longitudine: 8°02' E corrispondente a 8.03° E

Nota inoltre la vita di riferimento della costruzione (definita al paragrafo 4) è possibile risalire alla pericolosità sismica dell'area per ogni stato limite desiderato tramite i seguenti parametri:

a_g accelerazione orizzontale massima sul suolo di riferimento;

F_0 fattore di amplificazioned ello spettro delle accelerazioni;

T_c^* periodo di inizio tratto a velocità costante dello spettro delle accelerazioni.

Nella tabella sotto si riportano tali paramentri per lo Stato Limite di Danno e per lo Stato Limite di salvaguardia della Vita.

STATO LIMITE	T_R [ANNI]	a_g [g]	F_O [-]	T_C* [s]
SLD	201	0.038	2.663	0.253
SLV	1898	0.064	2.893	0.318

Per calcolare l'azione sismica è necessario classificare la tipologia di sottosuolo e la categoria topografica del sito.

Dai dati geotecnici a disposizione è possibile classificare il suolo in sito di classe C: Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di $V_{s,30}$ compresi fra 180 m/s e 360 m/s (ovvero $15 < N_{SPT,30} < 50$ nei terreni a grana grossa e $70 < c_{u,30} < 250$ kPa nei terreni a grana fina). (D.M.08-Tabella 3.2.II).

La categoria topografica considerata è la T2 : Pendii con inclinazione media i>15° (D.M.08-Tabella 3.2.IV).

Avendo a che fare con un'opera interrata la spinta sismica è stata valutata con la formulazione di Wood. Pertanto è stato necessario valutare il coeffciente sismico orizzontale.

SISMA SLV			
ag	0.064	g	Accelerazione orizzontale del terreno
F_o	2.893	-	Valore massimo del fattore di amplif. dello spettro in acceler. orizz.
Cat. Suolo	C	-	Categoria del sottosuolo
Cat. Topogr.	T2	-	Coefficiente di amplificazione topografica
S_S	1.50	-	Coefficiente legato alla stratigrafia del suolo
S_T	1.20	-	Coefficiente legato alla topografia del sito
S	1.80	-	Coeff. che comprende effetto amplif. stratigr.(S_S) e amplif. topogr.(S_T)

β_m	0.18	-	Coefficiente di riduzione dell'accelerazione massima attesa al sito
a_{max}	0.115	g	Accelerazione orizzontale massima attesa al sito
Kh	0.021	-	Coefficiente sismico orizzontale

SISMA SLD			
a_g	0.038	g	Accelerazione orizzontale del terreno
F_o	2.663	-	Valore massimo del fattore di amplif. dello spettro in acceler. orizz.
Cat. Suolo	C	-	Categoria del sottosuolo
Cat. Topogr.	T2	-	Coefficiente di amplificazione topografica
S_S	1.50	-	Coefficiente legato alla stratigrafia del suolo
S_T	1.20	-	Coefficiente legato alla topografia del sito
S	1.80	-	Coeff. che comprende effetto amplif. stratigr.(S_S) e amplif. topogr.(S_T)
β_m	0.18	-	Coefficiente di riduzione dell'accelerazione massima attesa al sito
a_{max}	0.068	g	Accelerazione orizzontale massima attesa al sito
k_h	0.012	-	Coefficiente sismico orizzontale

5. CARATTERIZZAZIONE GEOTECNICA

Dall'esame della documentazione a disposizione nell'area interessata dall'opera sono state individuate le seguenti successioni stratigrafiche:

- accumuli di frana costituiti da limi argillosi, limi sabbiosi ed argille limose (la cosiddetta "Unità 4");
- limo argilla da molto ad estremamente consistente passante ad argilla marnosa semi – litoide ("Unità 7").

Le caratteristiche meccaniche (resistenza al taglio e deformabilità) sono state assunte sulla base dei dati disponibili in tutti gli elaborati geologici, geotecnici e geomeccanici disponibili nella documentazione a disposizione.
In basso si riportano la stratigrafia media del sito e le proprietà meccaniche dei materiali.

da 0 m a –10 m: "Unità 4a",
da – 10 m a – 20.5 m: "Unità 4b",
oltre –20.5 m: "Unità 7".

		Unità 4a	***Unità 4b***	***Unità 7***
Peso di volume	*[kN/m^3]*	19	19	21
Coesione	*[KPa]*	0	0	80
Angolo di attrito	*[°]*	24	28	25
Modulo di rigidezza in condizioni vergini	*[MPa]*	15	15	120
Modulo di rigidezza in condizioni di scarico – ricarico	*[MPa]*	22.5	22.5	180

Tabella 3 – Caratteristiche meccaniche terreno in sito

Infine si riportano le caratteristiche meccaniche del terreno che verrà utilizzato per ritombare la galleria artificiale:

		Terreno di ritombamento
Peso di volume	*[kN/m^3]*	20
Coesione	*[KPa]*	0
Angolo di attrito	*[°]*	30
Modulo di Poisson	*[MPa]*	0.3

Tabella 4 – Caratteristiche meccaniche terreno di ritombamento

La rigidezza delle molle è calcolata secondo le formulazioni seguenti:

1. Per superfici rettilinee (piedritto):

Formula di Bowles:

$$K = \frac{E_t}{B \cdot (1-\upsilon^2) \cdot I_w} \qquad [F/L^3]$$

dove:

E_t modulo elastico del terreno

υ coefficiente di Poisson

I_w coefficiente di forma

B semialtezza del piedritto o larghezza sollecitata della muretta

2. Per superfici curve (arco rovescio):

Formula di Galerkin:

$$K = \frac{E}{R_{eq} \cdot (1+\upsilon)} \qquad [F/L^3]$$

dove:

E modulo elastico del terreno

υ coefficiente di Poisson

R_{eq} raggio di curvatura equivalente del terreno

Risulta quindi:

Molle arco rovescio

Con ν = 0.3 e Req = 9 m,E = 15 MPa si ha:

$$K = \frac{E}{R_{eq} \cdot (1+\upsilon)} \approx 1250 \text{ [kN/m}^3\text{]}$$

Molle piedritto

Con ν = 0.3 ,B = 9 m altezza dei piedritti, I_w = 1.7, e E_t = 15 MPa

$$K = \frac{E_t}{B \cdot (1-\upsilon^2) \cdot I_w} \approx 1000 \text{ [kN/m}^3\text{]}$$

Per tenere conto del contributo irrigidente della muretta, si considera ai fini del calcolo, sotto i piedritti una maggiore rigidezza delle molle rispetto alle restanti dell'arco rovescio.

6. MATERIALI IMPIEGATI

Per la realizzazione della galleria artificiale si adopereranno i seguenti materiali:

CALCESTRUZZO PER RIVESTIMENTO DEFINITIVO:

R_{ck}	=	40	MPa	*Valore caratteristico resistenza cubica*
f_{ck}	=	33.2	MPa	*Valore caratteristico resistenza cilindrica*
v	=	0.2		*Coefficiente di Poisson*
E_{cm}	=	33643	MPa	*Modulo elastico*
γ_c	=	1.5		*Coefficiente parziale di sicurezza*
f_{cd}	=	18.81	MPa	*Resistenza di calcolo a compressione*
f_{ctd}	=	1.45	MPa	*Resistenza di calcolo a trazione*

classe di esposizione: *XF3*

CALCESTRUZZO PER SELLA DI APPOGGIO FRESA:

R_{ck}	=	40	MPa	*Valore caratteristico resistenza cubica*
f_{ck}	=	33.2	MPa	*Valore caratteristico resistenza cilindrica*
v	=	0.2		*Coefficiente di Poisson*
E_{cm}	=	33643	MPa	*Modulo elastico*
γ_c	=	1.5		*Coefficiente parziale di sicurezza*
f_{cd}	=	18.81	MPa	*Resistenza di calcolo a compressione*
f_{ctd}	=	1.45	MPa	*Resistenza di calcolo a trazione*

classe di esposizione: *XF3*

ACCIAIO PER BARRE DI ARMATURA:

classe acciaio:	*B450C*
tensione di snervamento f_{yk}:	*450 N/mm^2*
tensione di rottura f_{tk}:	*540 N/mm^2*
resistenza di progetto f_{yd}:	*391.3 N/mm^2*

7. MODELLO DI CALCOLO

La sezione presa in analisi è la sezione che si trova in corrispondenza dell'inizio della dima.

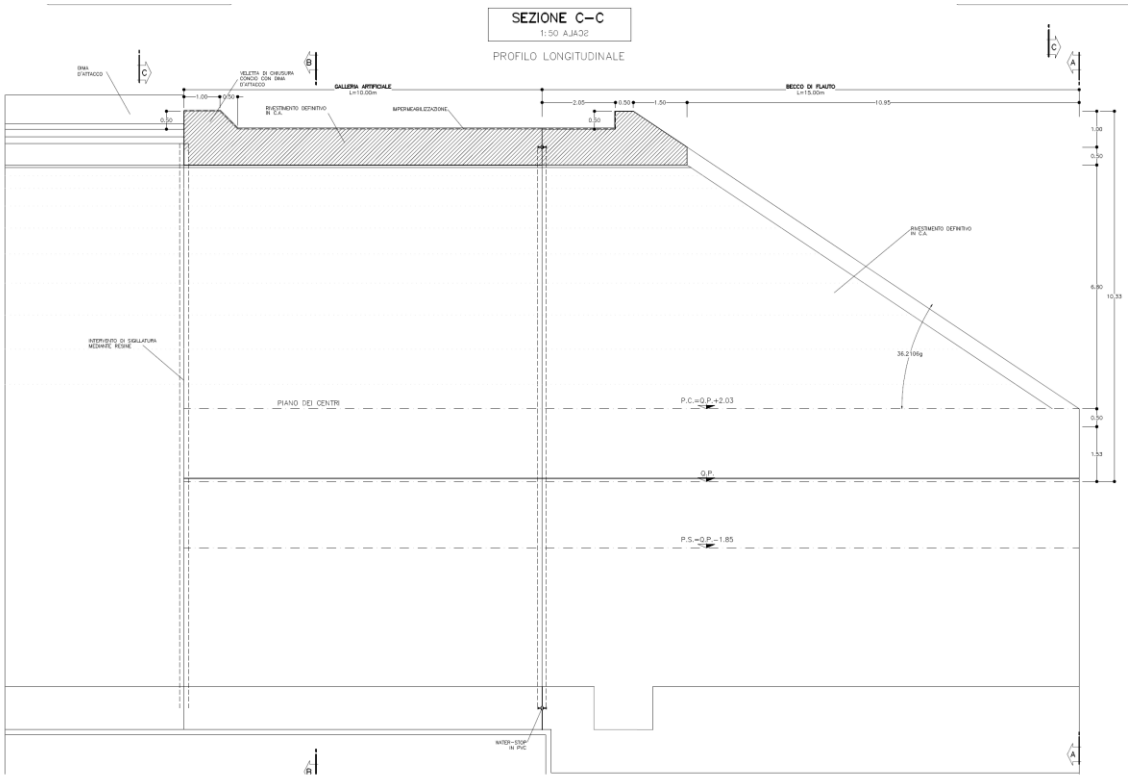


Figura 1:- Profilo longitudinale galleria artificiale.

Le analisi sono state condotte considerando un modello bidimensionale avente lunghezza unitaria di (1m) fuori piano.
Nella pagina a fianco viene presentata la carpenteria della sezione analizzata.

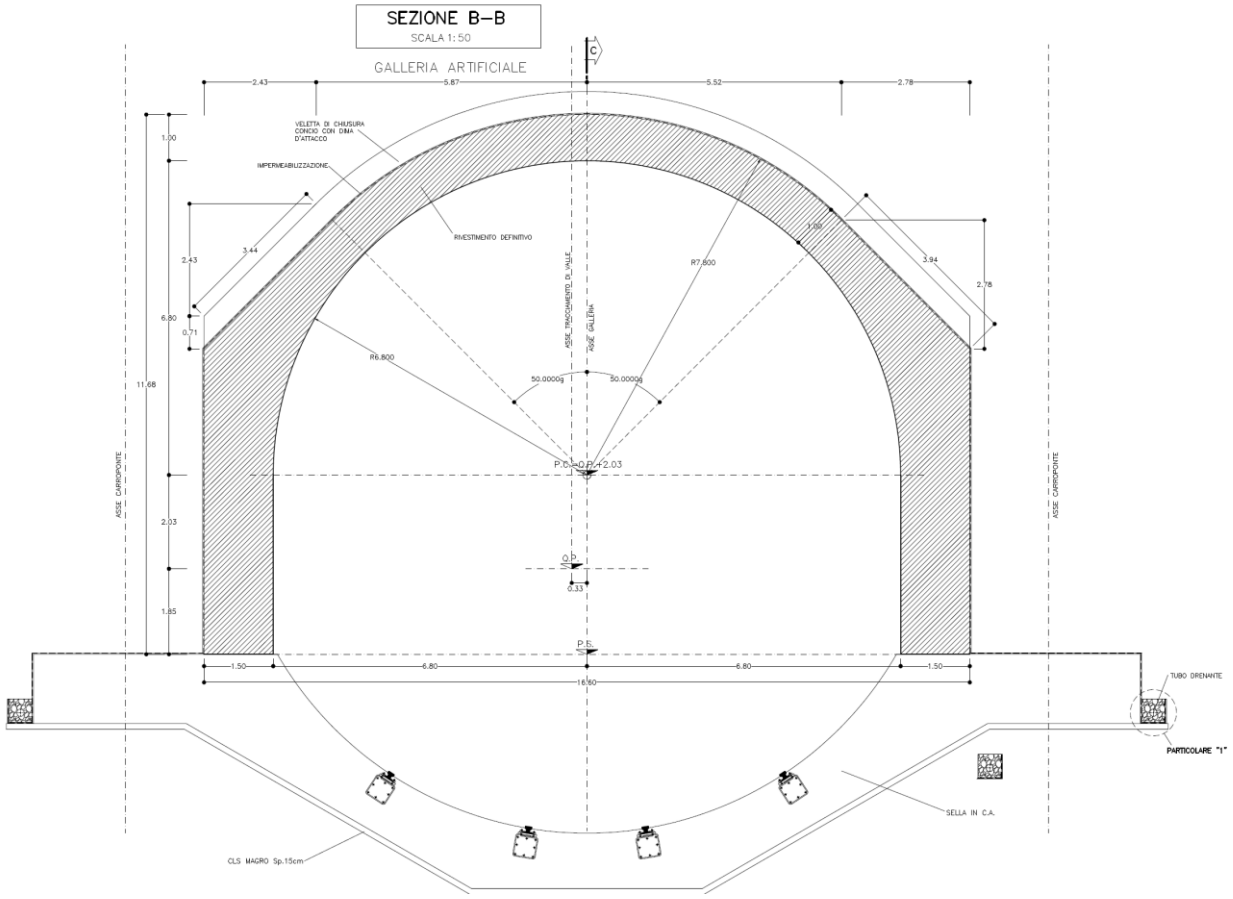


Figura 2:-Carpenteria sezione oggetto di analisi.

7.1. MODELLO DI CALCOLO

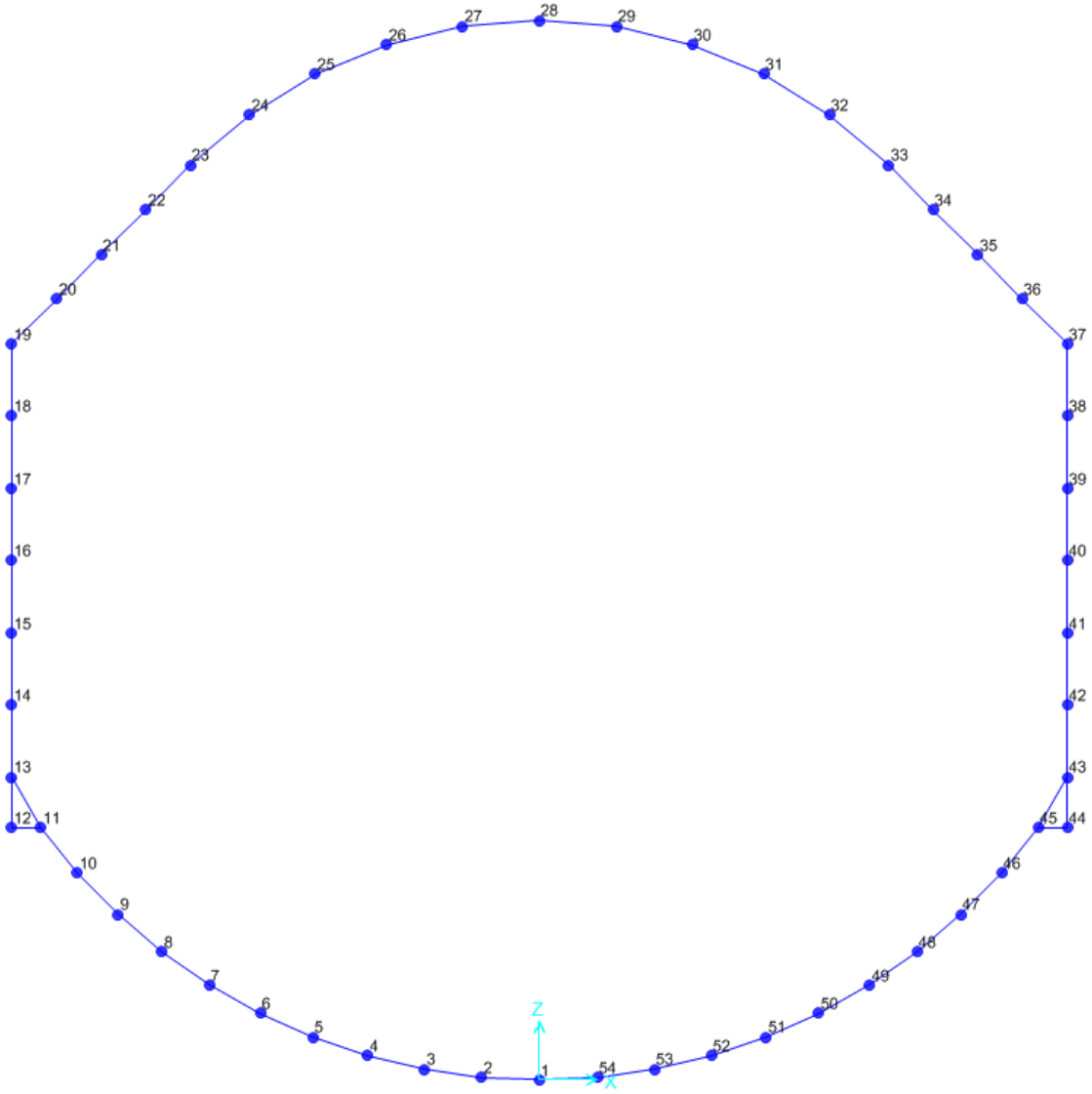


Figura 3: Modello di calcolo: numerazione nodi

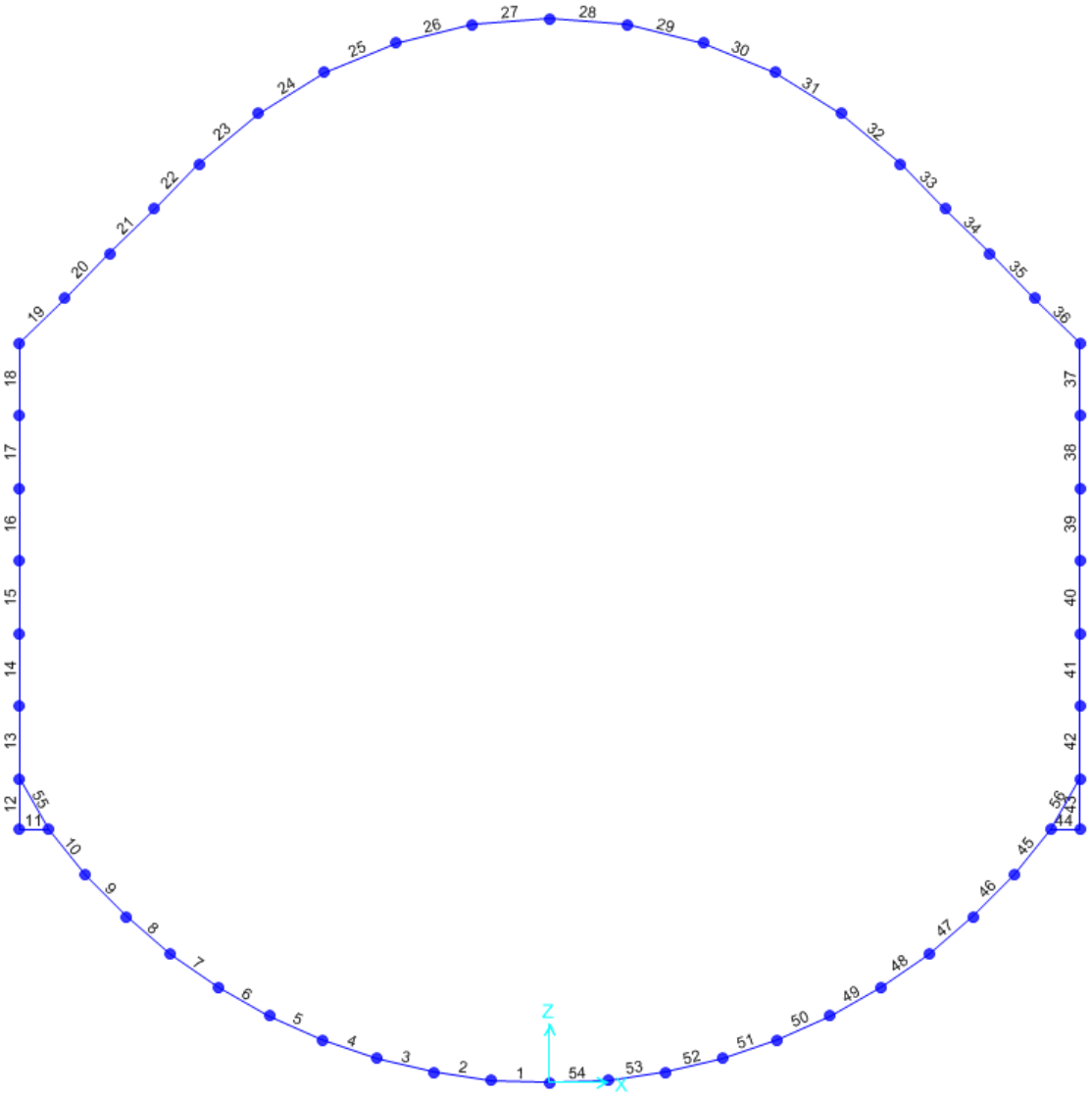


Figura 4: Modello di calcolo: numerazione elementi

7.2. ANALISI DEI CARICHI

Il livello della copertura analizzata è costante sopra la galleria artificiale, pertanto l'azione del sisma verrà considerata solo da sinistra verso destra.

7.2.1. Peso proprio

Il peso proprio è tenuto in conto automaticamente dal programma di calcolo, considerando un peso specifico del calcestruzzo armato pari a 25 kN/mc.

Tale condizione di carico è denominata “DEAD” all’interno del programma di calcolo.

7.2.2. Peso del terreno di ricoprimento

Il carico verticale dovuto alla presenza del terreno di ritombamento viene calcolato a partire dalla massima copertura in chiave calotta che è pari a 4 m.

$P_v = \gamma_r \times h \times b$

Con:

$\gamma_r = 20$ kN/m^3	peso di volume del terreno di ritombamento
h = 4 m	massima copertura in chiave calotta
b = 1 m	larghezza sezione considerata

Tale condizione di carico è denominata “Ricoprimento” all’interno del programma di calcolo.

7.2.3. Spinta orizzontale del terreno (coefficiente di spinta attiva)

La spinta attiva orizzontale del terreno variabile con la profondità è calcolata secondo la formula:

$P_h = k_a \times \gamma_r \times z \times b$

Con:

$k_a = (1 - \text{sen}\ \varphi)/ (1 + \text{sen}\ \varphi) = 0.333$	coefficiente spinta attiva
$\gamma_r = 20$ [kN/m^3]	peso di volume del terreno di ritombamento
b = 1 [m]	larghezza sezione analizzata

Tale condizione di carico è stata denominata “Spinta Ka SX” e “Spinta Ka DX” all’interno del programma di calcolo.

7.2.4. Spinta orizzontale del terreno (coefficiente di spinta a riposo)

La spinta a riposo orizzontale del terreno, variabile con la profondità è calcolata secondo la formula:

$P_h = k_0 \times \gamma_r \times z \times b$

Con:

$k_a = (1 - \text{sen}\ \varphi) = 0.5$ coefficiente spinta attiva

$\gamma_r = 20$ [kN/m^3] peso di volume del terreno di ritombamento

b = 1 [m] larghezza sezione analizzata

Tale condizione di carico è stata denominata “Spinta K0 SX” e “Spinta K0 DX” all’interno del programma di calcolo.

7.2.5. Pressioni idrostatiche

La sistemazione di ritombamento delle galleria artificiali prevede la posa di tubi drenanti al piede in corrispondenza della base del piedritto delle gallerie. Pertanto, considerate anche le caratteristiche del materiale di ritombamento, è presumibile che non si instauri un livello di falda a ridosso delle gallerie. Si è comunque tenuto conto, in una specifica combinazione di carico, di una eventuale pressione idrostatica corrispondente ad un livello di falda posto a circa 4-6 m da piano campagna, ovvero in linea con le misurazioni ante-operam.

Tale condizione di carico è stata denominata “Falda” all’interno del programma di calcolo.

7.2.6. Sovraccarico accidentale

È stato considerato un sovraccarico superficiale pari a 10 kN/mq per l’eventuale presenza di mezzi di lavoro.

Esso è associato a un carico verticale e alle pressioni indotte nel terreno sulle strutture verticali con i coefficienti di spinta attiva e a riposo.

Tali condizioni di carico sono denominate:

“Q”

“Q Spinta Ka SX”, “Q Spinta Ka DX”

“Q Spinta K0 SX”, “Q Spinta K0 DX”

7.2.7. Azione sismica SLV

Il carico sismico viene calcolato con riferimento alle linee guida dell’ordinanza del 20 marzo 2003 n. 3274 e viene calcolato con la seguente espressione:

$\Delta P = (a_g / g)\ S\ \gamma_r\ H$

Con:

a_g accelerazione massima di progetto attesa sul sito (calcolata in precedenza) $a_{max} = 0.115$ g

$\gamma_r = 20$ kN/m^3 peso di volume del terreno considerato

H = 19.65 m profondità della struttura interrata

$\Delta P = (a_g / g)\ S\ \gamma_r\ H = 45.3$ kN/m

Ai fini del calcolo si considera 50 kN/m.

Tale condizione di carico viene denominata “WOOD SX SLV”, all’interno del programma di calcolo.

7.2.8. Forze d’inerzia in caso sismico SLV

Le forze d’inerzia agenti sulla struttura in caso sismico sono determinate automaticamente dal programma di calcolo considerando un’accelreazione orizzontale massima pari a 0.115 g.

Tale condizione di carico è denominata “Inerzia_+x” all’interno del programma di calcolo.

Le forze d’inerzia verticali sono valutate automaticamente dal programma di calcolo considerando un’accelerazione verticale pari a 0.115 g / 2 = 0.0575 g.

Tale condizione di carico è denominata e "Inerzia_-z" all'interno del programma di calcolo.

7.2.9. Azione sismica SLD

Il carico sismico viene calcolato con riferimento alle linee guida dell'ordinanza del 20 marzo 2003 n. 3274 e viene calcolato con la seguente espressione:

$\Delta P = (a_g / g)\ S\ \gamma_r\ H$

Con:

a_g accelerazione massima di progetto attesa sul sito (calcolata in precedenza) a_{max} = 0.0.068 g

γ_r = 20 kN/m^3 peso di volume del terreno considerato

H = 19.65 m profondità della struttura interrata

$\Delta P = (a_g / g)\ S\ \gamma_r\ H$ = 26.9 kN/m

Ai fini del calcolo si considera 30 kN/m.

Tale condizione di carico viene denominata "WOOD SX SLD", all'interno del programma di calcolo.

7.2.10. Forze d'inerzia in caso sismico_SLD

Le forze d'inerzia agenti sulla struttura in caso sismico sono determinate automaticamente dal programma di calcolo considerando un'accelreazione orizzontale massima pari a 0.068 g.

Tale condizione di carico è denominata "Inerzia_+X SLD" all'interno del programma di calcolo.

Le forze d'inerzia verticali sono valutate automaticamente dal programma di calcolo considerando un'accelerazione verticale pari a 0.068 g / 2 = 0.034 g.

Tale condizione di carico è denominata "Inerzia_+Z SLD" all'interno del programma di calcolo.

8. COMBINAZIONI DI CARICO

Con riferimento alle condizioni di carico esplicitate in precedenza, si riportano le combinazioni di carico considerate nell'analisi.

8.1. SENZA FALDA

	SLU-1	SLU-2	SLU-3	SLU-4	SLU-5	SLU-6	SLU-7	SLU-8	SLU-9	SLU-10	SLU-11	SLU-12	SLU-13	SLU-14
DEAD	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Spinta Ka DX	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0	0	0	0	0	0	0
Spinta Ka SX	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0	0	0	0	0	0	0
Spinta K0 DX	0	0	0	0	0	0	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Spinta K0 SX	0	0	0	0	0	0	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Ricoprimento	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Q	0	1.5	1.5	1.5	1.5	0	0	0	1.5	1.5	1.5	1.5	0	0
Q Spinta Ka DX	0	1.5	1.5	0	0	1.5	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	1.5	0	1.5	0	0	1.5	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	1.5	1.5	0	0	1.5	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	1.5	0	1.5	0	0	1.5
WOOD SX SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	RARA-1	RARA-2	RARA-3	RARA-4	RARA-5	RARA-6	RARA-7	RARA-8	RARA-9	RARA-10	RARA-11	RARA-12	RARA-13	RARA-14
DEAD	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Spinta Ka DX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta Ka SX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta K0 DX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Spinta K0 SX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Ricoprimento	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q	0	0.75	0.75	0.75	0.75	0	0	0	0.75	0.75	0.75	0.75	0	0
Q Spinta Ka DX	0	0.75	0.75	0	0	0.75	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	0.75	0	0.75	0	0	0.75	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0.75	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	0.75	0	0.75	0	0	0.75
WOOD SX SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	FREQ-1	FREQ-2	FREQ-3	FREQ-4	FREQ-5	FREQ-6	FREQ-7	FREQ-8	FREQ-9	FREQ-10	FREQ-11	FREQ-12	FREQ-13	FREQ-14
DEAD	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Spinta Ka DX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta Ka SX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta K0 DX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Spinta K0 SX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Ricoprimento	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q	0	0.75	0.75	0.75	0.75	0	0	0	0.75	0.75	0.75	0.75	0	0
Q Spinta Ka DX	0	0.75	0.75	0	0	0.75	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	0.75	0	0.75	0	0	0.75	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0.75	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	0.75	0	0.75	0	0	0.75
WOOD SX SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	QP-1	QP-2	SISMA SLV-1	SISMA SLV-2	SISMA SLV-3	SISMA SLV-4	SISMA SLD-1	SISMA SLD-2	SISMA SLD-3	SISMA SLD-4
DEAD	1	1	1	1	1	1	1	1	1	1
Spinta Ka DX	1	0	1	1	0	0	1	1	0	1
Spinta Ka SX	1	0	1	1	0	0	1	1	0	1
Spinta K0 DX	0	1	0	0	1	1	0	0	1	0
Spinta K0 SX	0	1	0	0	1	1	0	0	1	0
Ricoprimento	1	1	1	1	1	1	1	1	1	1
Q	0	0	0	0	0	0	0	0	0	0
Q Spinta Ka DX	0	0	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	0	0	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	0	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	0	0
WOOD SX SLV	0	0	1	1	1	1	0	0	0	0
Inerzia +X SLV	0	0	1	1	1	1	0	0	0	0
Inerzia +Z SLV	0	0	1	-1	1	-1	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	1	1	1	1
Inerzia +X SLD	0	0	0	0	0	0	1	1	1	1
Inerzia +Z SLD	0	0	0	0	0	0	1	-1	1	-1

8.2. CON FALDA

	SLU-1	SLU-2	SLU-3	SLU-4	SLU-5	SLU-6	SLU-7	SLU-8	SLU-9	SLU-10	SLU-11	SLU-12	SLU-13	SLU-14
DEAD	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Falda	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Spinta Ka DX	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0	0	0	0	0	0	0
Spinta Ka SX	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0	0	0	0	0	0	0
Spinta K0 DX	0	0	0	0	0	0	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Spinta K0 SX	0	0	0	0	0	0	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Ricoprimento	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Q	0	1.5	1.5	1.5	1.5	0	0	0	1.5	1.5	1.5	1.5	0	0
Q Spinta Ka DX	0	1.5	1.5	0	0	1.5	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	1.5	0	1.5	0	0	1.5	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	1.5	1.5	0	0	1.5	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	1.5	0	1.5	0	0	1.5
WOOD SX SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	RARA-1	RARA-2	RARA-3	RARA-4	RARA-5	RARA-6	RARA-7	RARA-8	RARA-9	RARA-10	RARA-11	RARA-12	RARA-13	RARA-14
DEAD	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Falda	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Spinta Ka DX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta Ka SX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta K0 DX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Spinta K0 SX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Ricoprimento	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q	0	0.75	0.75	0.75	0.75	0	0	0	0.75	0.75	0.75	0.75	0	0
Q Spinta Ka DX	0	0.75	0.75	0	0	0.75	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	0.75	0	0.75	0	0	0.75	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0.75	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	0.75	0	0.75	0	0	0.75
WOOD SX SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	FREQ-1	FREQ-2	FREQ-3	FREQ-4	FREQ-5	FREQ-6	FREQ-7	FREQ-8	FREQ-9	FREQ-10	FREQ-11	FREQ-12	FREQ-13	FREQ-14
DEAD	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Falda	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Spinta Ka DX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta Ka SX	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Spinta K0 DX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Spinta K0 SX	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Ricoprimento	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q	0	0.75	0.75	0.75	0.75	0	0	0	0.75	0.75	0.75	0.75	0	0
Q Spinta Ka DX	0	0.75	0.75	0	0	0.75	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	0.75	0	0.75	0	0	0.75	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0.75	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	0.75	0	0.75	0	0	0.75
WOOD SX SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +X SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inerzia +Z SLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	QP-1	QP-2	SISMA SLV-1	SISMA SLV-2	SISMA SLV-3	SISMA SLV-4	SISMA SLD-1	SISMA SLD-2	SISMA SLD-3	SISMA SLD-4
DEAD	1	1	1	1	1	1	1	1	1	1
Falda	1	1	1	1	1	1	1	1	1	1
Spinta Ka DX	1	0	1	1	0	0	1	1	0	1
Spinta Ka SX	1	0	1	1	0	0	1	1	0	1
Spinta K0 DX	0	1	0	0	1	1	0	0	1	0
Spinta K0 SX	0	1	0	0	1	1	0	0	1	0
Ricoprimento	1	1	1	1	1	1	1	1	1	1
Q	0	0	0	0	0	0	0	0	0	0
Q Spinta Ka DX	0	0	0	0	0	0	0	0	0	0
Q Spinta Ka SX	0	0	0	0	0	0	0	0	0	0
Q Spinta K0 DX	0	0	0	0	0	0	0	0	0	0
Q Spinta K0 SX	0	0	0	0	0	0	0	0	0	0
WOOD SX SLV	0	0	1	1	1	1	0	0	0	0
Inerzia +X SLV	0	0	1	1	1	1	0	0	0	0
Inerzia +Z SLV	0	0	1	-1	1	-1	0	0	0	0
WOOD SX SLD	0	0	0	0	0	0	1	1	1	1
Inerzia +X SLD	0	0	0	0	0	0	1	1	1	1
Inerzia +Z SLD	0	0	0	0	0	0	1	-1	1	-1

9. CRITERI DI VERIFICA

I criteri di verifica adottati per il calcolo delle armature sono quelli presenti nella normativa italiana D.M.08 al capitolo 4, per le sezioni in cemento armato inflesse e presso inflesse, sia per lo Stato Limite Ultimo che per lo Stato Limite di Esercizio. Nel seguito si passeranno in rassegna tutti i criteri adottati.

9.1. VERIFICHE AGLI STATI LIMITE ULTIMI

9.1.1. Resistenza a sforzo normale e flessione

Per la valutazione della resistenza ultima delle sezioni di elementi monodimensionali si adottano le seguenti ipotesi:

- Conservazione delle sezioni piane;
- Perfetta aderenza tra acciaio e calcestruzzo;
- Resistenza a trazione del calcestruzzo nulla;
- Rottura del calcestruzzo determinata dal raggiungimento della sua capacità deformativa ultima a compressione;
- Rottura dell'armatura tesa determinata dal raggiungimento della sua capacità deformativa ultima.

Si assumeranno come diagrammi tensione-deformazione i diagrammi parabola-rettangolo e elastico perfettamente plastico rispettivamente per calcestruzzo e acciaio.

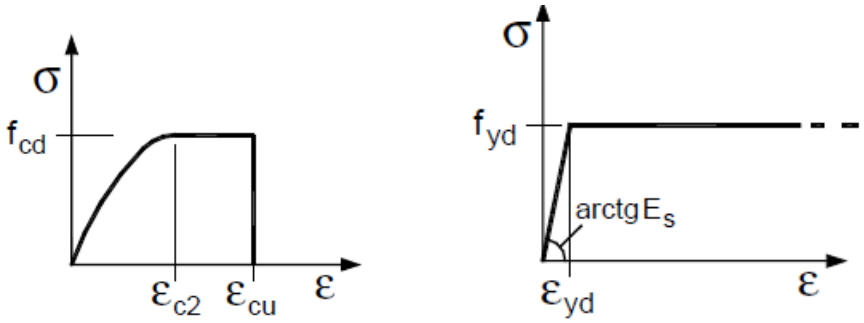


Figura 5: Diagrammi σ-ε adottati (D.M.2008-Figure 4.1.1 e 4.1.2)

Per la classe di calcestruzzo adoperata i valori di deformazione ε_{c2} ed ε_{cu} valgono rispettivamente 0.2% e 0.35%.

Definite le ipotesi di base e i diagrammi tensione-deformazione dei materiali è possibile illustrare l'analisi della sezione.

Con riferimento alla sezione pressoinflessa in figura, la verifica di resistenza si conduce controllando che:

$$M_{Rd} = M_{Rd}\,(N_{Ed}) \geq M_{Ed}$$

Dove:

M_{Rd} è il valore di calcolo del momento resistente corrispondente a N_{Ed};

N_{Ed} è il valore di calcolo della componente assiale dell'azione;

M_{Ed} è il valore di calcolo della componente flettente dell'azione.

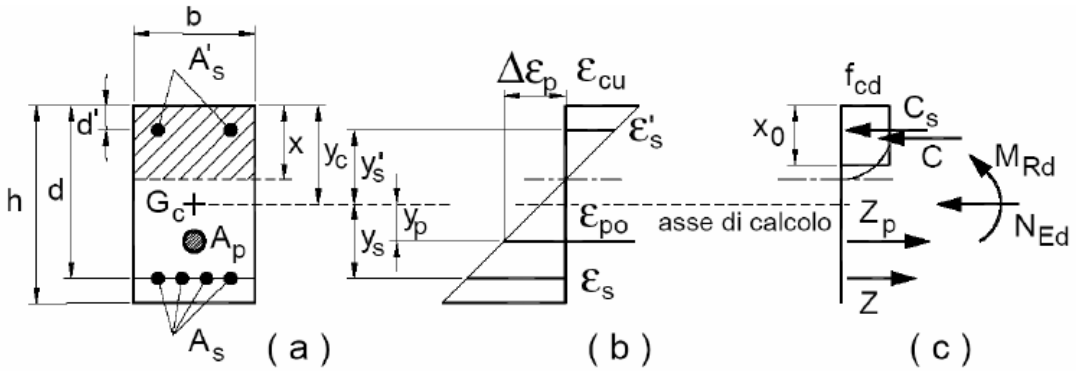


Figura 6: Sezione pressoinflessa (D.M.2008-Figura 4.1.3)

9.1.2. Resistenza nei confronti delle sollecitazioni taglianti

La resistenza a taglio V_{Rd} degli elementi strutturale dotati di specifica armatura a taglio è valutata sulla base di una adeguata schematizzazione a traliccio. Gli elementi resistenti dell'ideale traliccio sono: le armature trasversali, le armature longitudinali, il corrente compresso di calcestruzzo e i puntoni d'anima inclinati. L'inclinazione θ di questi ultimi rispetto all'asse della trave rispetta i limiti seguenti:

$$1 \leq ctg\,\theta \leq 2.5$$

La verifica di resistenza si pone:

$$V_{Rd} \geq V_{Ed}$$

Dove V_{Ed} è il valore di calcolo dello sforzo di taglio agente.

La resistenza di calcolo a “taglio trazione” si calcola con:

$$V_{Rsd} = 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (ctg\alpha + ctg\theta) \cdot \sin\alpha$$

Con riferimento al calcestruzzo d’anima, la resistenza di calcolo a “taglio compressione” si calcola con:

$$V_{Rcd} = 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (ctg\alpha + ctg\theta) / (1 + ctg^2\theta)$$

La resistenza al taglio dell’elemento è la minore delle due appena definite.

$$V_{Rd} = \min (V_{Rsd}, V_{Rcd})$$

dove: d indica l’altezza utile della sezione, b_w lo spessore dell’anima della sezione, A_{sw} l’area dell’armatura trasversale, s l’interasse tra le armature trasversali, α l’angolo di inclinazione dell’armatura trasversale rispetto all’asse dell’elemento, f'_{cd} la resistenza ridotta del calcestruzzo d’anima ($f'_{cd} = 0.5f_{cd}$), α_c coefficiente maggiorativo che può assumere i seguenti valori:

$\alpha_c = 1.0$ per membrature non compresse

$\alpha_c = 1 + \sigma_{cp}/f_{cd}$ per $0 \leq \sigma_{cp} \leq 0.25f_{cd}$

$\alpha_c = 1.25$ per $0.25\, f_{cd} \leq \sigma_{cp} \leq 0.5f_{cd}$

$\alpha_c = 2.5(1- \sigma_{cp}/f_{cd})$ per $0.5\, f_{cd} \leq \sigma_{cp} \leq f_{cd}$

9.2. VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

9.2.1. Verifica di fessurazione

La verifica di fessurazione è stata condotta nei confronti dello stato limite di apertura delle fessure, per il quale quale, fissata la combinazione di azioni, il valore limite di apertura delle fessure è pari ad uno dei seguenti valori nominali:

w_1=0.2 mm w_2 = 0.3 mm w_3 = 0.4 mm

La norma prescrive di considerare le combinazioni di carico frequente e quasi permanente mentre il limite sull’ampiezza della fessura dipende dalle condizioni ambientali.

CONDIZIONI AMBIENTALI	CLASSE DI ESPOSIZIONE
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Tabella 5 – Condizioni ambientali (D.M.2008-Tabella 4.1.III)

La classe di esposizione nel caso in esame è la XF3 pertanto si hanno condizioni ambientali aggressive.

Per tali condizioni i limiti di ampiezza delle fessure sono riportati nella tabella sotto riportata per il caso di armature poco sensibili alla corrosione.

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	Aggressive	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Tabella 6 – Limiti sull'ampiezza di apertura delle fessure (D.M.2008-Tabella 4.1.IV)

9.2.2. Verifica delle tensioni in esercizio

La massima tensione di compressione del calcestruzzo σ deve rispettare le limitazioni seguenti:

$\sigma_c < 0.60 f_{ck}$ per combinazione caratteristica (rara)

$\sigma_c < 0.45 f_{ck}$ per combinazione quasi permanente

Per l'acciaio invece vale la limitazione sotto riportata per la combinazione di carico rara:

$\sigma_s < 0.80 f_{yk}$ per combinazione caratteristica (rara).

10. RISULTATI DELLE ANALISI

Si riportano nel seguito i valori delle azioni interne per l'inviluppo delle combinazioni di carico definite in precedenza. I valori delle forze sono in kN mentre le lunghezze in m.

10.1. SENZA FALDA

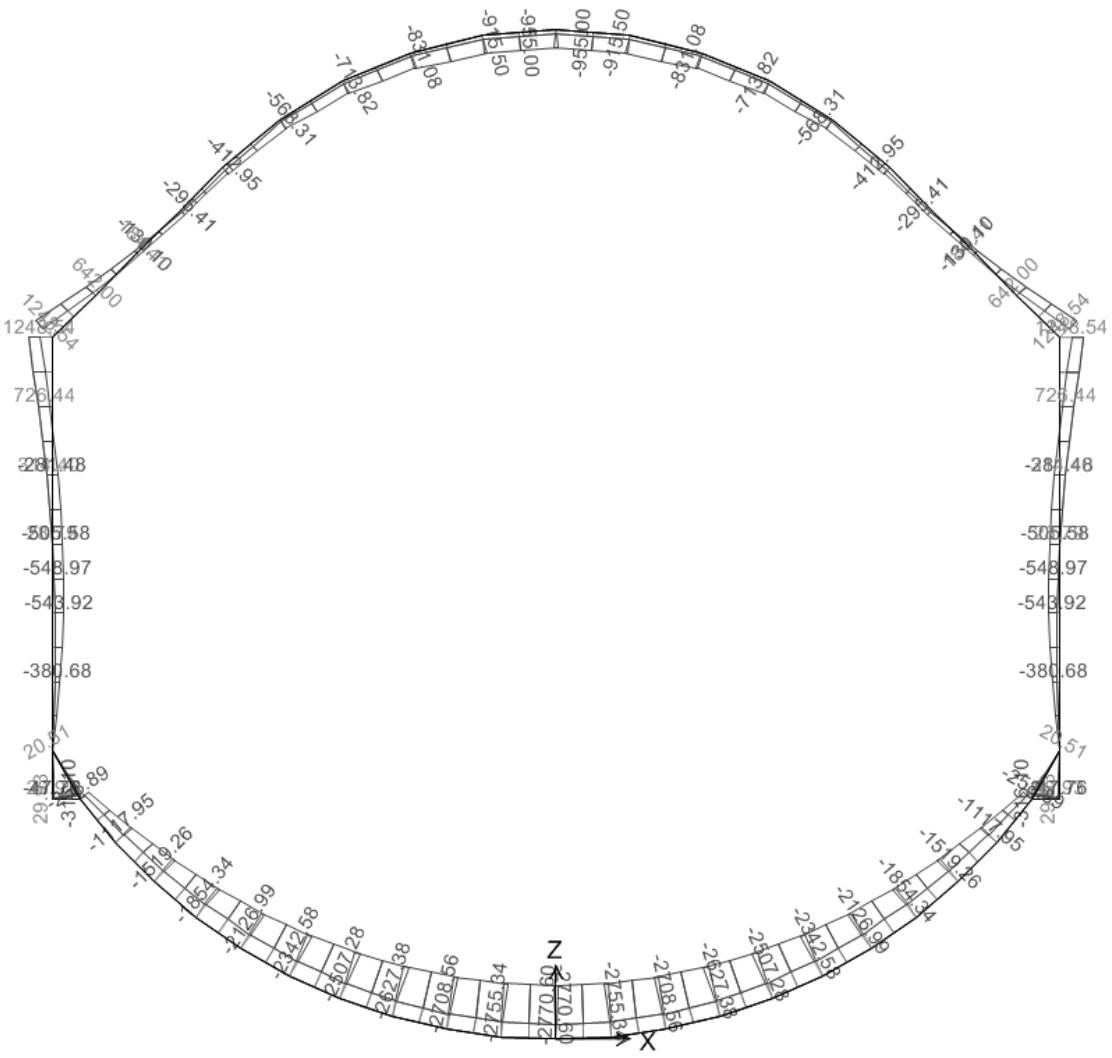


Figura 7: Momento flettente – Inviluppo SLU

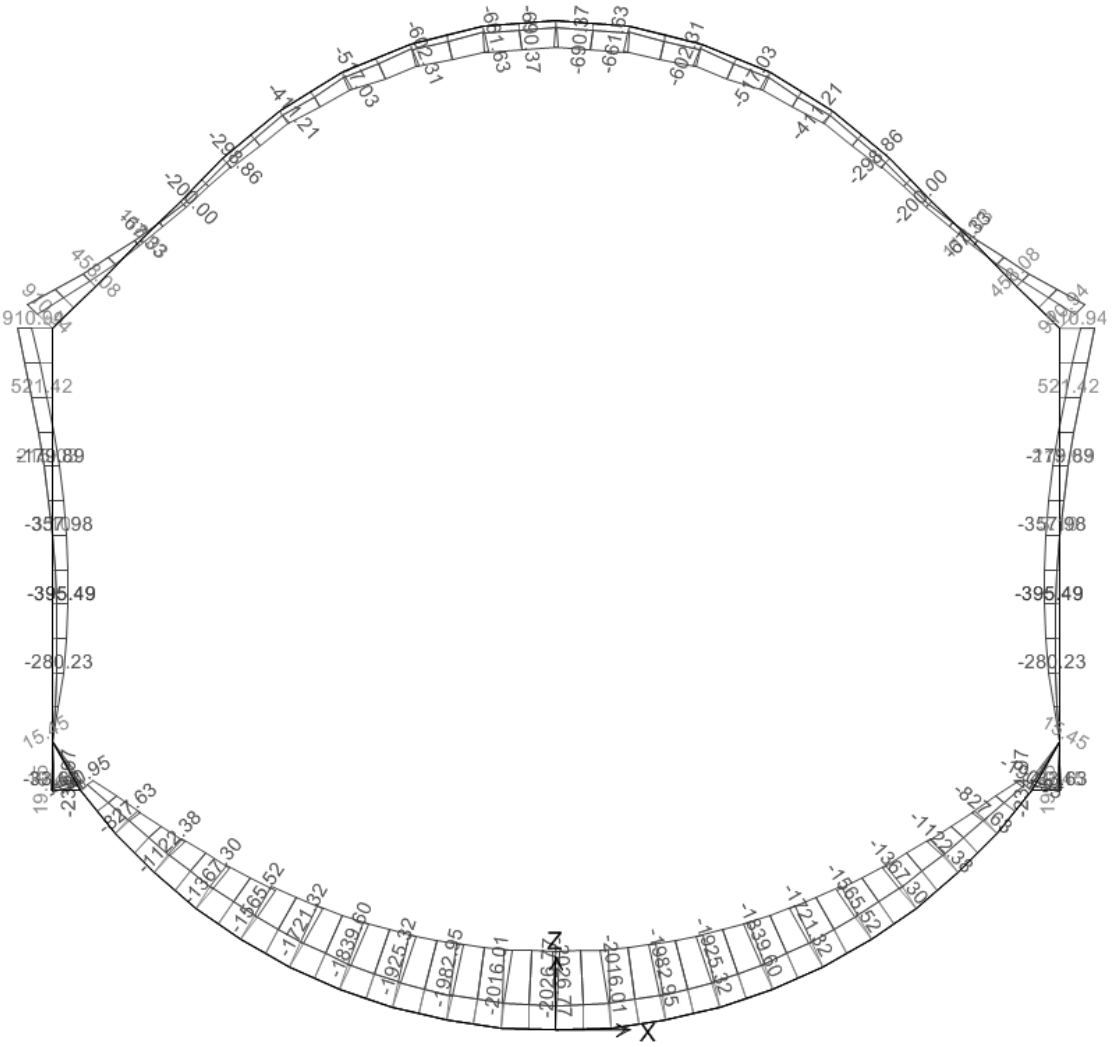


Figura 8: Momento flettente – Inviluppo RARA

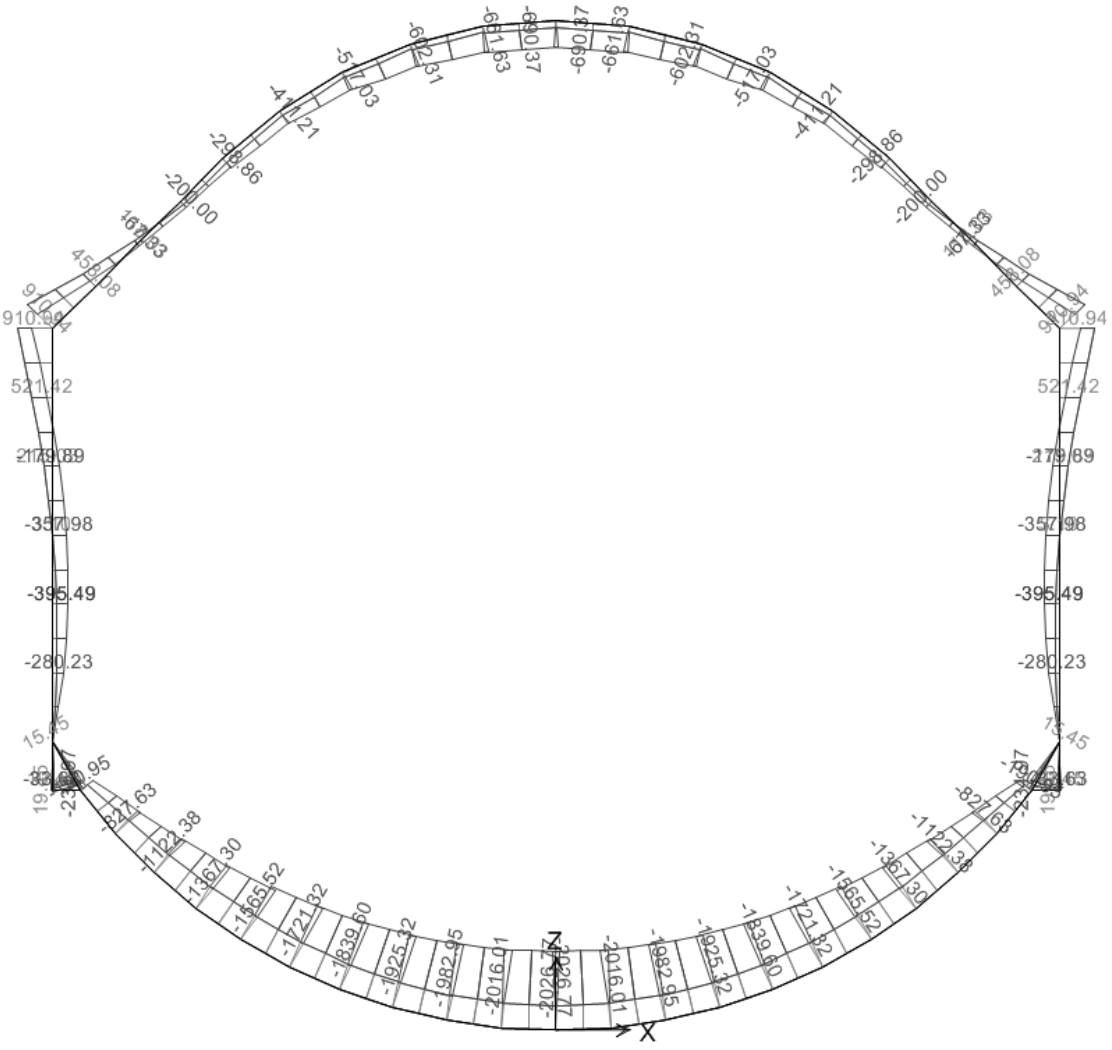


Figura 9: Momento flettente – Inviluppo FREQUENTE

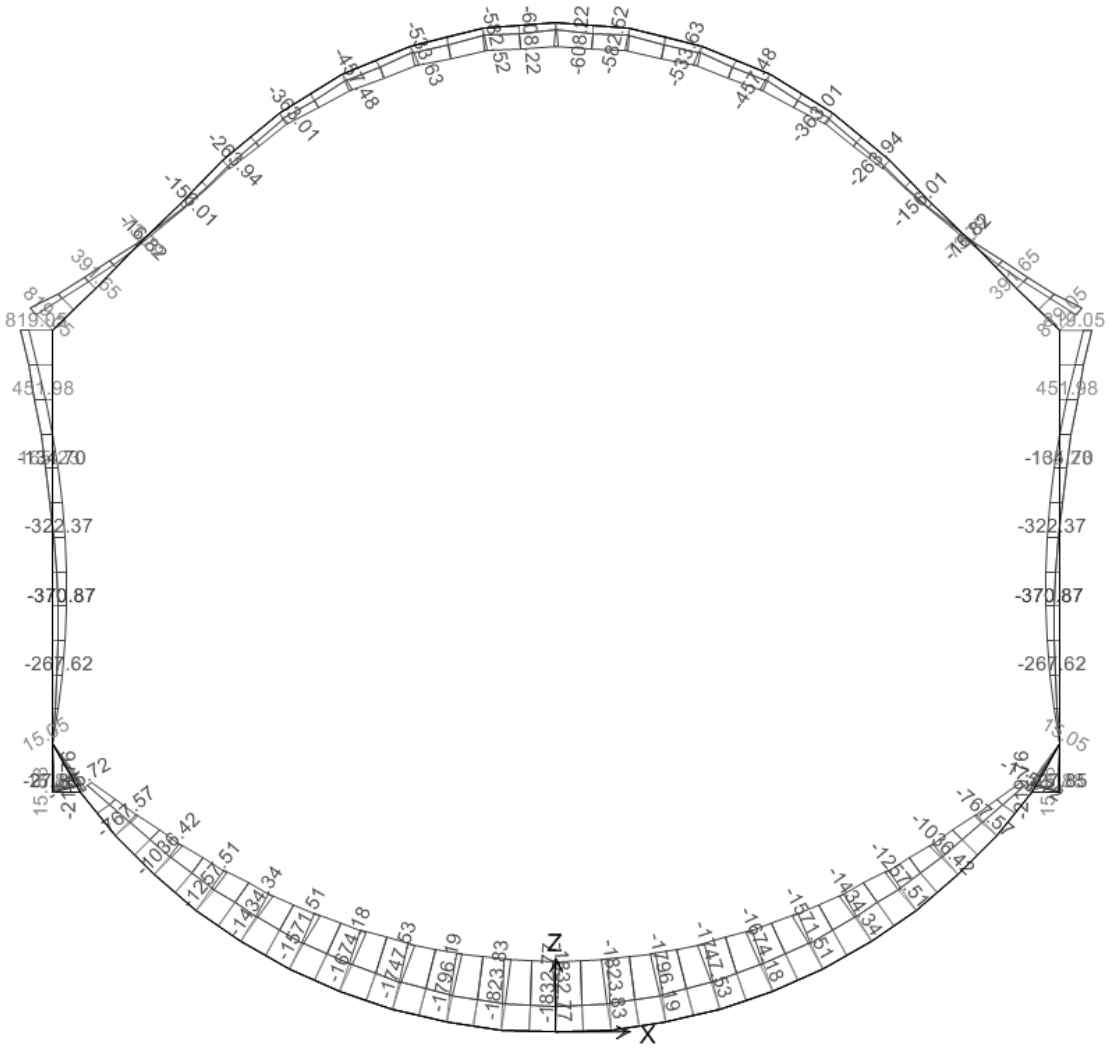


Figura 10: Momento flettente – Inviluppo QUASI PERMANENTE

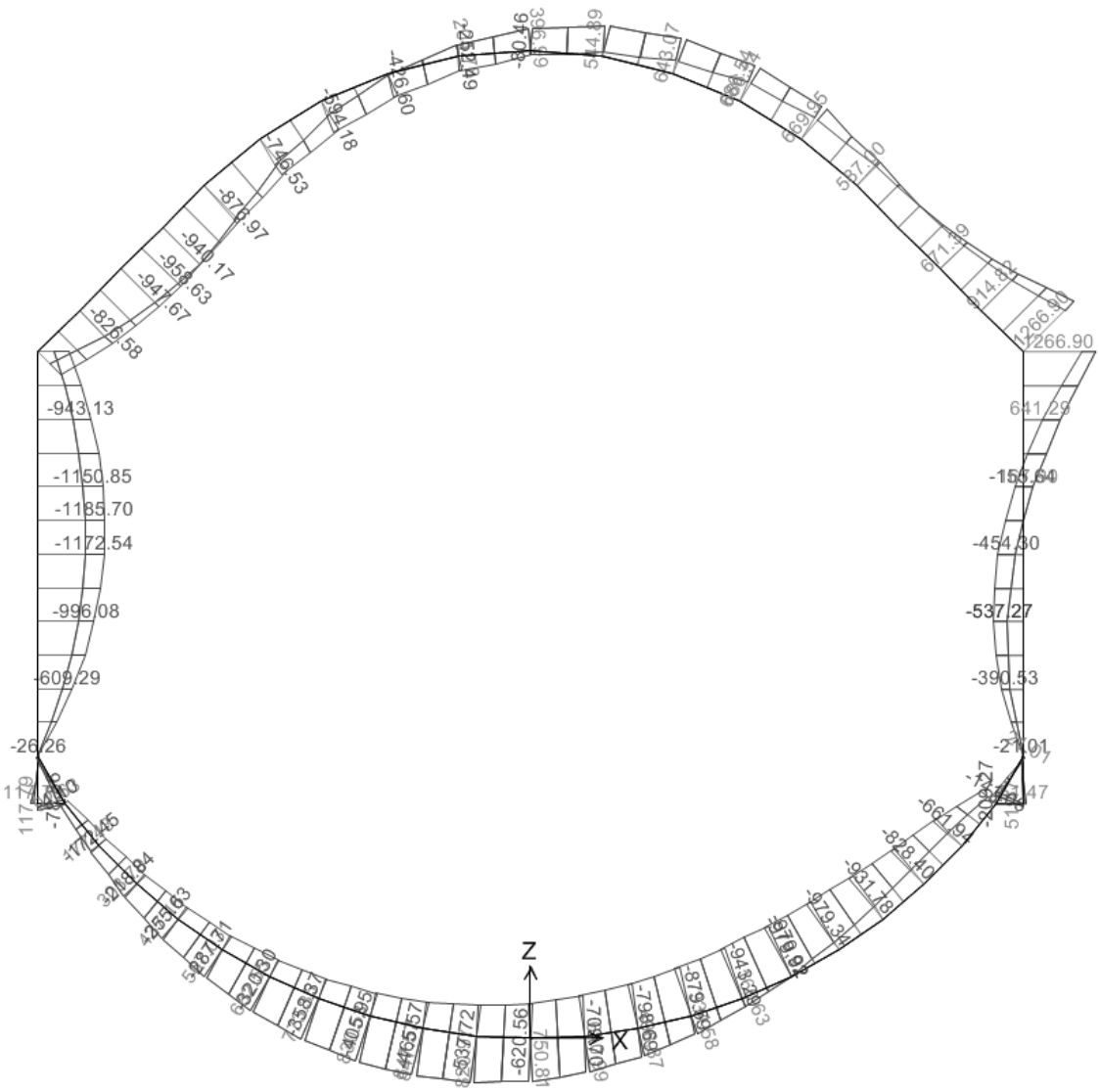


Figura 11: Momento flettente – Inviluppo SISMA SLV

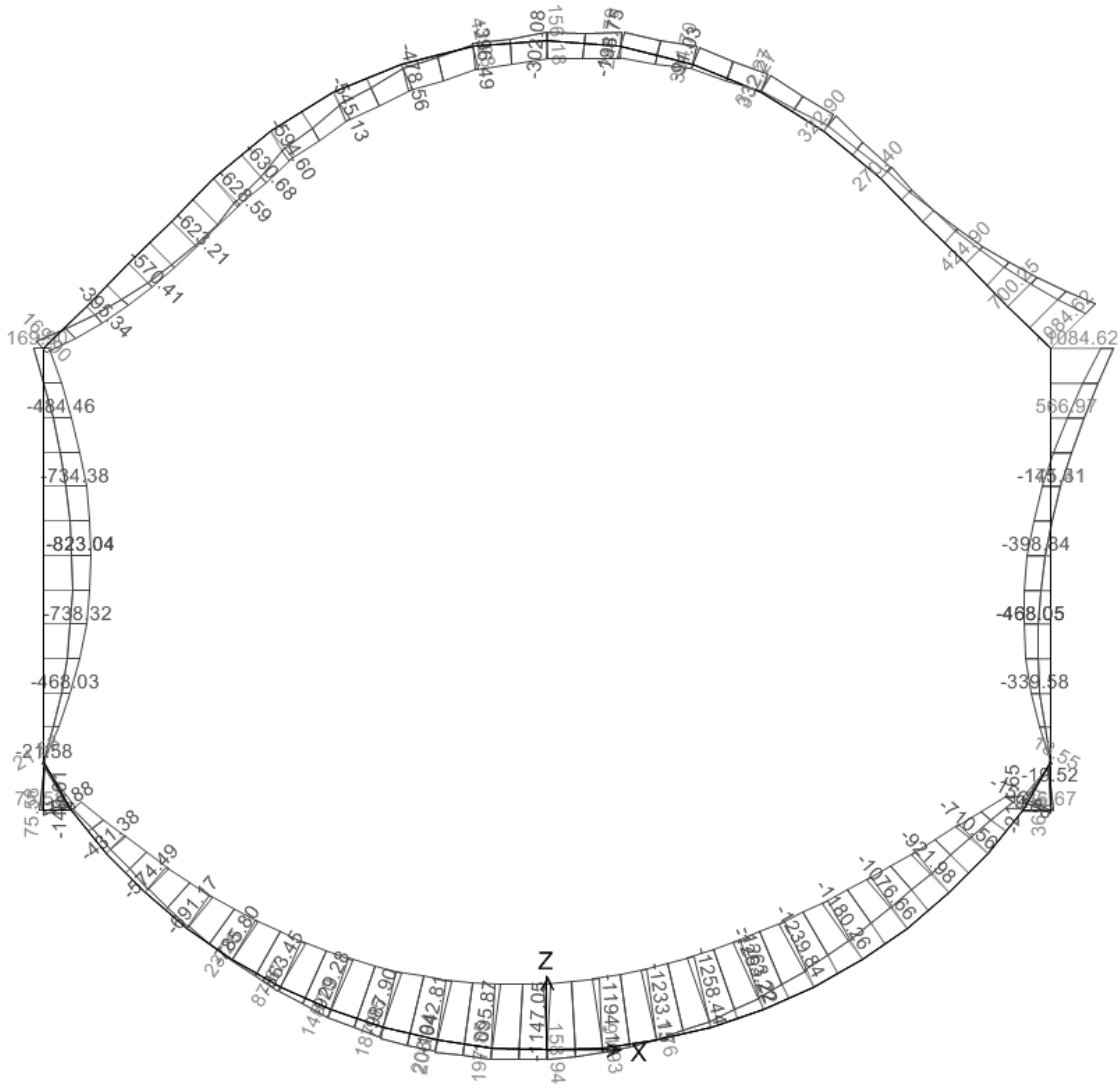


Figura 12: Momento flettente – Inviluppo SISMA SLD

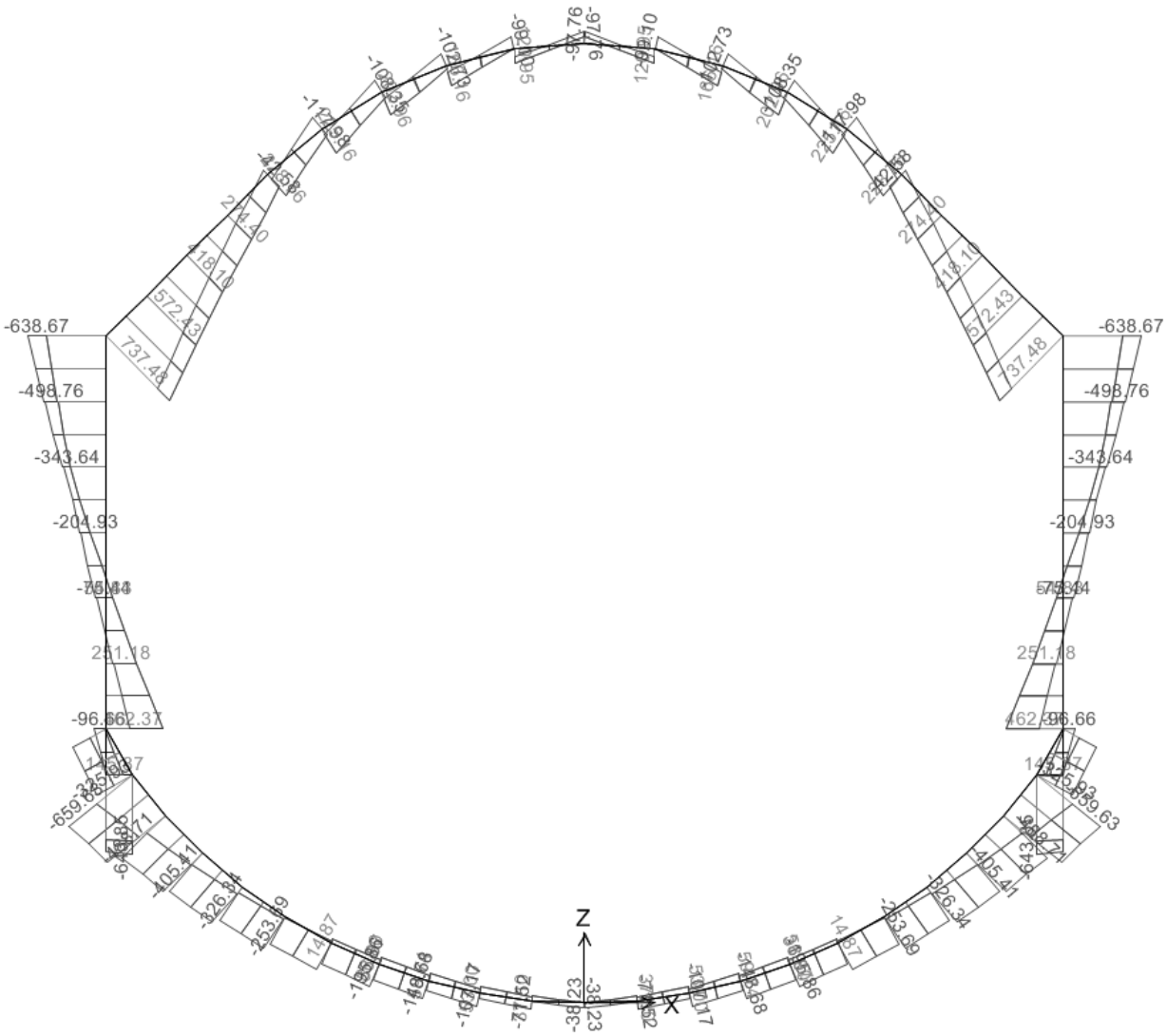


Figura 13: Azione di taglio – Inviluppo SLU

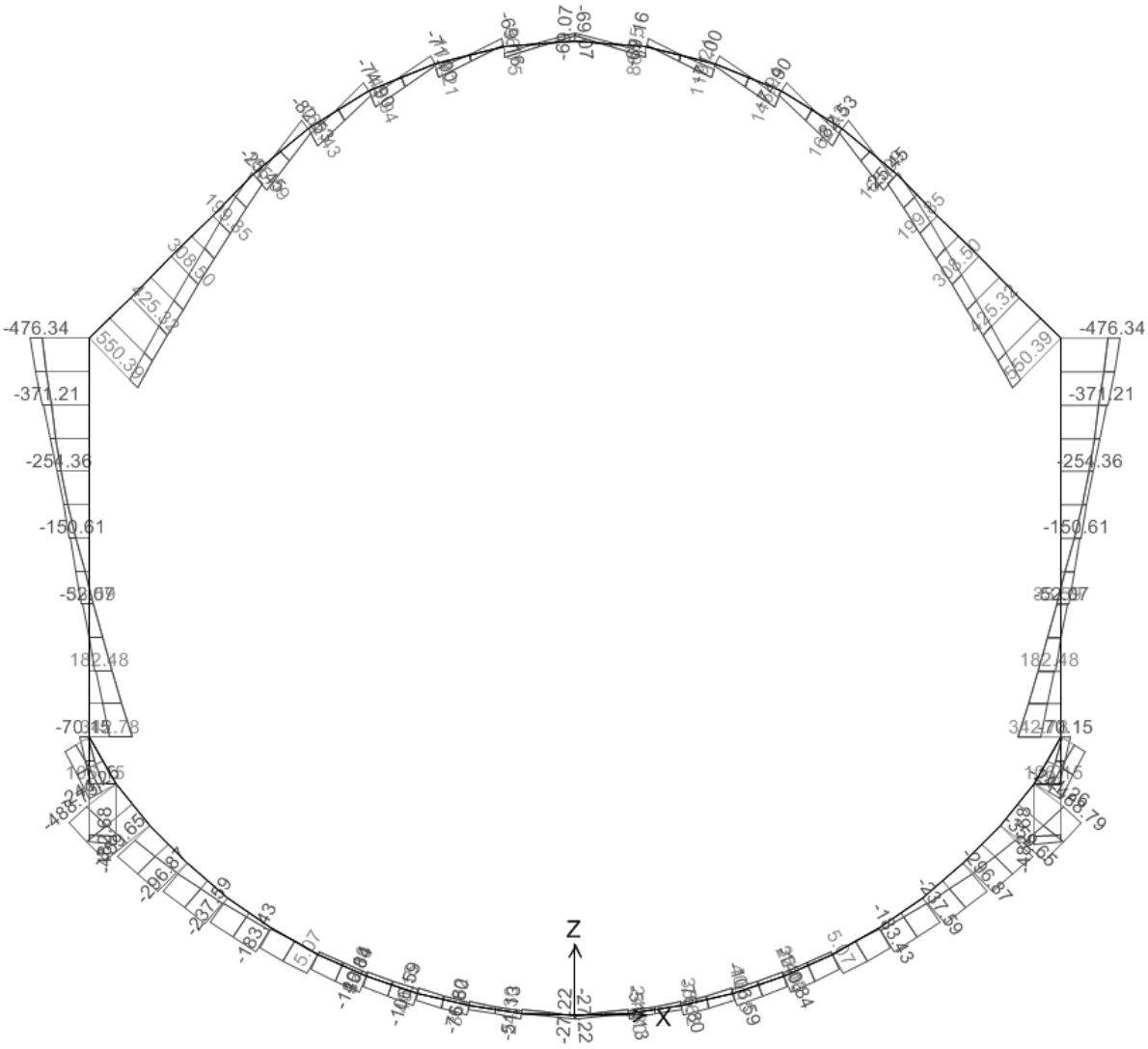


Figura 14: Azione di taglio – Inviluppo RARA

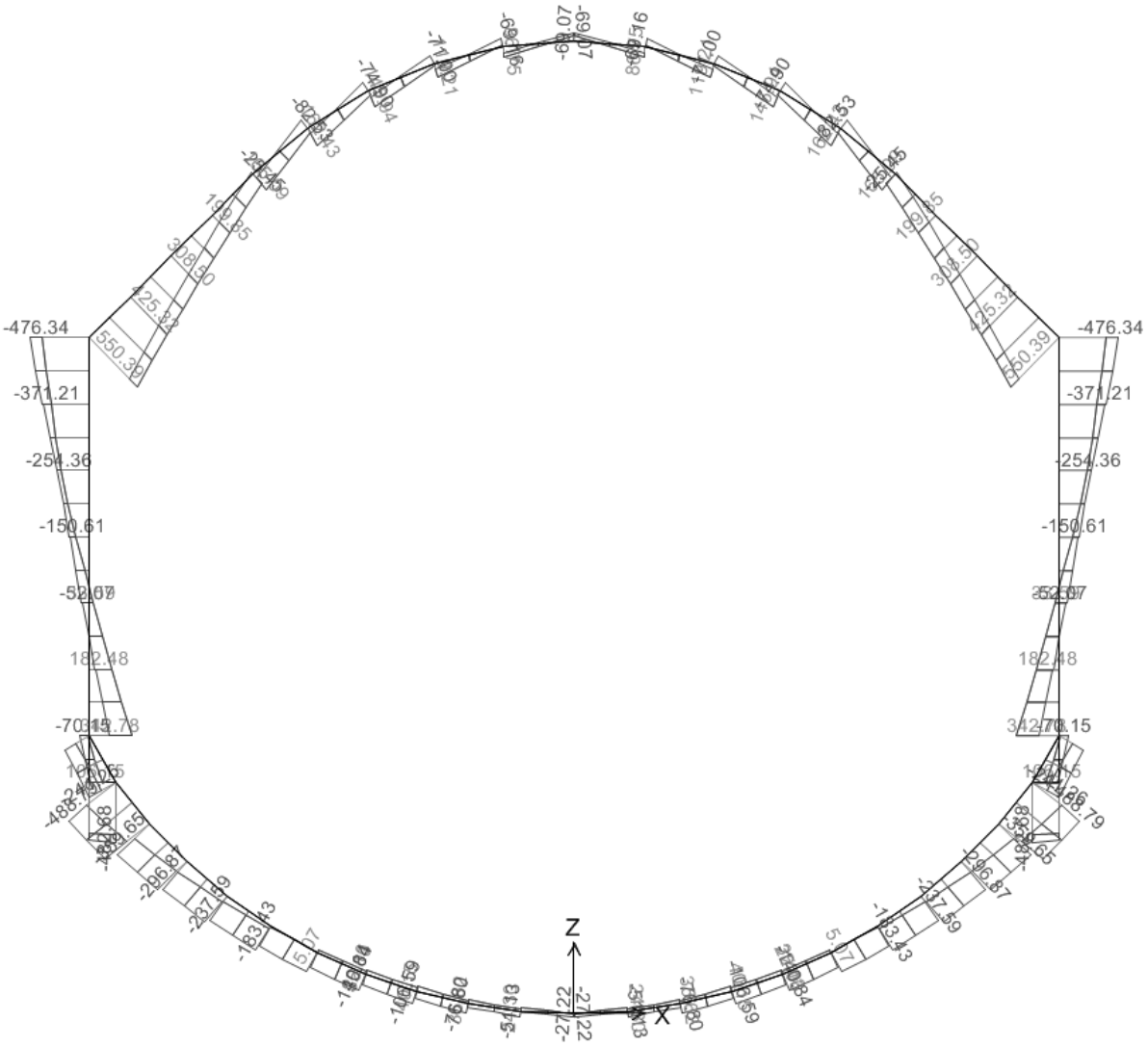


Figura 15: Azione di taglio – Inviluppo FREQUENTE

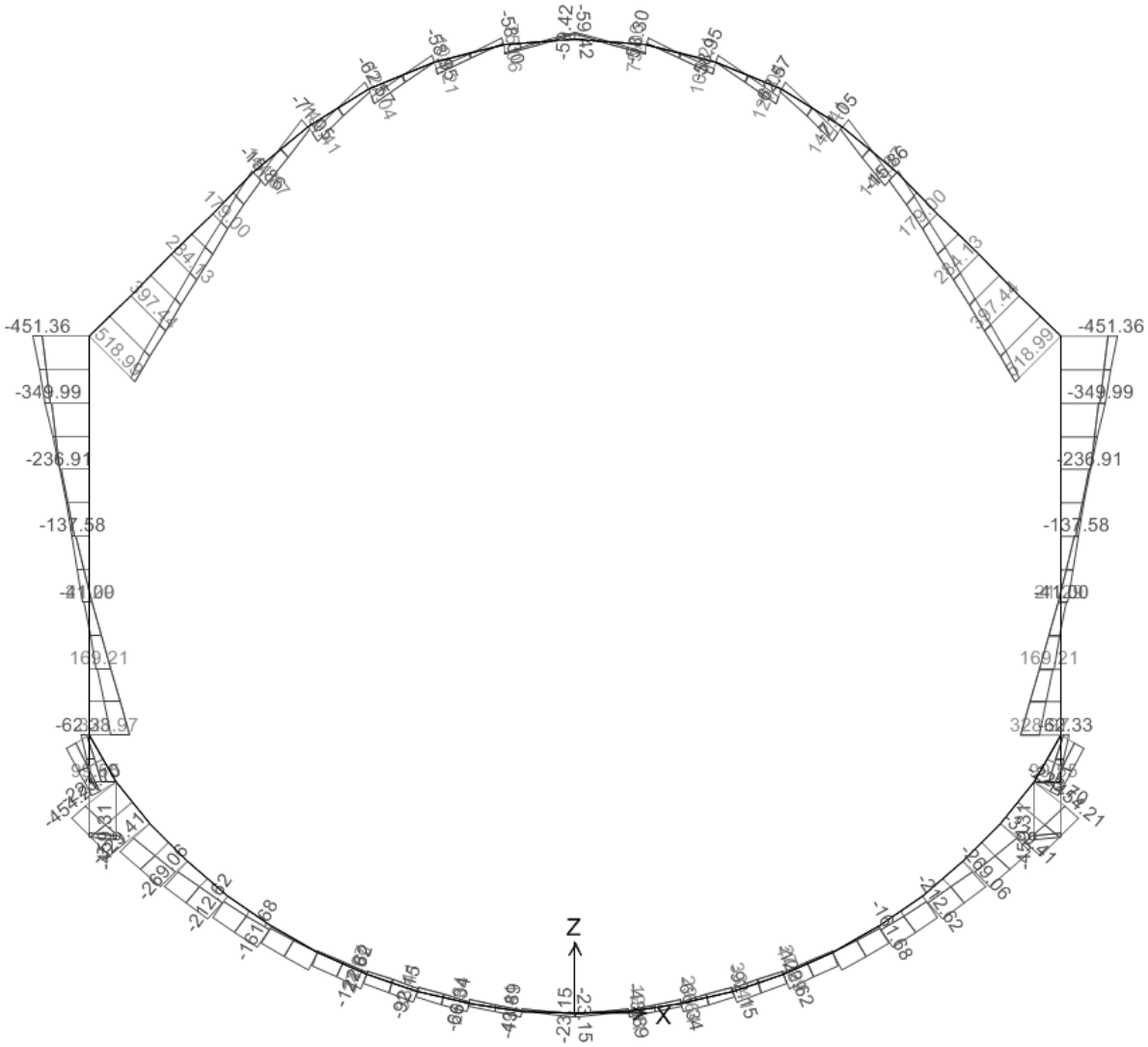


Figura 16: Azione di taglio – Inviluppo QUASI PERMANENTE

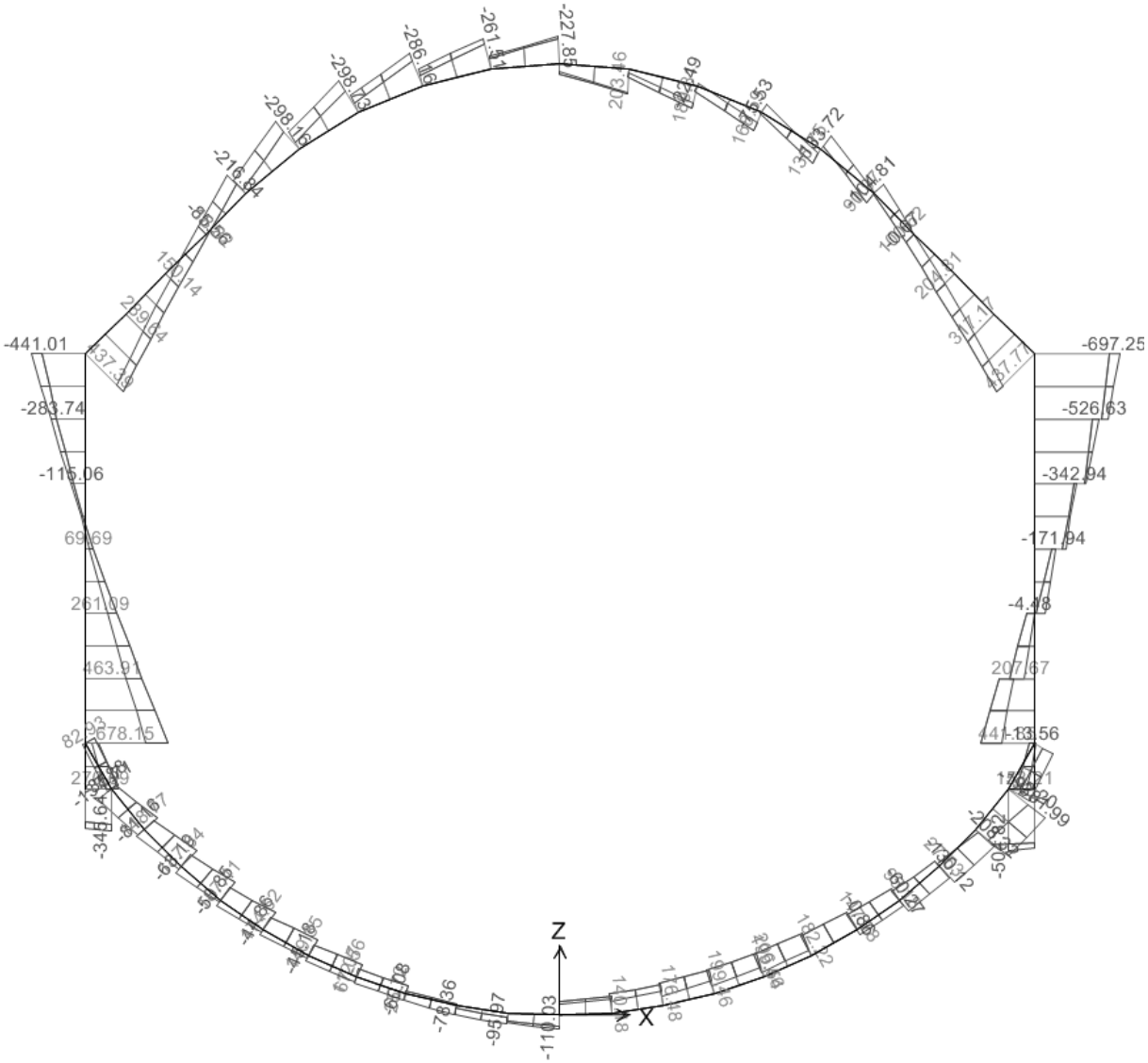


Figura 17: Azione di taglio – Inviluppo SISMA SLV

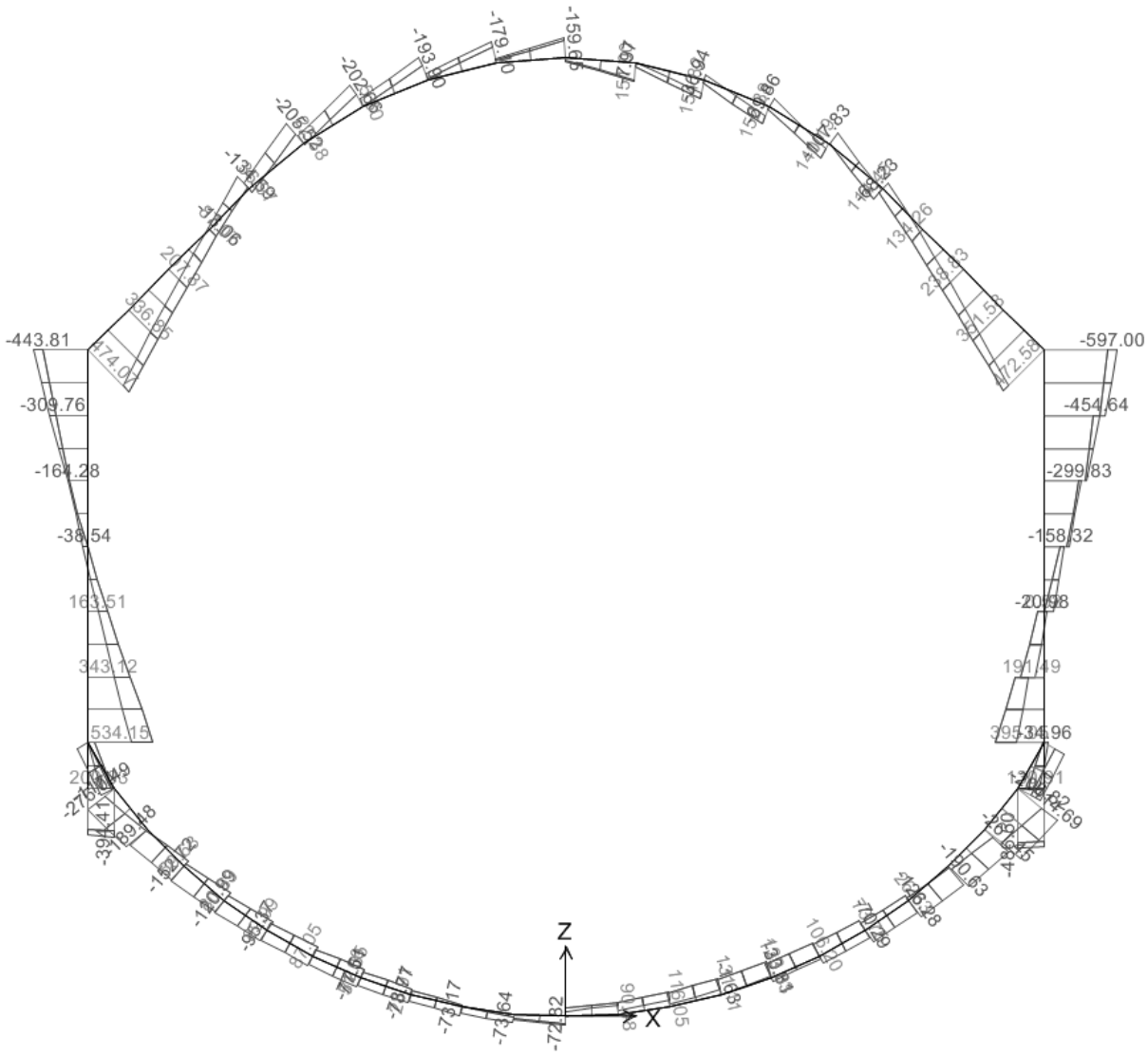


Figura 18: Azione di taglio – Inviluppo SISMA SLD

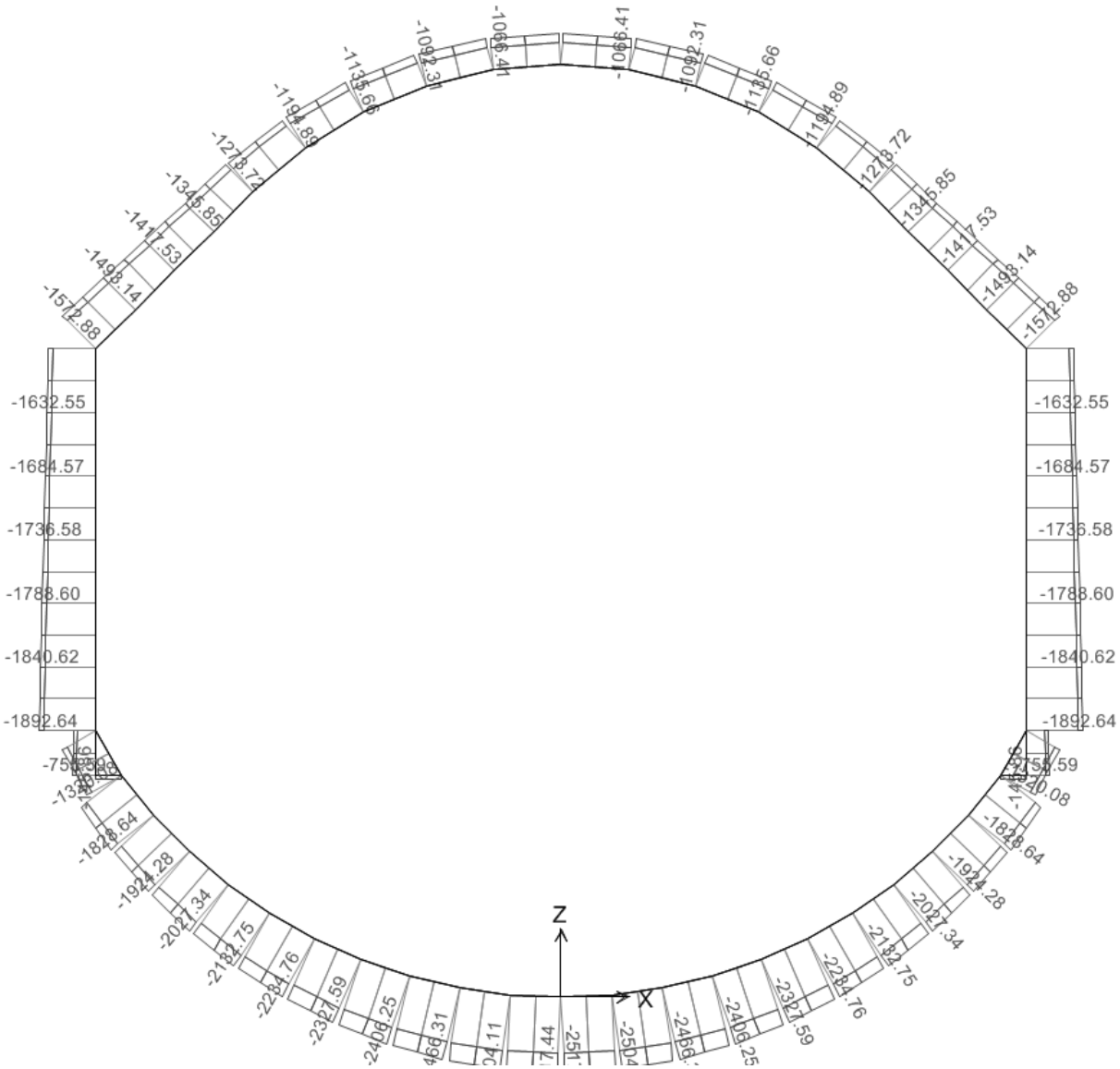


Figura 19: Azione assiale – Inviluppo SLU

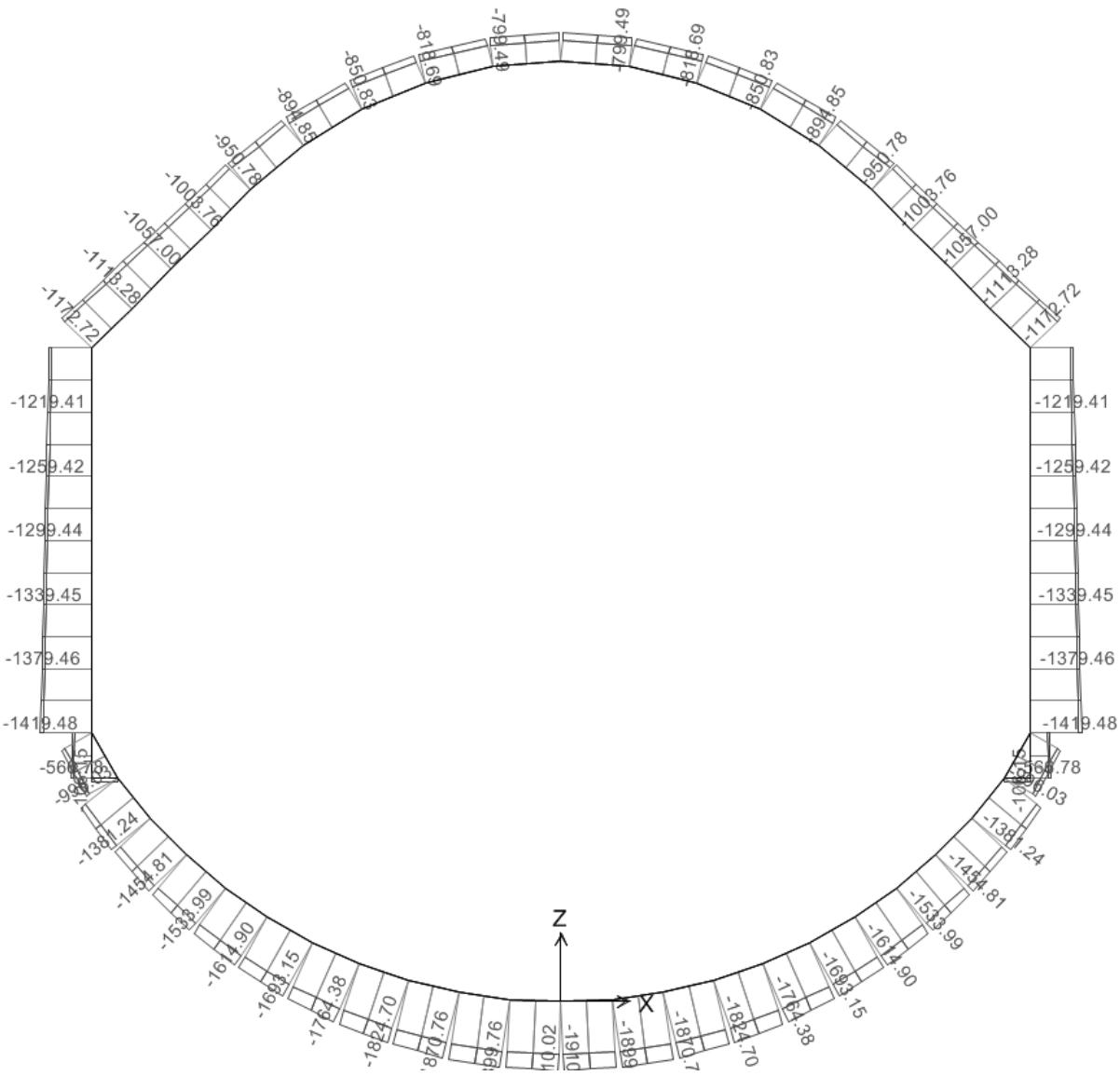


Figura 20: Azione assiale – Inviluppo RARA

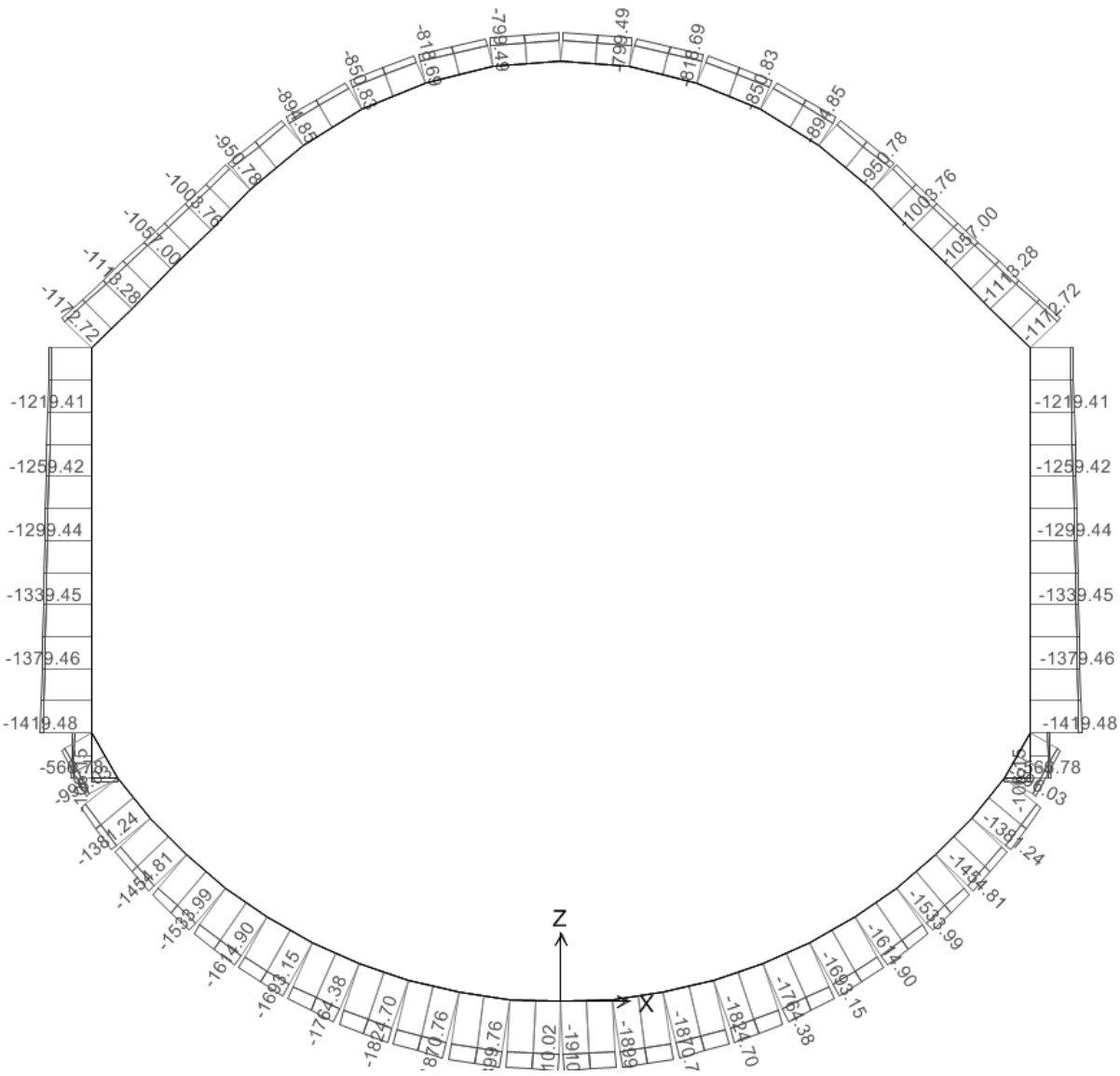


Figura 21: Azione assiale – Inviluppo FREQUENTE

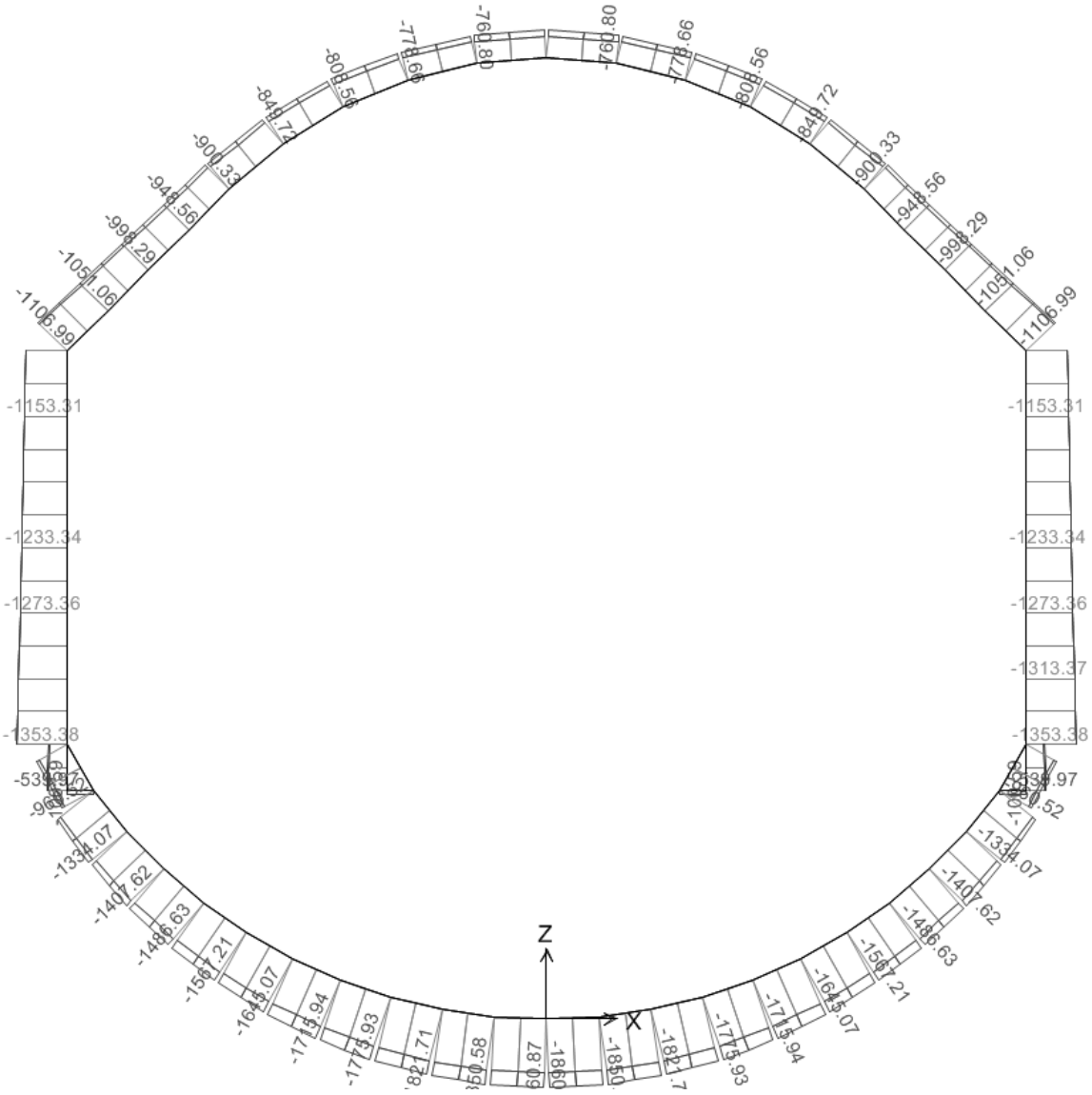


Figura 22: Azione assiale – Inviluppo QUASI PERMANENTE

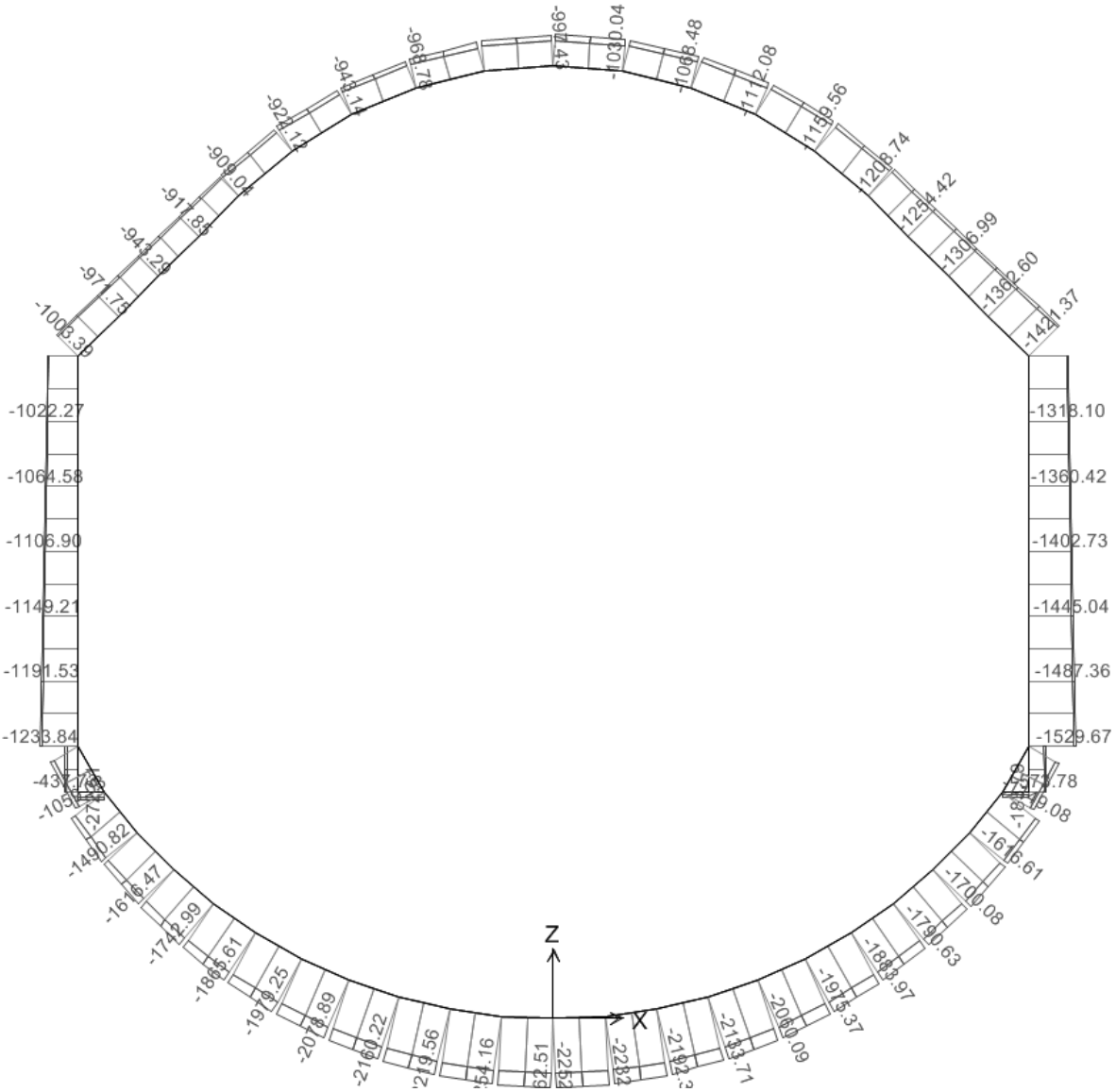


Figura 23: Azione assiale – Inviluppo SISMA SLV

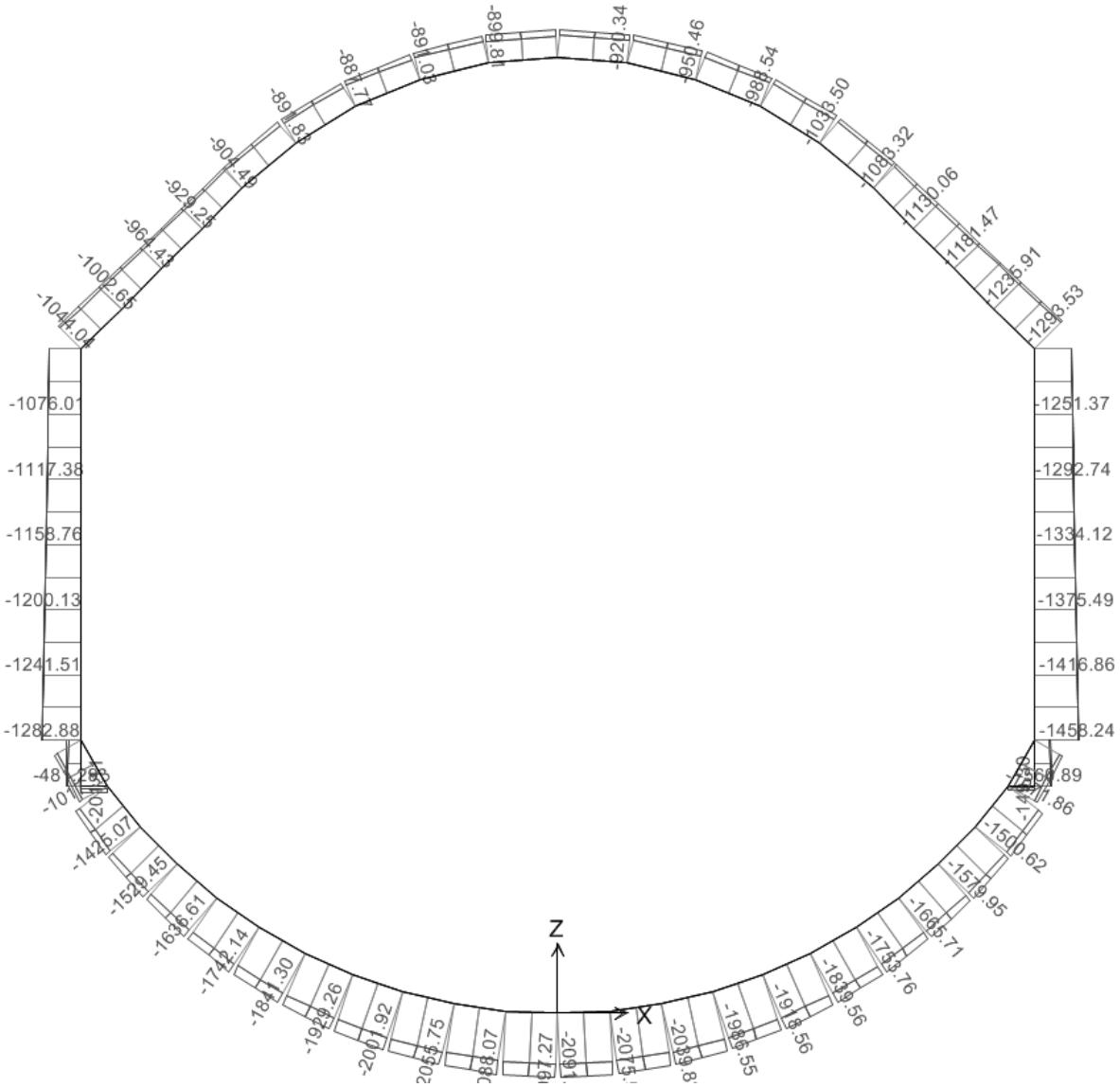


Figura 24: Azione assiale – Inviluppo SISMA SLD

10.2. CON FALDA

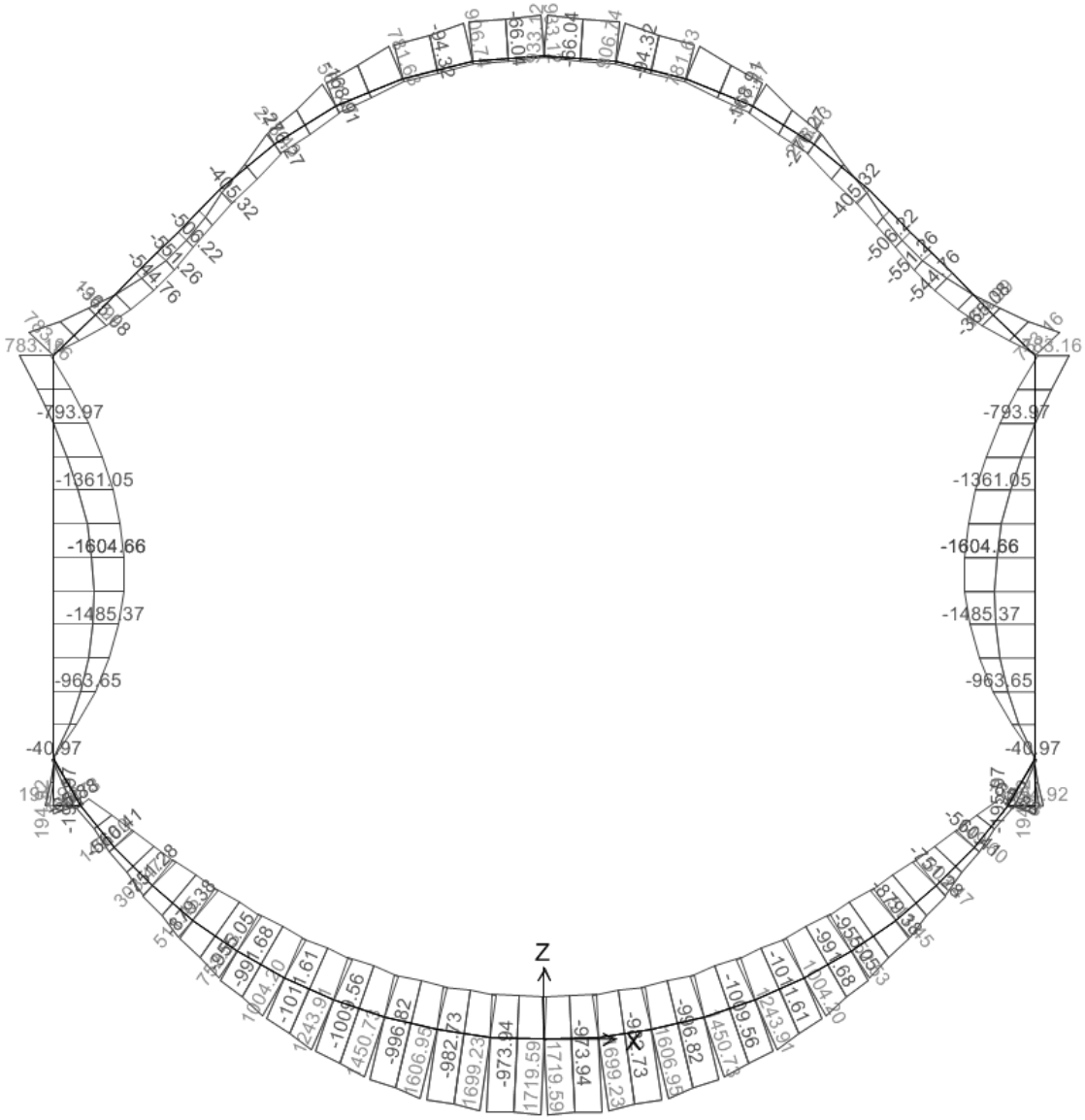


Figura 25: Momento flettente – Inviluppo SLU

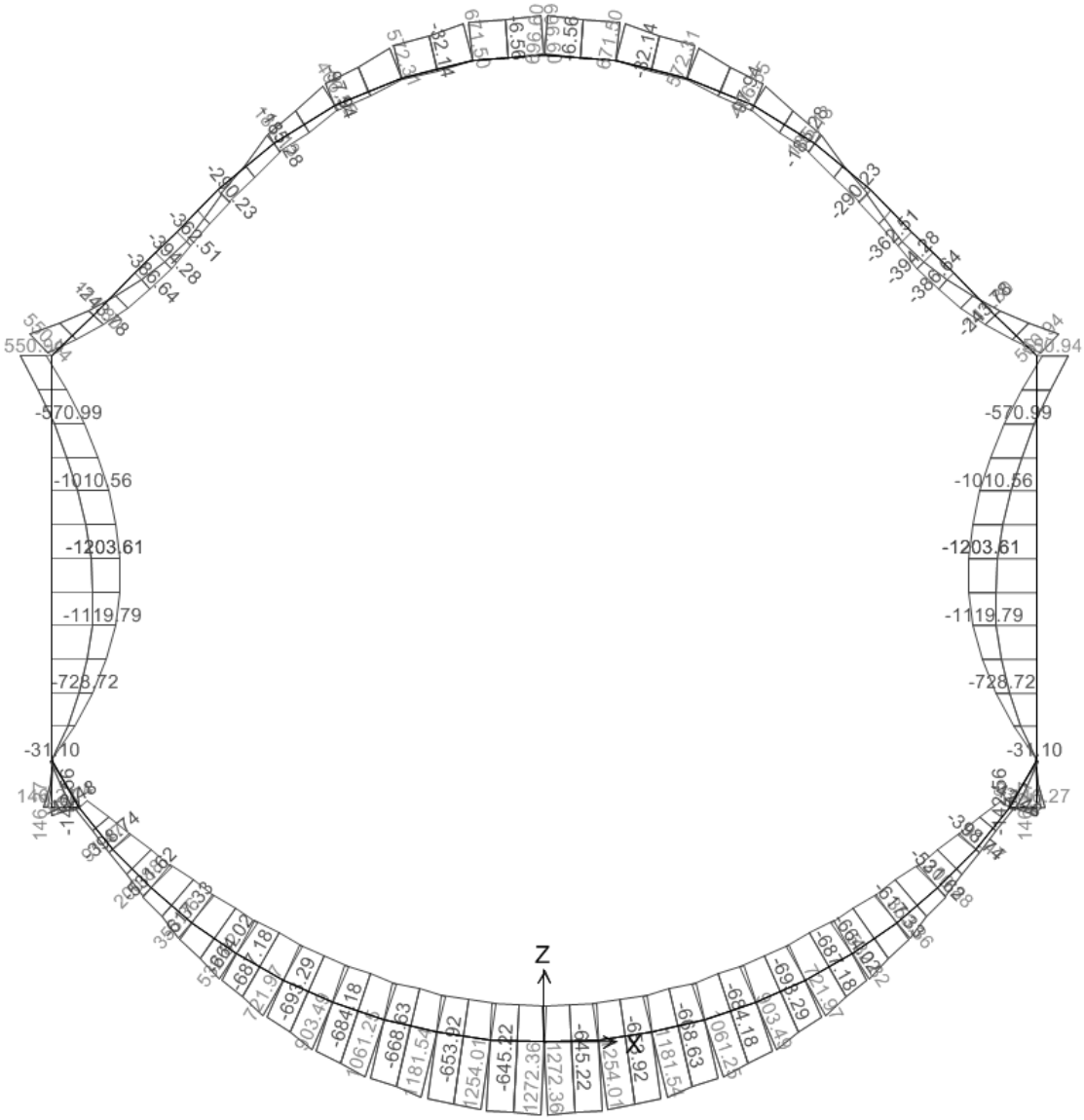


Figura 26: Momento flettente – Inviluppo RARA

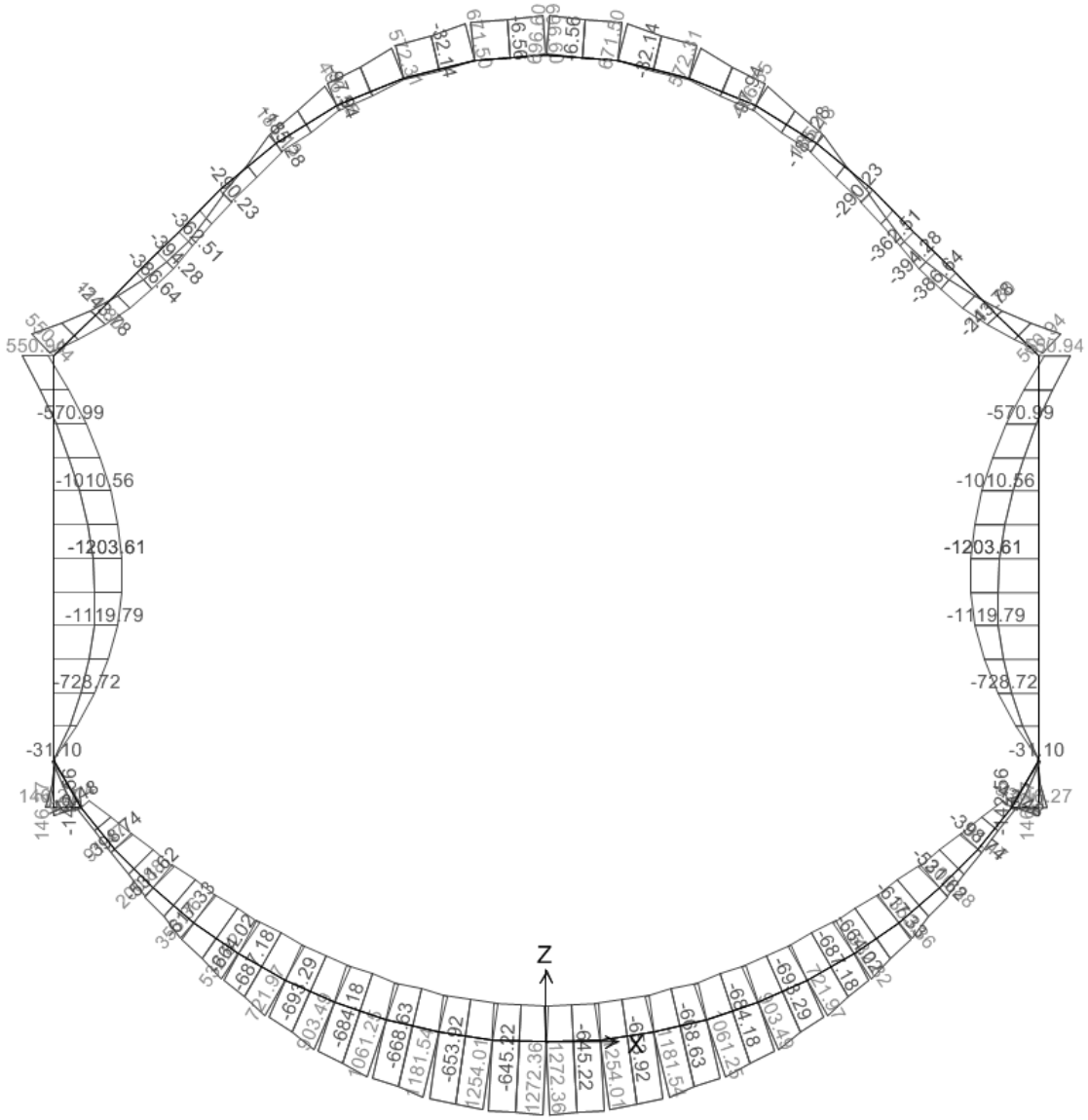


Figura 27: Momento flettente – Inviluppo FREQUENTE

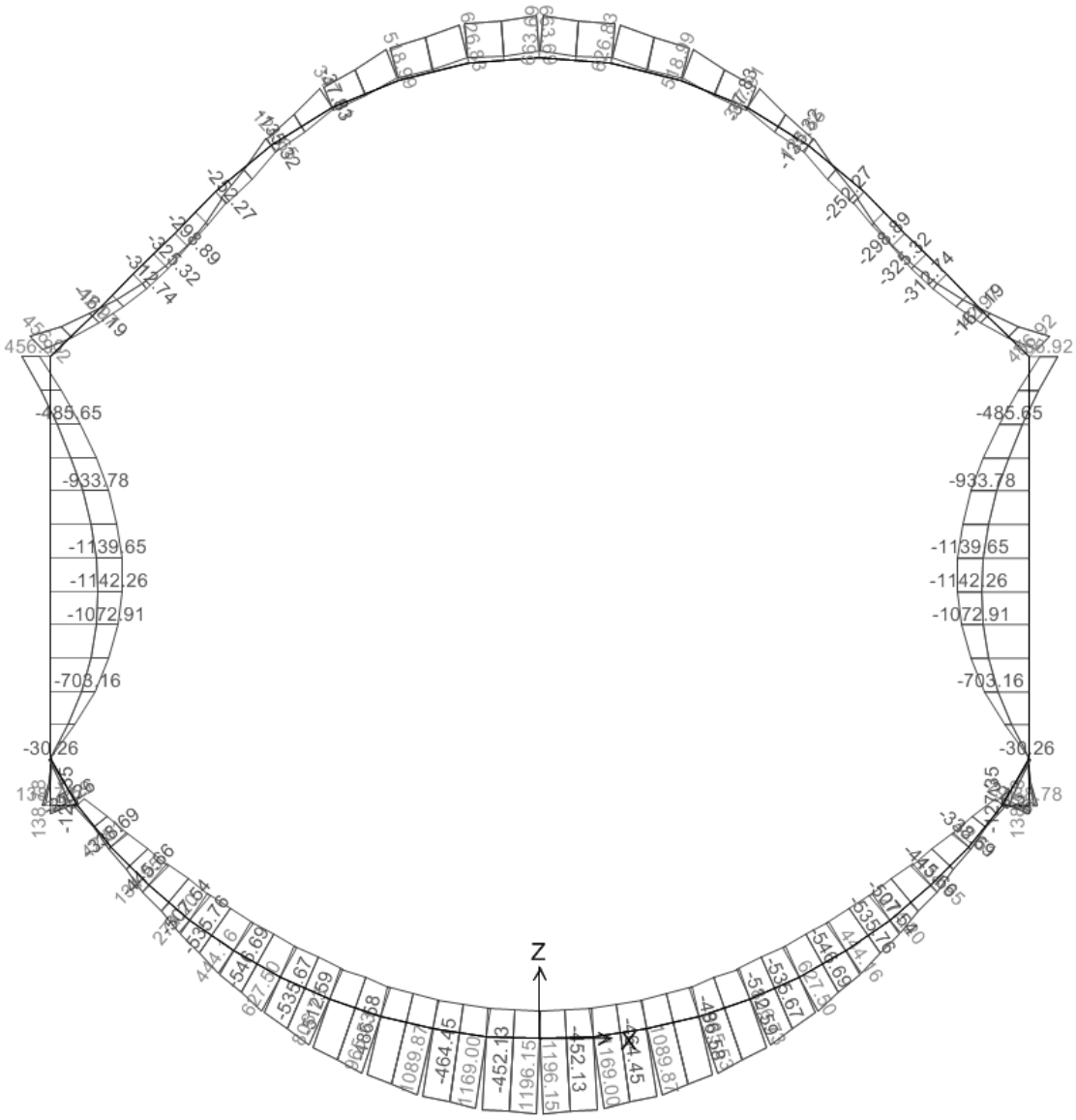


Figura 28: Momento flettente – Inviluppo QUASI PERMANENTE

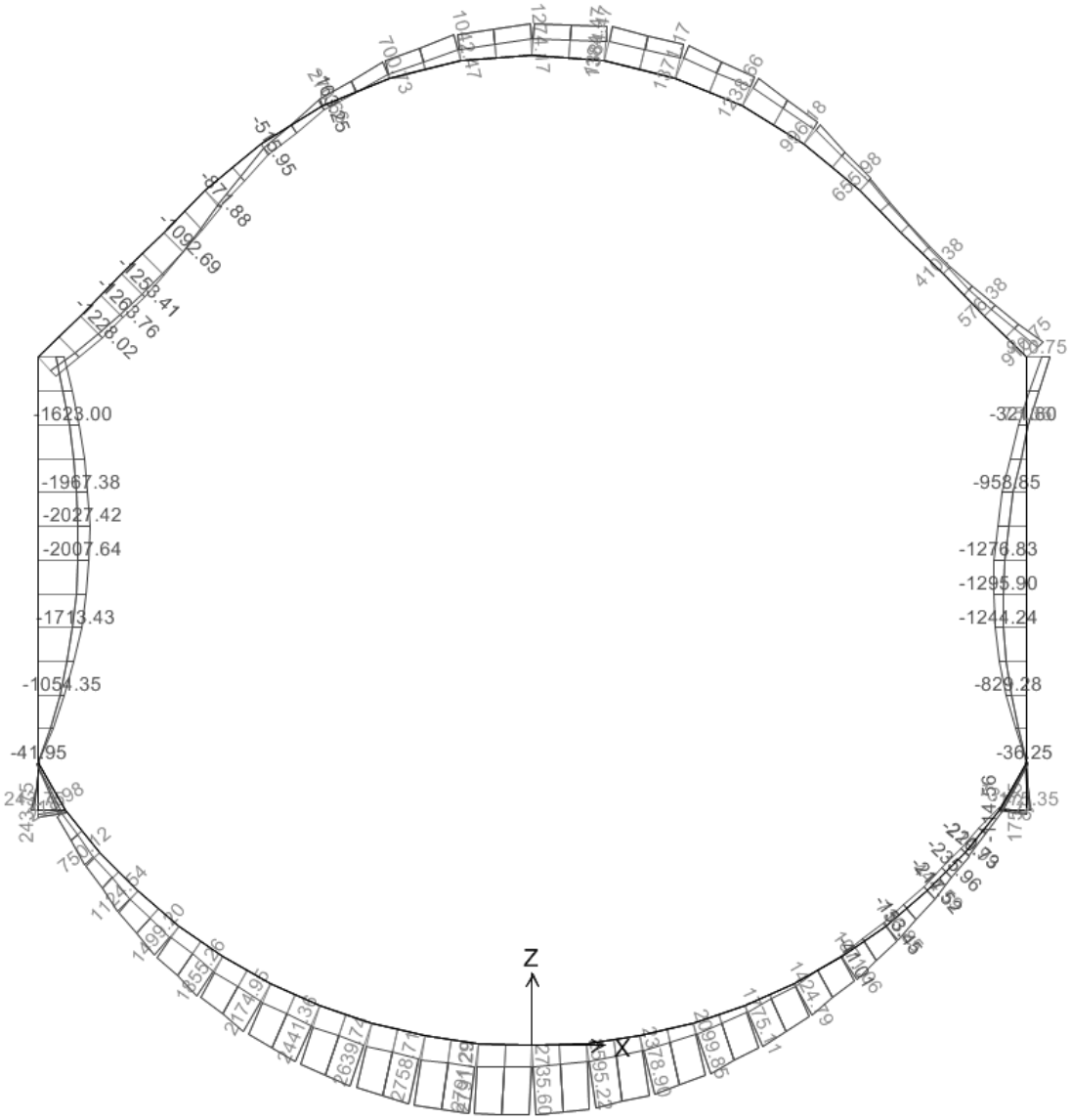


Figura 29: Momento flettente – Inviluppo SISMA SLV

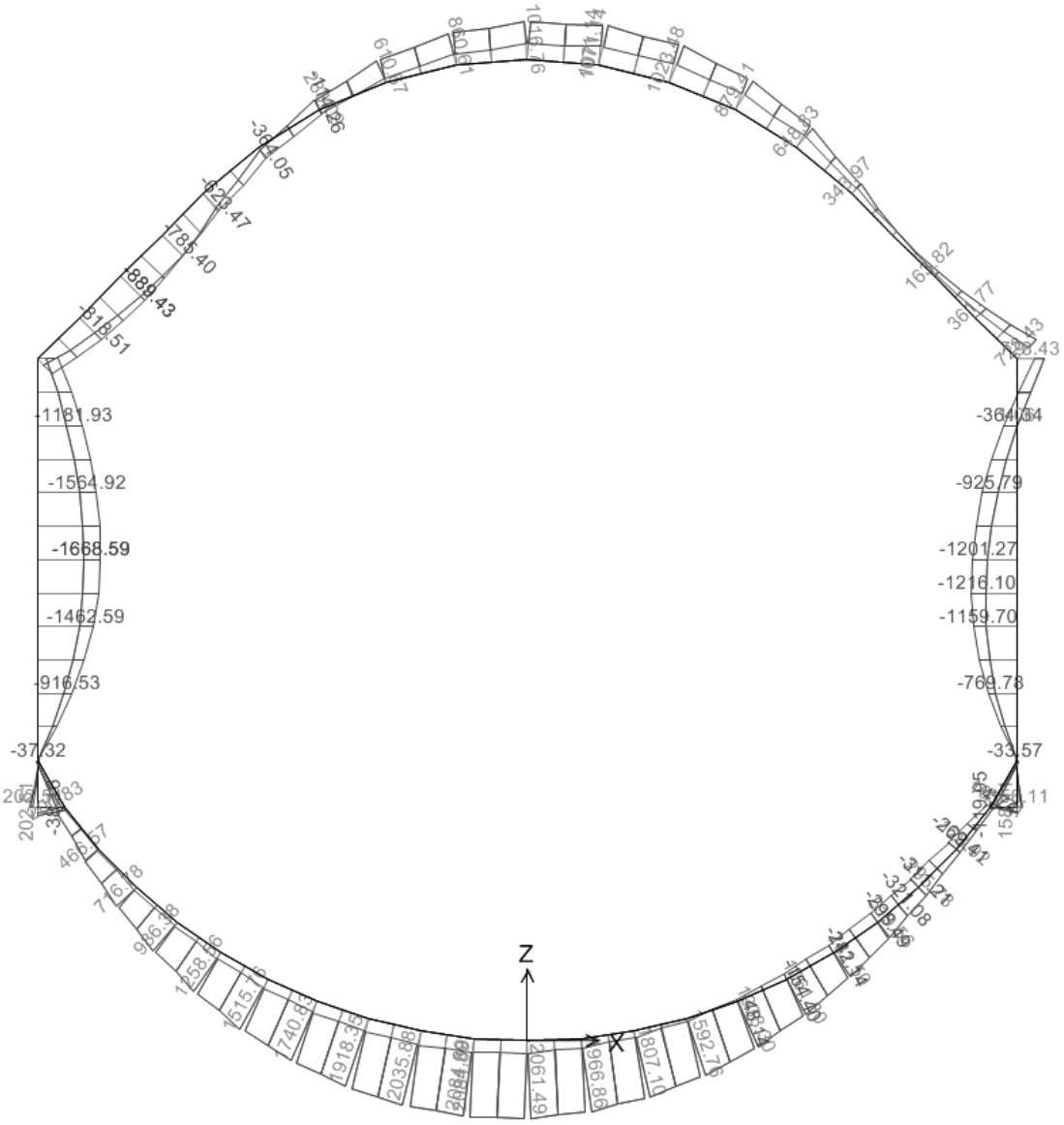


Figura 30: Momento flettente – Inviluppo SISMA SLD

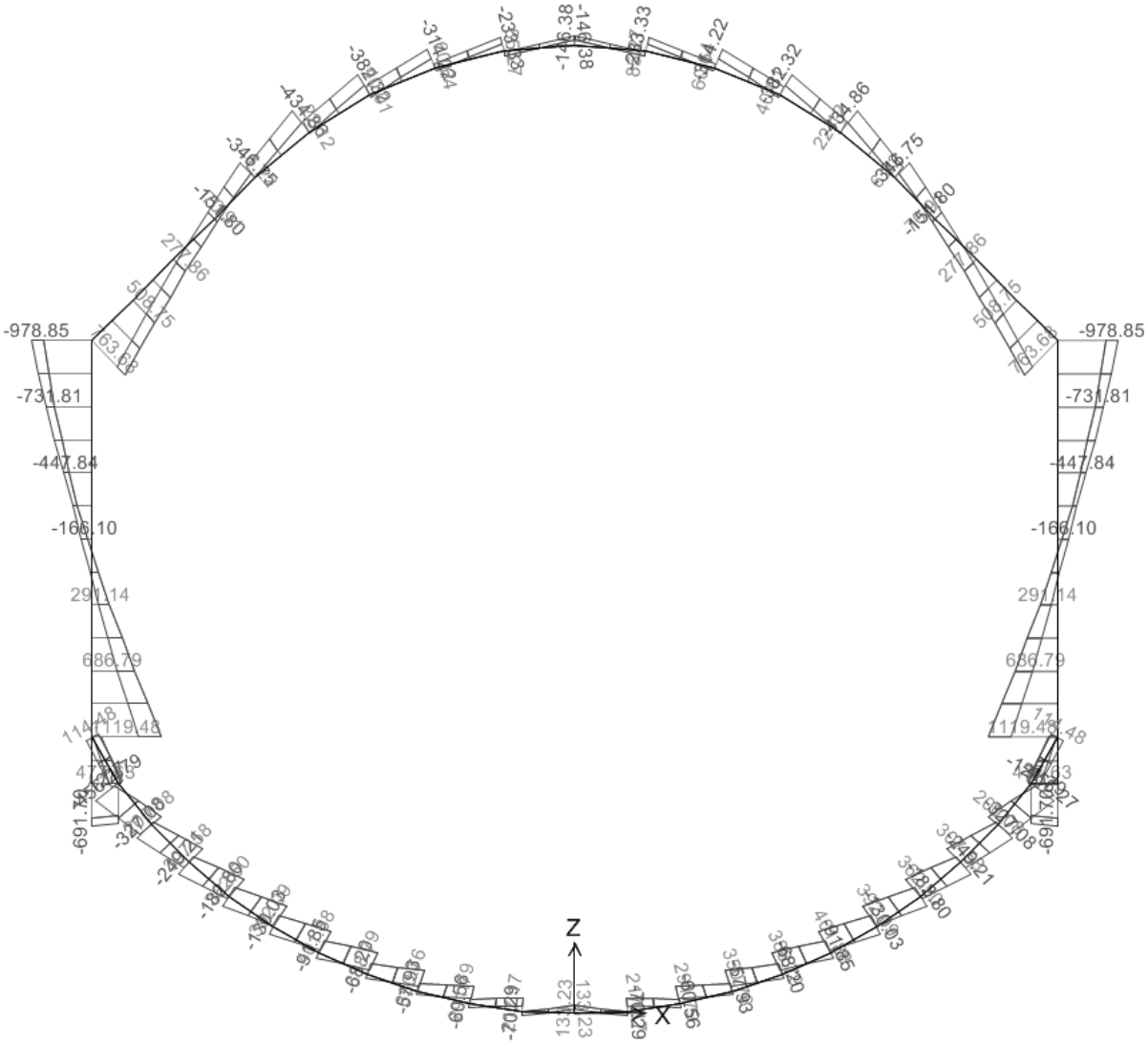


Figura 31: Azione di taglio – Inviluppo SLU

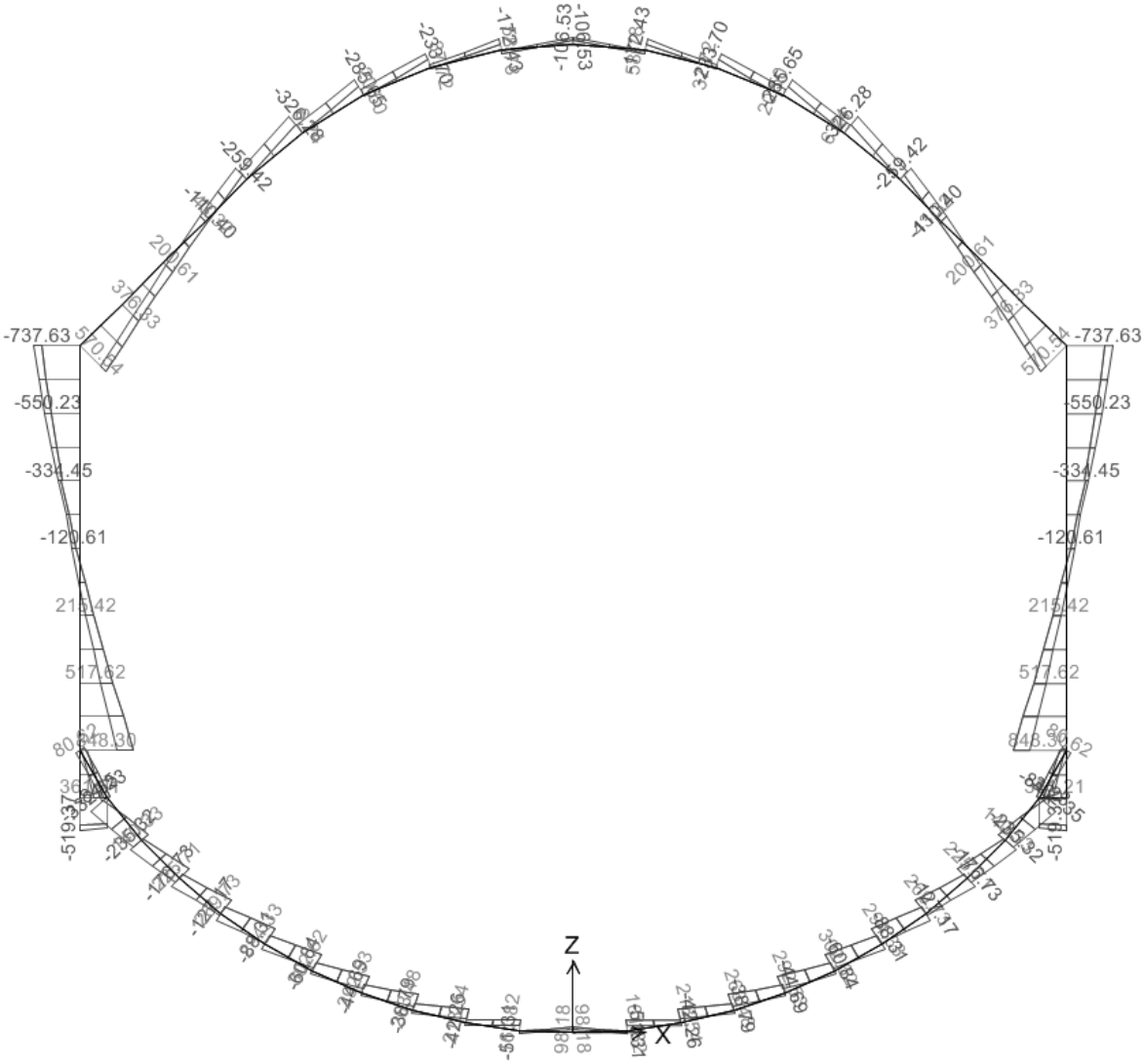


Figura 32: Azione di taglio – Inviluppo RARA

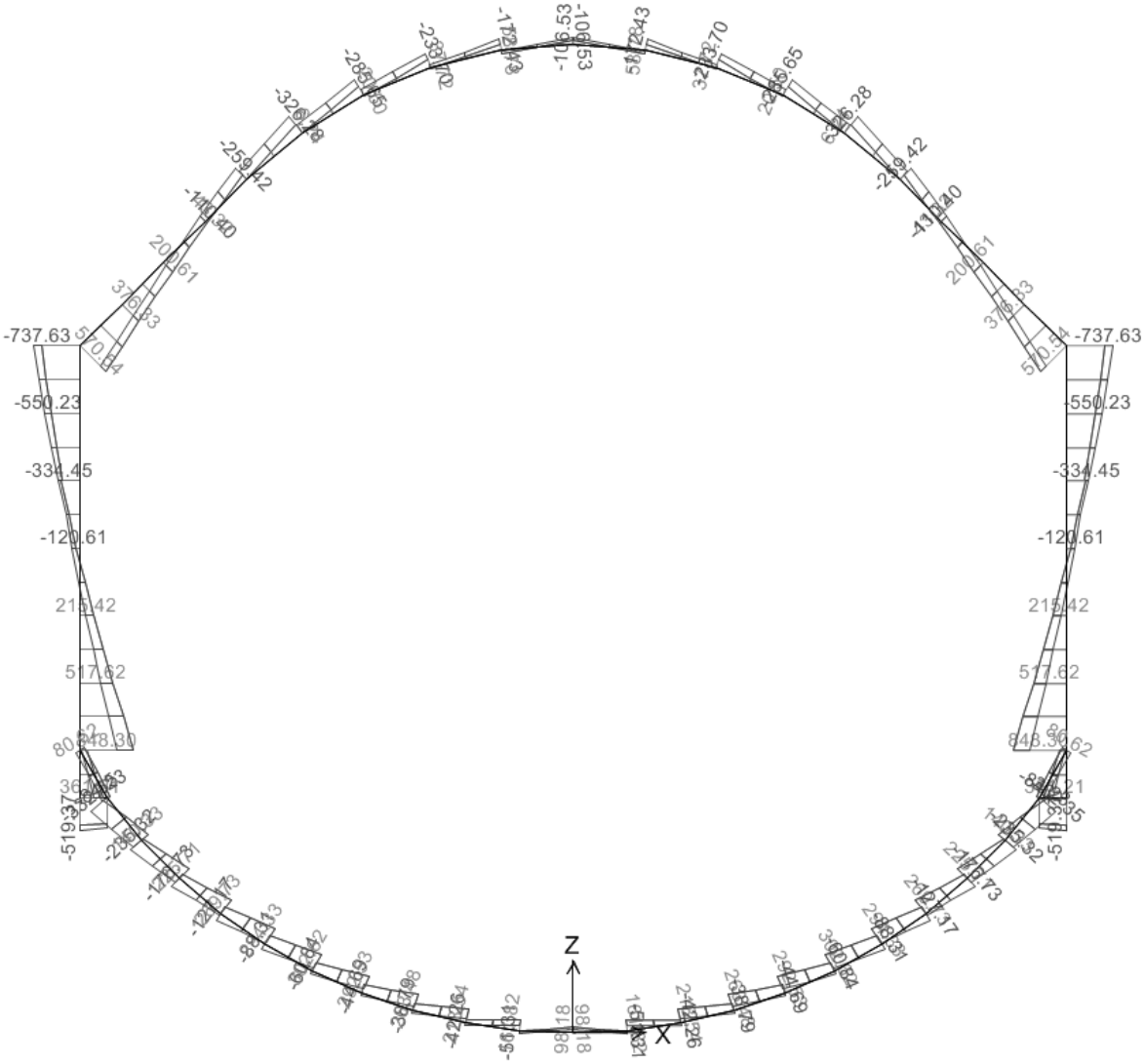


Figura 33: Azione di taglio – Inviluppo FREQUENTE

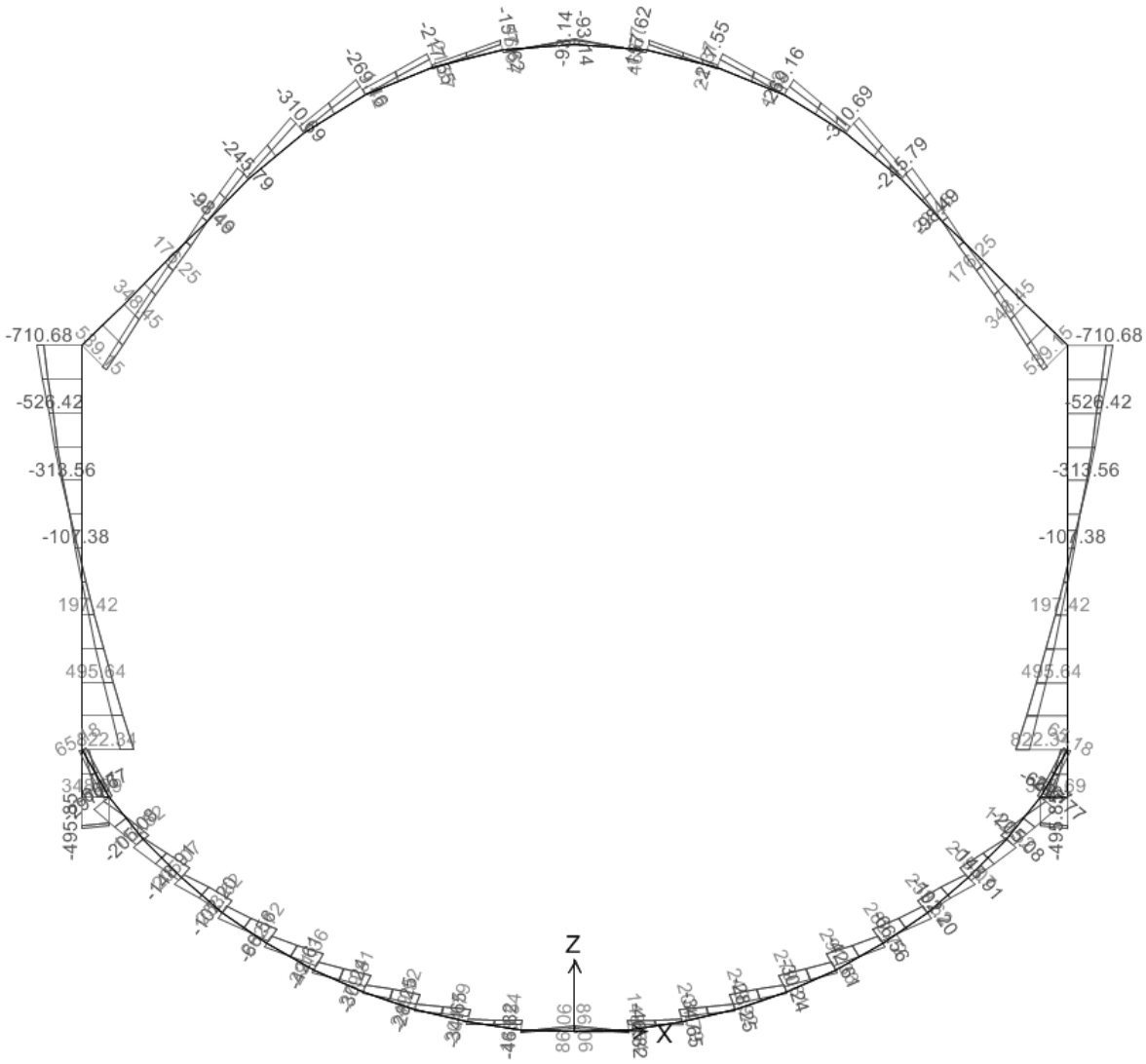


Figura 34: Azione di taglio – Inviluppo QUASI PERMANENTE

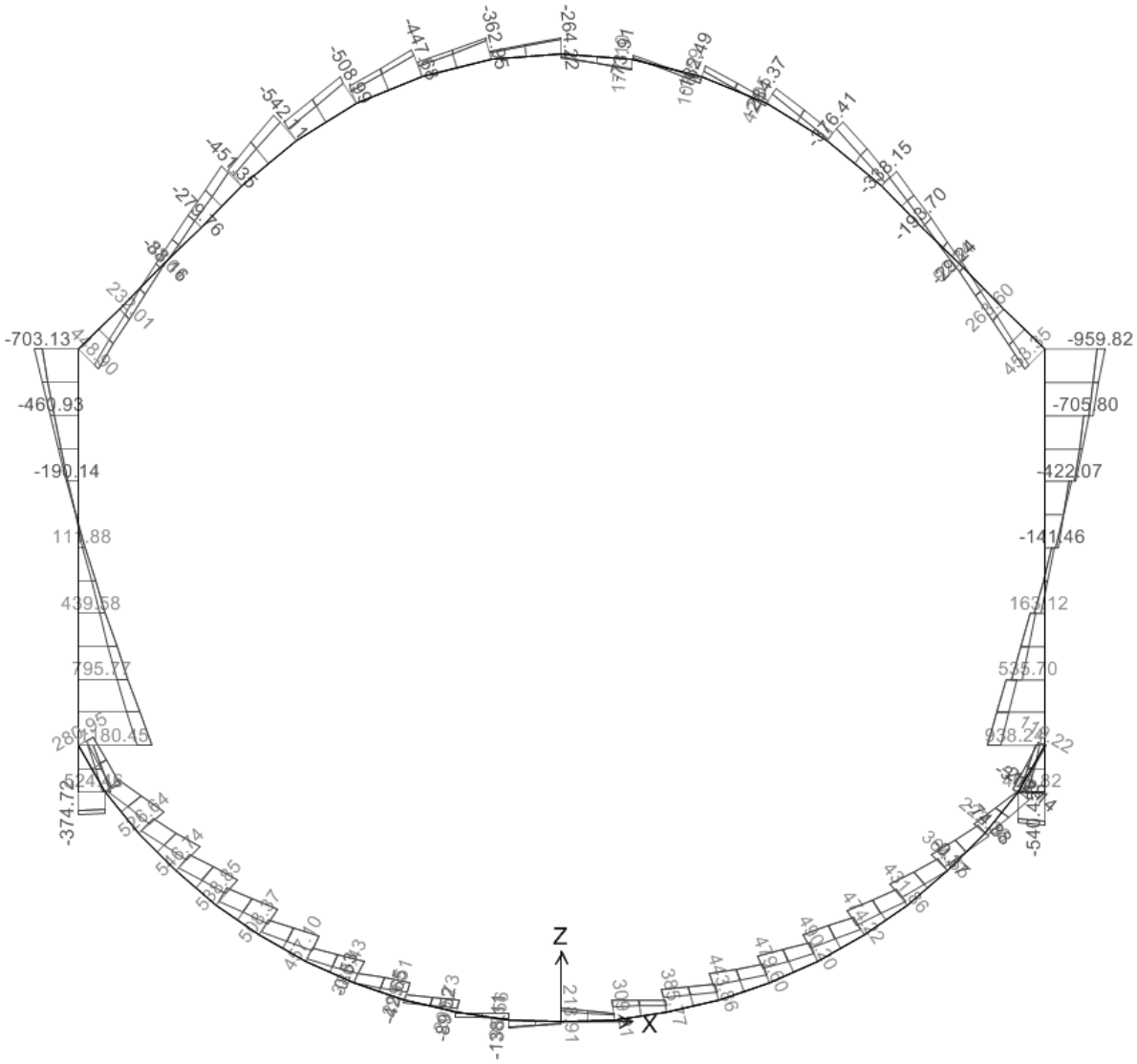


Figura 35: Azione di taglio – Inviluppo SISMA SLV

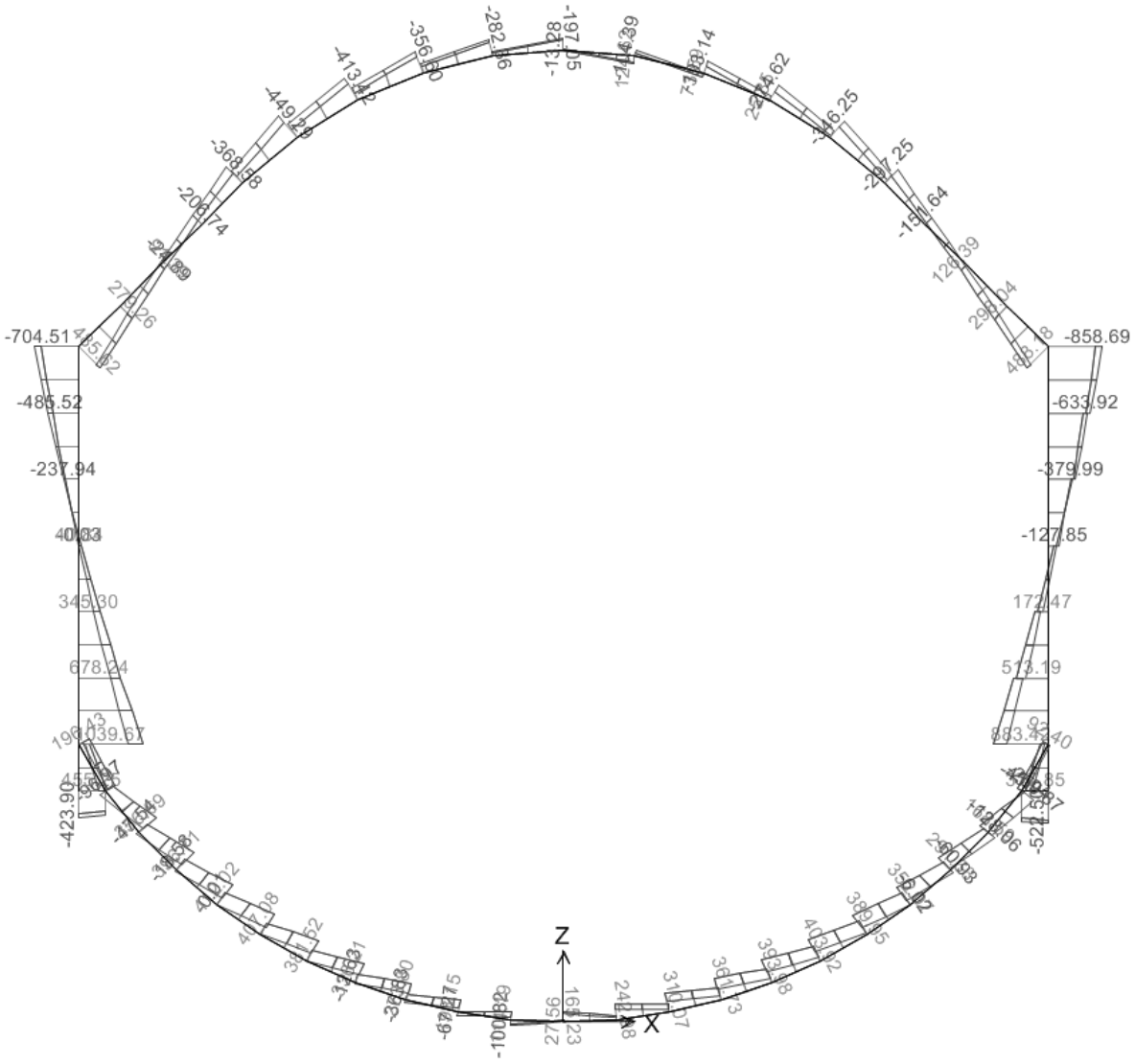


Figura 36: Azione di taglio – Inviluppo SISMA SLD

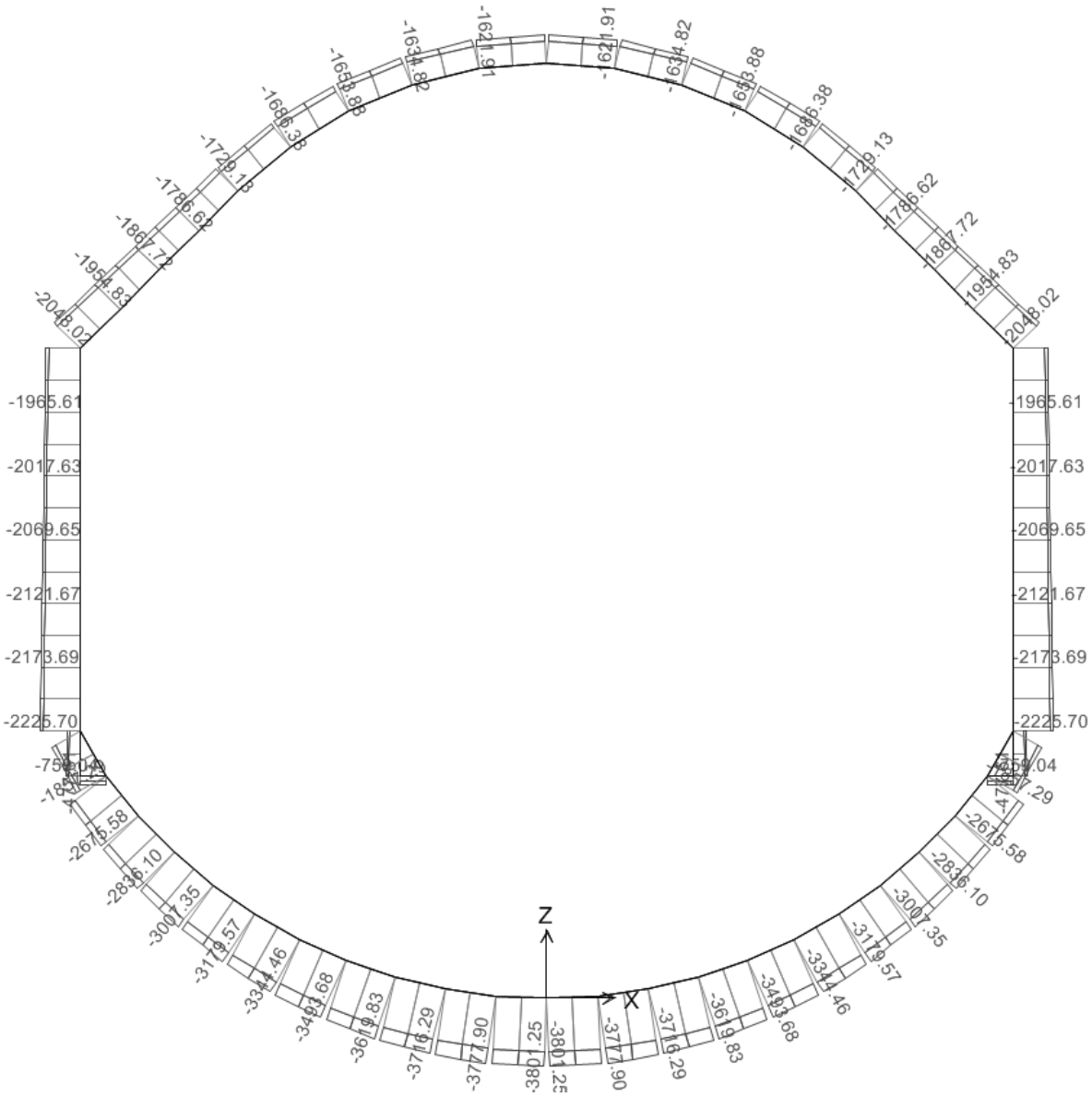


Figura 37: Azione assiale – Inviluppo SLU

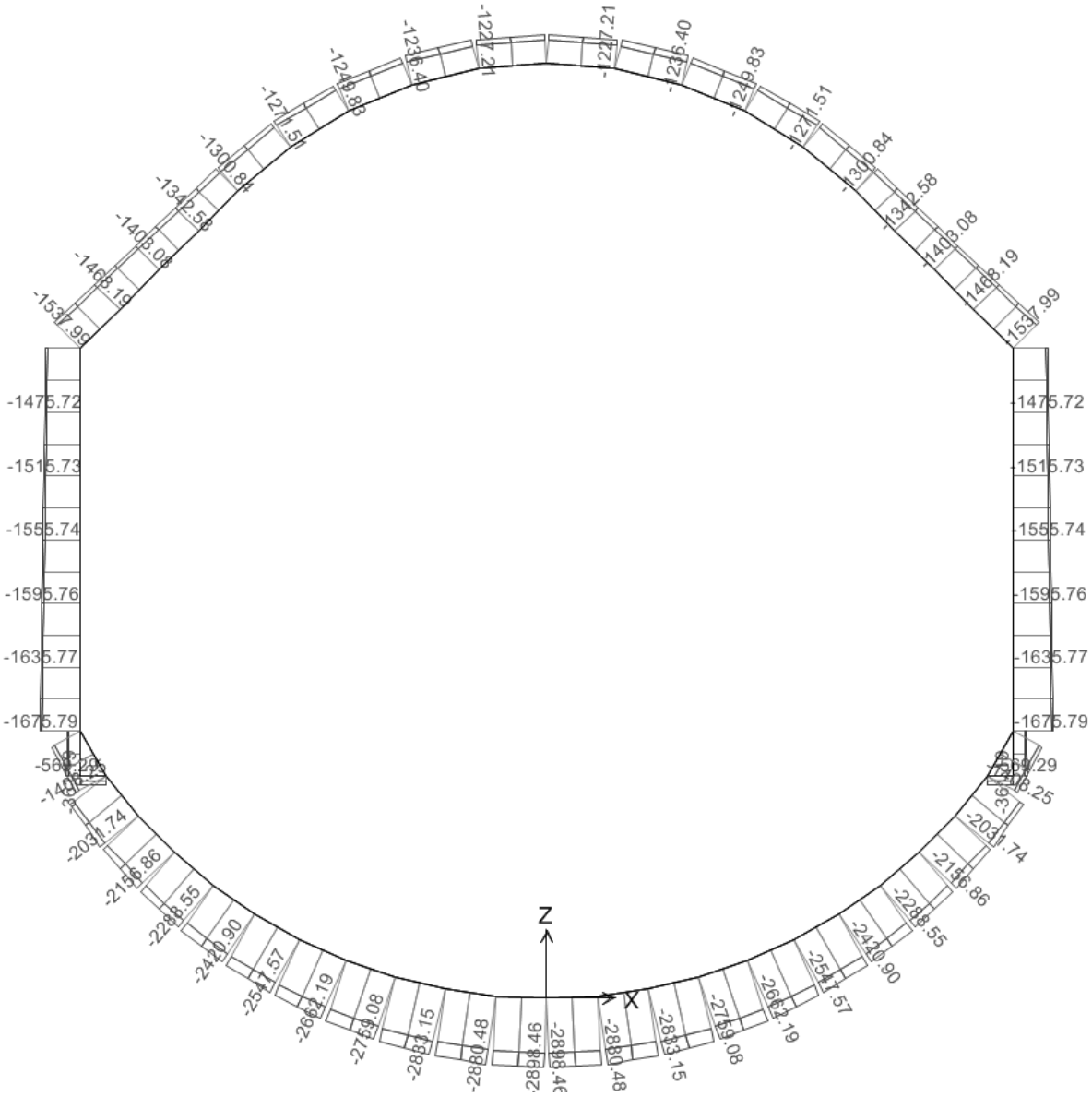


Figura 38: Azione assiale – Inviluppo RARA

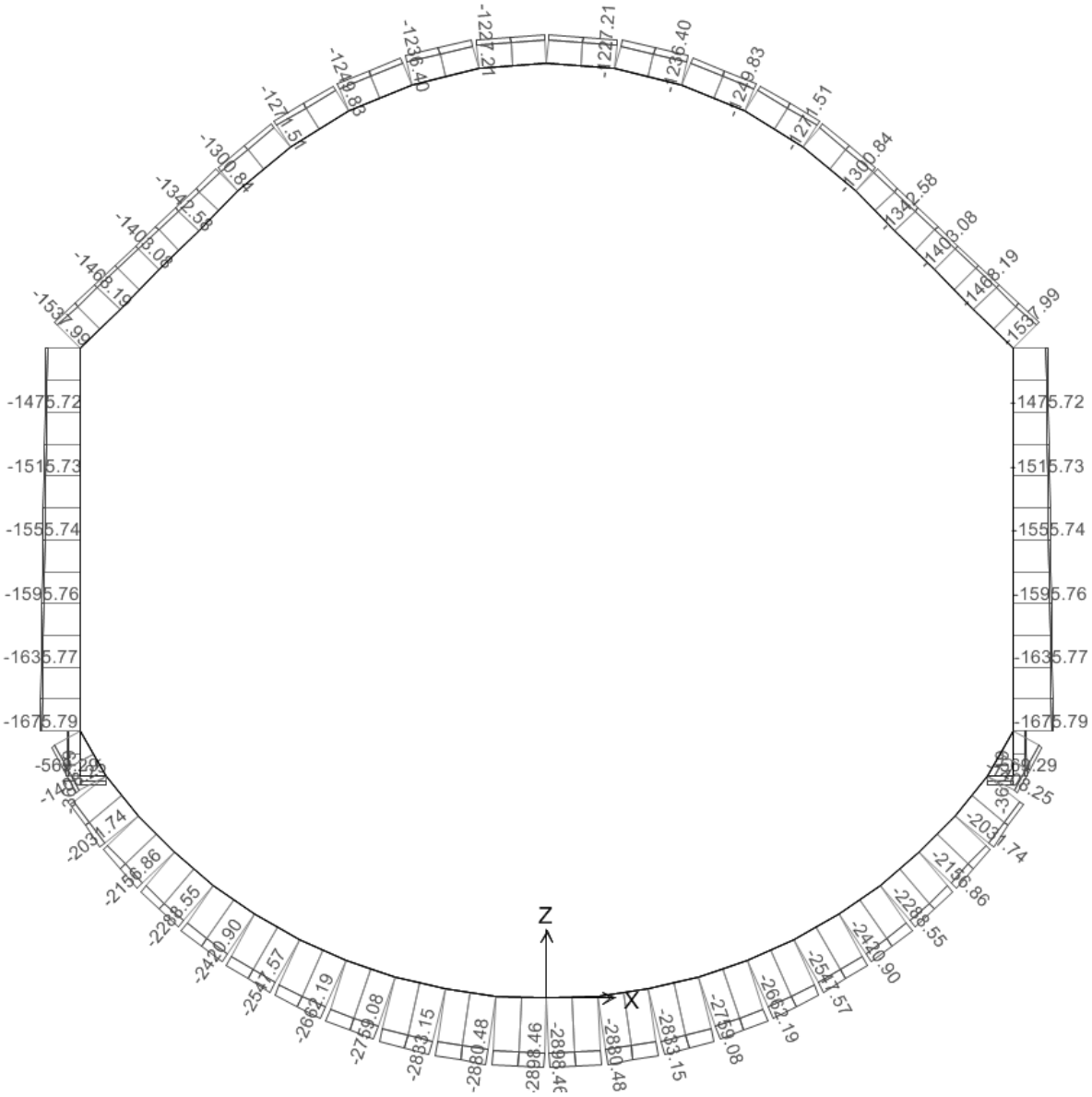


Figura 39: Azione assiale – Inviluppo FREQUENTE

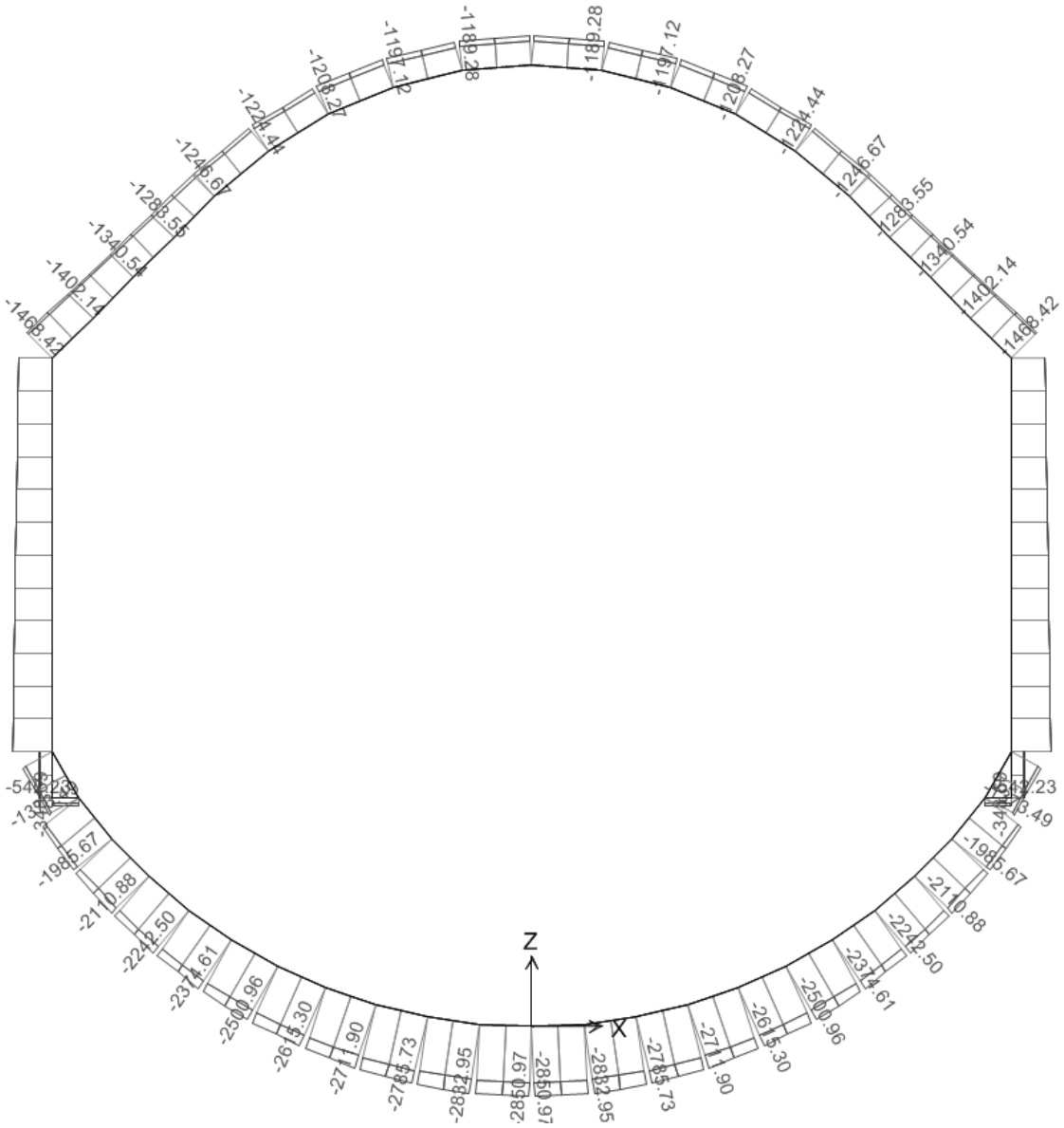


Figura 40: Azione assiale – Inviluppo QUASI PERMANENTE

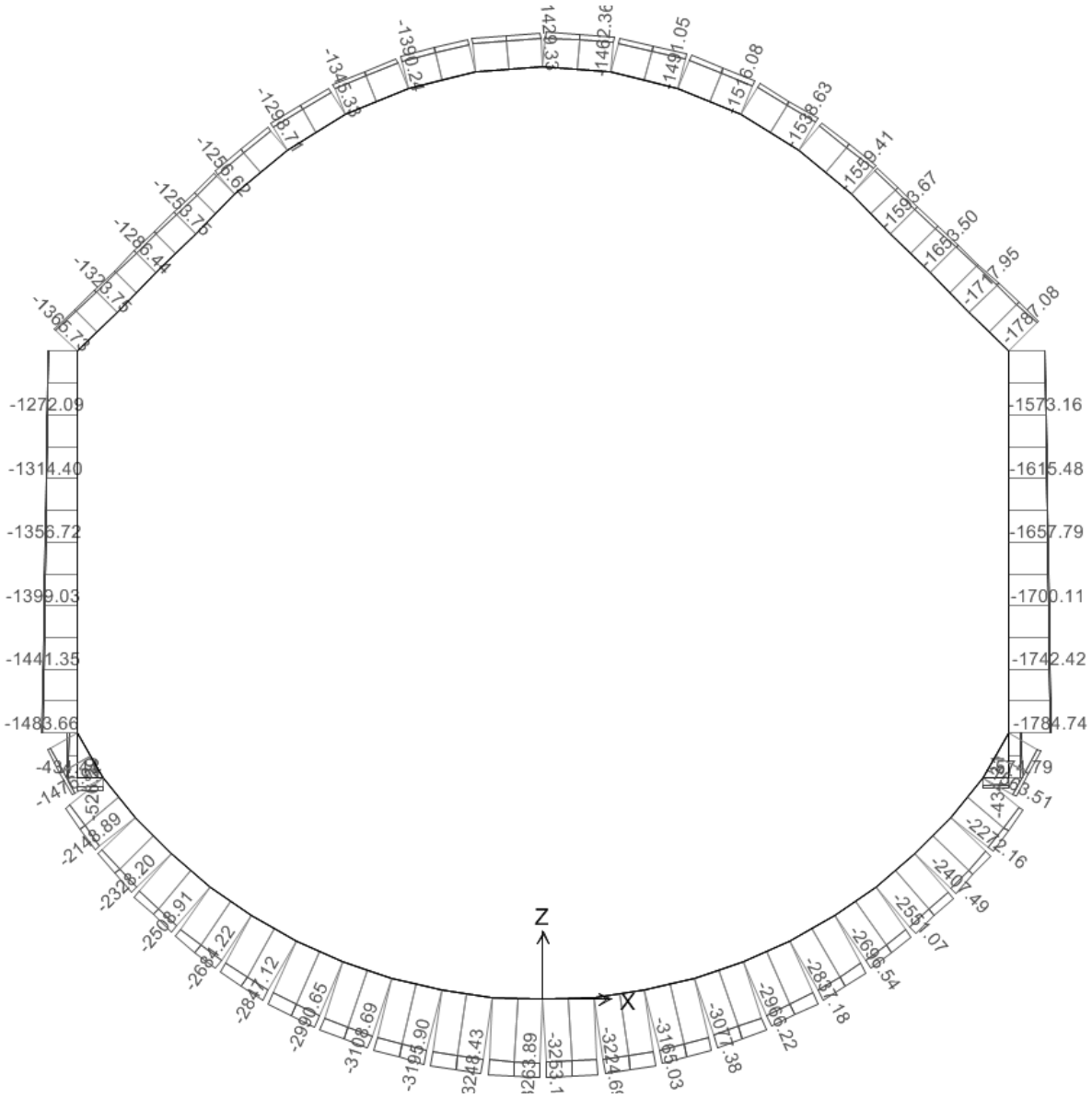


Figura 41: Azione assiale – Inviluppo SISMA SLV

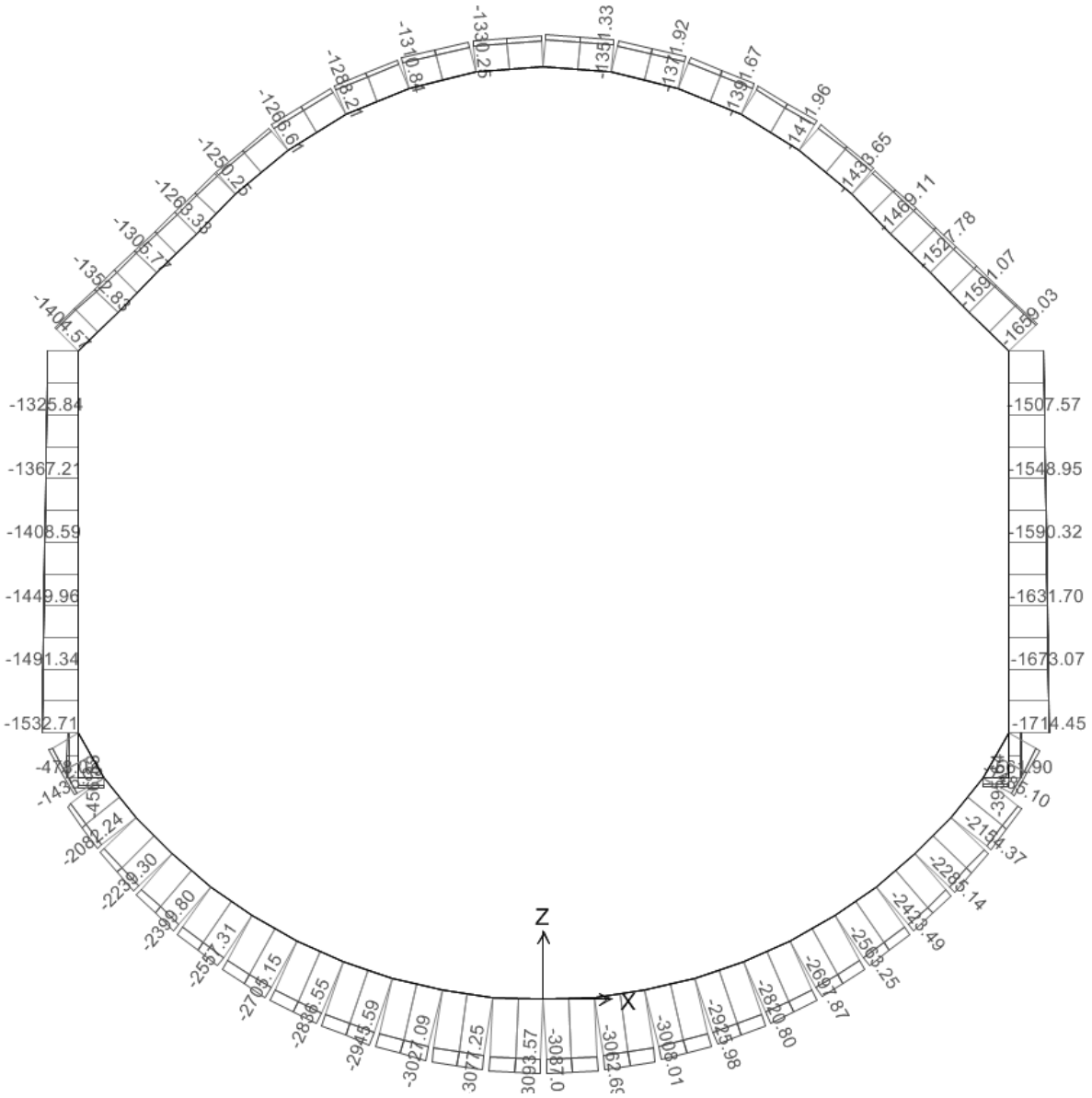
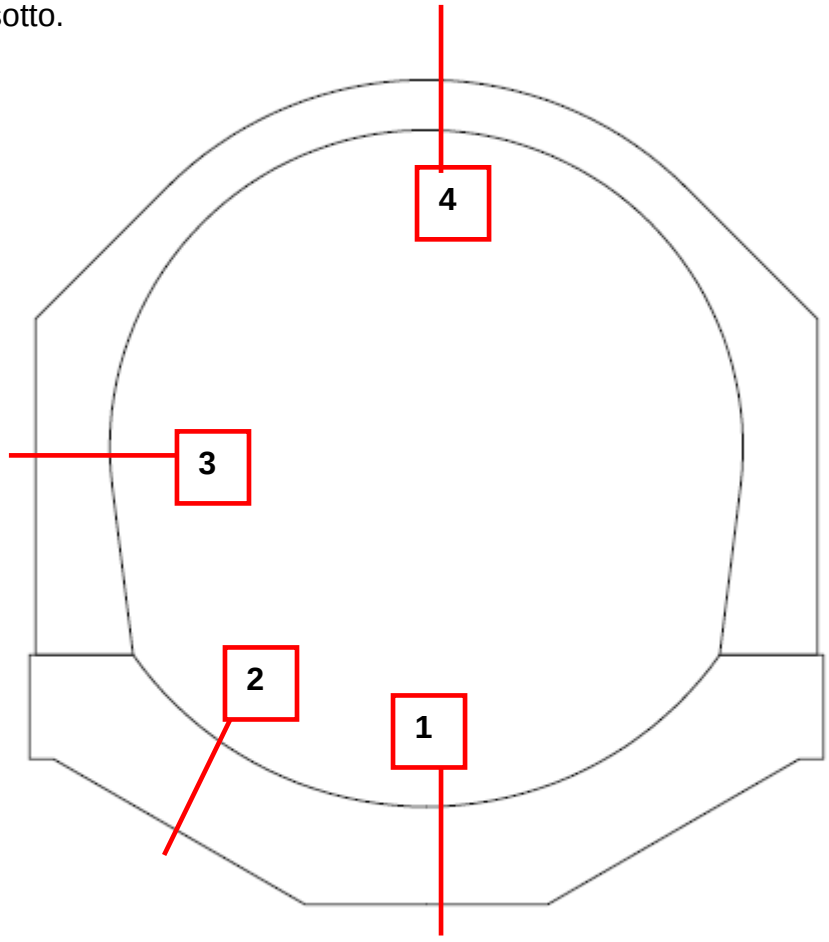


Figura 42: Azione assiale – Inviluppo SISMA SLD

11. VERIFICHE

L'armatura degli elementi strutturali è stata definita considerando le sollecitazioni più gravose sulla struttura, sia in combinazione statica sia in combinazione sismica.

Le sezioni considerate per il progetto della struttura sono presentate nel disegno sotto.



Nella tabella sottostante vengono presentate le dimensioni geometriche principali delle sei sezioni prese di verifica.

	b [m]	h [m]
SEZ 1	1	1.2
SEZ 2	1	1.2
SEZ 3	1	1.5
SEZ 4	1	1

11.1. SEZIONE 1-1

La verifica è stata eseguita considerando una sezione in c.a. con base 100 cm e altezza 120 cm. L'armatura è costituita da barre φ26/10 + φ26/20 all'intradosso e da barre φ26/10 all'estradosso. L'armatura a taglio è costituita da spilli φ14/40x40.

11.1.1. Senza falda

Calcestruzzo				
Classe	=	C32/40		
R_{ck}	≥	40	MPa	Valore caratteristico resistenza cubica
f_{ck}	=	33.2	MPa	Valore caratteristico resistenza cilindrica
f_{cm}	=	41.2	MPa	Valore medio resistenza cilindrica
f_{ctm}	=	3.10	MPa	Valore medio resistenza a trazione semplice
f_{cfm}	=	3.72	MPa	Valore medio resistenza a trazione per flessione
ν	=	0.2		Coefficiente di Poisson
E_{cm}	=	33643	MPa	Modulo elastico
γ_c	=	1.5		Coefficiente parziale di sicurezza
α_{cc}	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
f_{cd}	=	18.81	MPa	Resistenza di calcolo a compressione
f_{ctd}	=	1.45	MPa	Resistenza di calcolo a trazione
ε_{cu}	=	0.0035		Deformazione a rottura per il calcestruzzo
ε_{c0}	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo
Valori per studio alle tensioni ammissibili:				
n	=	15		Coefficiente di omogeneizzazione
Acciaio per c.a.				
Tipo	=	**B 450 C**		
$f_{yk\ nom}$	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
$f_{tk\ nom}$	=	540	MPa	Valore nominale della tensione caratteristica di rottura
γ_s	=	1.15		Coefficiente parziale di sicurezza
E_s	=	210000	MPa	Modulo elastico
f_{yd}	=	391.3	MPa	Resistenza di calcolo
ε_{su}	=	0.01		Deformazione a rottura per l'acciaio
Tensioni ammissibili				
$\sigma_{c\ amm}$	=	12.25	MPa	tensione ammissibile del cls a compressione
τ_{c0}	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
τ_{c1}	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
$\sigma_{s\ amm}$	=	255	MPa	tensione ammissibile dall'acciaio
τ_b	=	2.20	MPa	tensione tangenziale di aderenza delle barre
Caratteristiche geometriche				
Sezione di cls				
B	=	100	cm	base

H	=	120	cm	altezza
A cls	=	12000	cmq	area di cls

Sistema di armatura per sollecitazioni M_X-V_Y

Armatura longitudinale inferiore (per sollecitazione $M_{X\ positiva}$)

d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	10.00	cm	interasse ferri prima fila
As1	=	53.09	cmq	area acciaio ferri prima fila
As	=	53.09	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione $M_{X\ positiva}$)

d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	10.00	cm	interasse ferri prima fila
As'1	=	53.09	cmq	area acciaio ferri prima fila
d2	=	26	mm	diametro ferri seconda fila
c2	=	20.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As'2	=	26.55	cmq	area acciaio ferri seconda fila
As'	=	79.64	cmq	area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione V_Y)

θ	=	25	°	Inclinazione della biella di cls (standard: 45°)

Asw 1° ordine:

α	=	90	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	2.5		
φ1	=	14	mm	Diametro staffe primo ordine
s	=	400	mm	Passo delle staffe

Sezione ideale interamente reagente omogeneizzata a cls

A_i	=	13991	cmq	area
$S^*_{i\ sup}$	=	854869	cmc	momento statico superiore
$y_{gi\ sup}$	=	61.10	cm	posizione del baricentro rispetto alla fibra superiore
J_i	=	19403035	cm^4	momento d'inerzia
$W_{i\ sup}$	=	317554	cmc	momento resistente superiore
$W_{i\ inf}$	=	329431	cmc	momento resistente inferiore

Caratteristiche di esposizione e parametri per verifiche S.L.E.

Classe	=	XF3		classe di esposizione del sito

Condizioni ambientali: Aggressive

Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

w_d - Frequente	≤	0.3	mm	apertura limite delle fessure per le combinazioni Frequente
w_d - Q.P.	≤	0.2	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σ_c Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σ_c Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σ_s	≤	360.0	MPa	tensione limite per l'acciaio di armatura
beta	=	1.7	-	
beta 1	=	1.0	-	
beta 2	=	0.5	-	1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4	-	0,4 barre ad aderenza migliorata

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

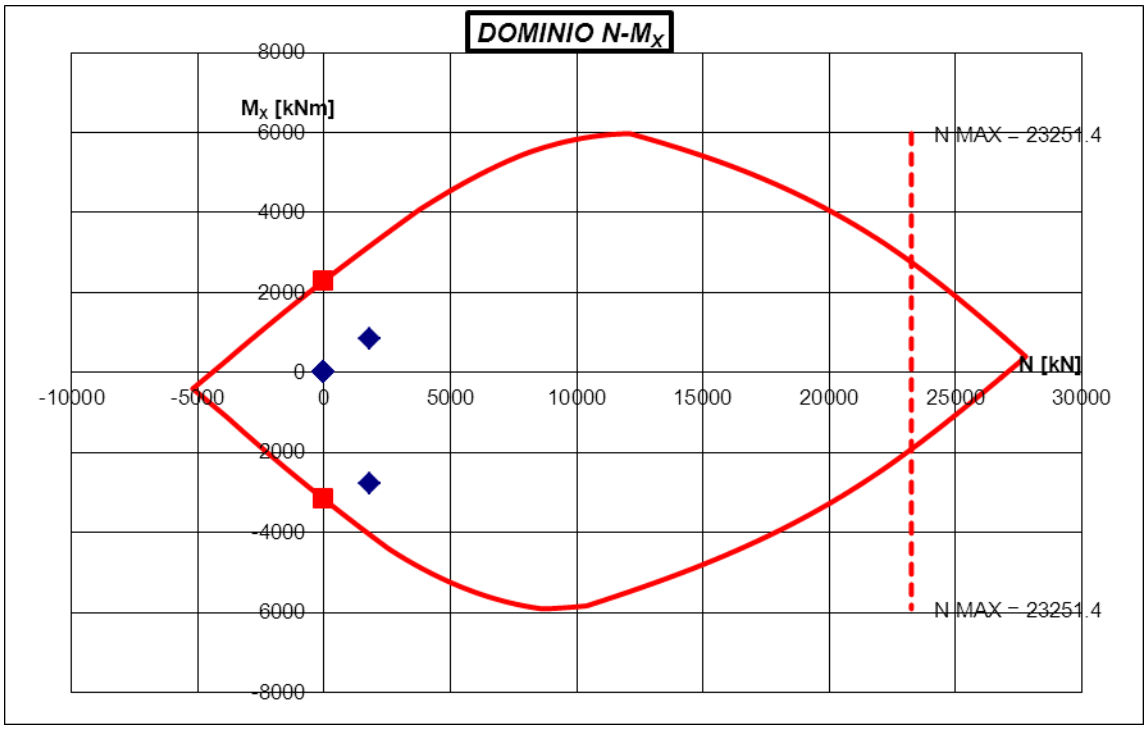
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\,Y}$	=	660	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\,Y}$	=	724	kN	Risorsa resistente a taglio della sezione
SF	=	1.10	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	1800.0	-2771.0	660.0	**1.46**
2	SISMA SLV	1800.0	850.0	390.0	**3.72**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	1450.0	-2030.0	9.46	-	-120.1	-120.1	194.5	152.7	0.125	-1362.65	NO	-	-
FREQ	1450.0	-2030.0	9.46	-	-	-	-	-	0.125	-1362.65	NO	*0.300*	0.243
QP	1450.0	-1840.0	8.64	-	-110.2	-110.2	169.1	132.0	0.125	-1362.65	NO	*0.200*	0.200

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

11.1.2. Con falda

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

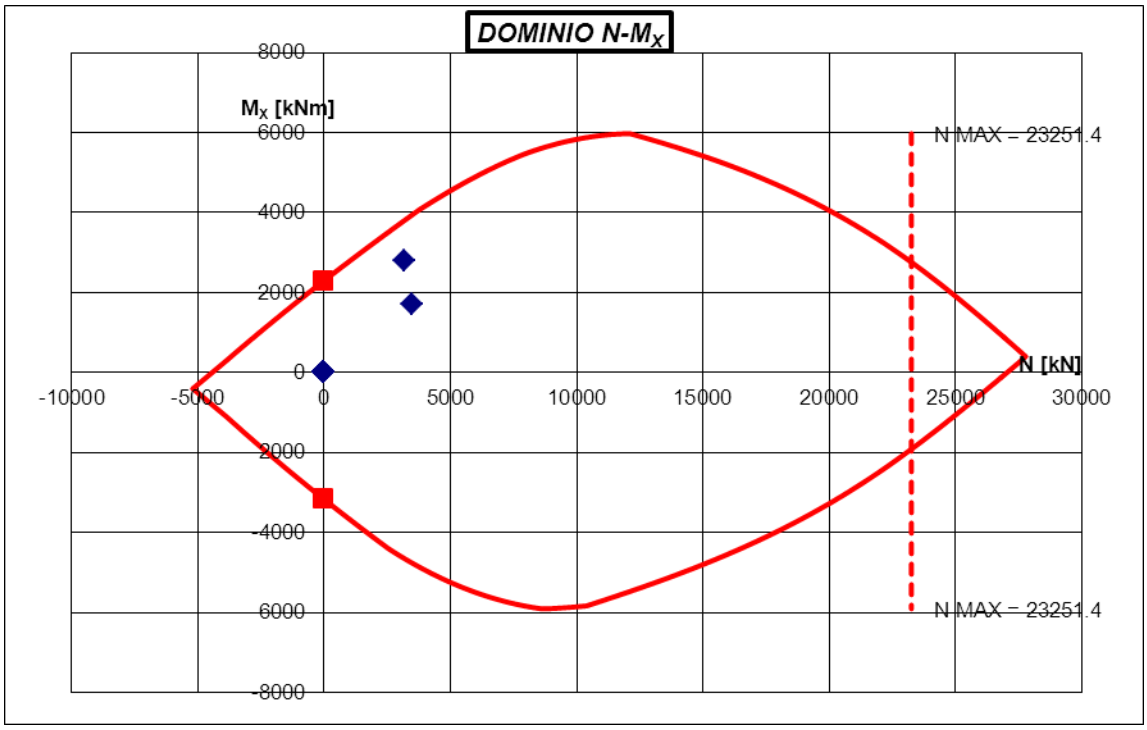
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\,Y}$	=	600	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\,Y}$	=	724	kN	Risorsa resistente a taglio della sezione
SF	=	1.21	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	3500.0	1720.0	500.0	**2.30**
2	SISMA SLV	3200.0	2800.0	600.0	**1.36**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	2800.0	1280.0	6.37	-	46.8	46.8	-68.6	-86.3	0.125	1619.94	SI	-	-
FREQ	2800.0	1280.0	6.37	-	-	-	-	-	0.125	1619.94	SI	*0.300*	OK
QP	2700.0	1200.0	5.98	-	41.1	41.1	-65.0	-81.2	0.125	1597.24	SI	*0.200*	OK

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

11.2. SEZIONE 2-2

La verifica è stata eseguita considerando una sezione in c.a. con base 100 cm e altezza 120 cm. L'armatura è costituita da barre φ26/10 all'intradosso e da barre φ26/10 all'estradosso. L'armatura a taglio è costituita da spilli φ14/40x40.

11.2.1. Senza falda

Calcestruzzo				
Classe	=	C32/40		
R_{ck}	≥	40	MPa	Valore caratteristico resistenza cubica
f_{ck}	=	33.2	MPa	Valore caratteristico resistenza cilindrica
f_{cm}	=	41.2	MPa	Valore medio resistenza cilindrica
f_{ctm}	=	3.10	MPa	Valore medio resistenza a trazione semplice
f_{cfm}	=	3.72	MPa	Valore medio resistenza a trazione per flessione
ν	=	0.2		Coefficiente di Poisson
E_{cm}	=	33643	MPa	Modulo elastico
γ_c	=	1.5		Coefficiente parziale di sicurezza
α_{cc}	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
f_{cd}	=	18.81	MPa	Resistenza di calcolo a compressione
f_{ctd}	=	1.45	MPa	Resistenza di calcolo a trazione
ε_{cu}	=	0.0035		Deformazione a rottura per il calcestruzzo
ε_{c0}	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo
Valori per studio alle tensioni ammissibili:				
n	=	15		Coefficiente di omogeneizzazione
Acciaio per c.a.				
Tipo	=	**B 450 C**		
$f_{yk\ nom}$	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
$f_{tk\ nom}$	=	540	MPa	Valore nominale della tensione caratteristica di rottura
γ_s	=	1.15		Coefficiente parziale di sicurezza
E_s	=	210000	MPa	Modulo elastico
f_{yd}	=	391.3	MPa	Resistenza di calcolo
ε_{su}	=	0.01		Deformazione a rottura per l'acciaio
Tensioni ammissibili				
$\sigma_{c\ amm}$	=	12.25	MPa	tensione ammissibile del cls a compressione
τ_{c0}	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
τ_{c1}	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
$\sigma_{s\ amm}$	=	255	MPa	tensione ammissibile dall'acciaio
τ_b	=	2.20	MPa	tensione tangenziale di aderenza delle barre
Caratteristiche geometriche				
Sezione di cls				
B	=	100	cm	base
H	=	120	cm	altezza
A cls	=	12000	cmq	area di cls

Sistema di armatura per sollecitazioni M_X-V_Y

Armatura longitudinale inferiore (per sollecitazione $M_{X\ positiva}$)

d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	10.00	cm	interasse ferri prima fila
As1	=	53.09	cmq	area acciaio ferri prima fila
As	=	53.09	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione $M_{X\ positiva}$)

d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	10.00	cm	interasse ferri prima fila
As'1	=	53.09	cmq	area acciaio ferri prima fila
As'	=	53.09	cmq	area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione V_Y)

θ	=	25	°	Inclinazione della biella di cls (standard: 45°)

Asw 1° ordine:

α	=	90	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	2.5		
φ1	=	14	mm	Diametro staffe primo ordine
s	=	400	mm	Passo delle staffe

Sezione ideale interamente reagente omogeneizzata a cls

A_i	=	13593	cmq	area
$S^*_{i\ sup}$	=	815567	cmc	momento statico superiore
$y_{gi\ sup}$	=	60.00	cm	posizione del baricentro rispetto alla fibra superiore
J_i	=	18823633	cm^4	momento d'inerzia
$W_{i\ sup}$	=	313727	cmc	momento resistente superiore
$W_{i\ inf}$	=	313727	cmc	momento resistente inferiore

Caratteristiche di esposizione e parametri per verifiche S.L.E.

Classe = XF3 classe di esposizione del sito

Condizioni ambientali: Aggressive

Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

w_d - Frequente	≤	0.3	mm	apertura limite delle fessure per le combinazioni Frequente
w_d - Q.P.	≤	0.2	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σ_c Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σ_c Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σ_s	≤	360.0	MPa	tensione limite per l'acciaio di armatura
beta	=	1.7	-	
beta 1	=	1.0	-	
beta 2	=	0.5	-	1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4	-	0,4 barre ad aderenza migliorata

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

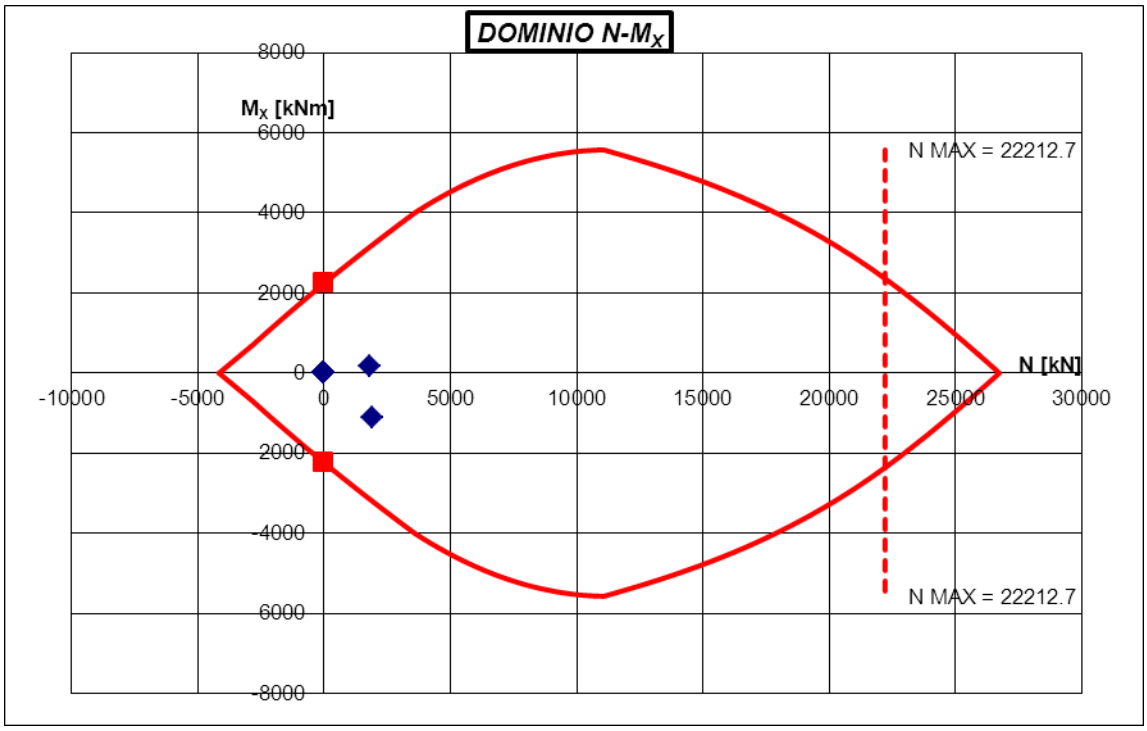
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\ Y}$	=	530	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\ Y}$	=	724	kN	Risorsa resistente a taglio della sezione
SF	=	1.37	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	1890.0	-1120.0	530.0	**2.85**
2	SISMA SLV	1800.0	180.0	350.0	**12.34**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	1450.0	-830.0	4.31	-	-57.4	-57.4	47.6	47.6	0.125	-1307.22	SI	-	-
FREQ	1450.0	-830.0	4.31	-	-	-	-	-	0.125	-1307.22	SI	*0.300*	OK
QP	1450.0	-770.0	4.01	-	-53.8	-53.8	39.1	39.1	0.125	-1307.22	SI	*0.200*	OK

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

11.2.2. Con falda

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

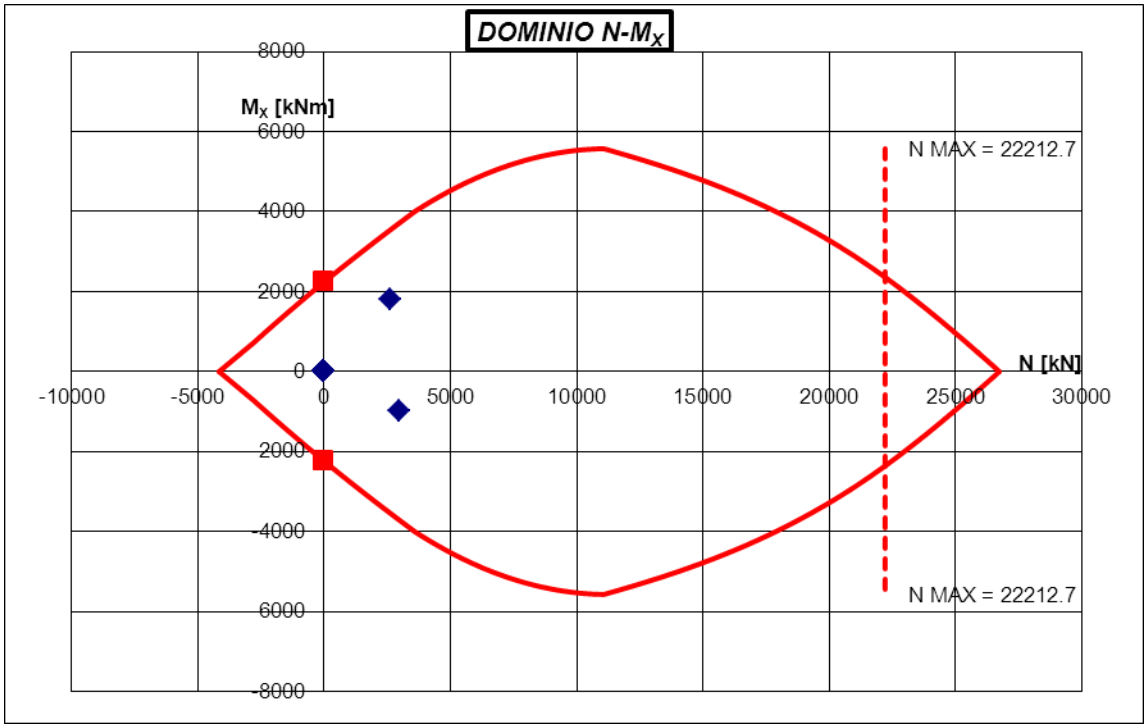
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\,Y}$	=	600	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\,Y}$	=	724	kN	Risorsa resistente a taglio della sezione
SF	=	1.21	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	3000.0	-980.0	500.0	**3.80**
2	SISMA SLV	2600.0	1800.0	600.0	**1.96**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	2000.0	-650.0	3.63	-	-50.4	-50.4	8.3	8.3	0.125	-1434.16	SI	-	-
FREQ	2000.0	-650.0	3.63	-	-	-	-	-	0.125	-1434.16	SI	*0.300*	OK
QP	2000.0	-460.0	0.01	2.94	-41.4	-41.4	-2.8	-2.8	0.125	-1434.16	SI	*0.200*	OK

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

11.3. SEZIONE 3-3

La verifica è stata eseguita considerando una sezione in c.a. con base 100 cm e altezza 150 cm. L'armatura è costituita da barre φ26/20 all'intradosso e da barre φ26/20 all'estradosso. L'armatura a taglio è costituita da spilli φ14/30x40 con infittimento degli spilli ala base del piedritto φ14/30x40.

11.3.1. Senza falda

Calcestruzzo				
Classe	=	C32/40		
R_{ck}	≥	40	MPa	Valore caratteristico resistenza cubica
f_{ck}	=	33.2	MPa	Valore caratteristico resistenza cilindrica
f_{cm}	=	41.2	MPa	Valore medio resistenza cilindrica
f_{ctm}	=	3.10	MPa	Valore medio resistenza a trazione semplice
f_{cfm}	=	3.72	MPa	Valore medio resistenza a trazione per flessione
ν	=	0.2		Coefficiente di Poisson
E_{cm}	=	33643	MPa	Modulo elastico
γ_c	=	1.5		Coefficiente parziale di sicurezza
α_{cc}	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
f_{cd}	=	18.81	MPa	Resistenza di calcolo a compressione
f_{ctd}	=	1.45	MPa	Resistenza di calcolo a trazione
ε_{cu}	=	0.0035		Deformazione a rottura per il calcestruzzo
ε_{c0}	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo
Valori per studio alle tensioni ammissibili:				
n	=	15		Coefficiente di omogeneizzazione
Acciaio per c.a.				
Tipo	=	**B 450 C**		
$f_{yk\ nom}$	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
$f_{tk\ nom}$	=	540	MPa	Valore nominale della tensione caratteristica di rottura
γ_s	=	1.15		Coefficiente parziale di sicurezza
E_s	=	210000	MPa	Modulo elastico
f_{yd}	=	391.3	MPa	Resistenza di calcolo
ε_{su}	=	0.01		Deformazione a rottura per l'acciaio
Tensioni ammissibili				
$\sigma_{c\ amm}$	=	12.25	MPa	tensione ammissibile del cls a compressione
τ_{c0}	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
τ_{c1}	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
$\sigma_{s\ amm}$	=	255	MPa	tensione ammissibile dall'acciaio
τ_b	=	2.20	MPa	tensione tangenziale di aderenza delle barre
Caratteristiche geometriche				
Sezione di cls				
B	=	100	cm	base
H	=	150	cm	altezza
A cls	=	15000	cmq	area di cls
Sistema di armatura per sollecitazioni M_X-V_Y				

Armatura longitudinale inferiore (per sollecitazione $M_{X\ positiva}$)				
d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	26.55	cmq	area acciaio ferri prima fila
As	=	26.55	cmq	area acciaio in zona tesa
Armatura longitudinale superiore (per sollecitazione $M_{X\ positiva}$)				
d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	26.55	cmq	area acciaio ferri prima fila
As'	=	26.55	cmq	area di acciaio in zona compressa
Armatura trasversale, staffe e/o ferri piegati (per sollecitazione V_Y)				
θ	=	30	°	Inclinazione della biella di cls (standard: 45°)
Asw 1° ordine:				
α	=	90	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	2.5		
φ1	=	14	mm	Diametro staffe primo ordine
s	=	300	mm	Passo delle staffe
Sezione ideale interamente reagente omogeneizzata a cls				
A_i	=	15796	cmq	area
$S^*_{i\ sup}$	=	1184730	cmc	momento statico superiore
$y_{gi\ sup}$	=	75.00	cm	posizione del baricentro rispetto alla fibra superiore
J_i	=	31775103	cm^4	momento d'inerzia
$W_{i\ sup}$	=	423668	cmc	momento resistente superiore
$W_{i\ inf}$	=	423668	cmc	momento resistente inferiore
Caratteristiche di esposizione e parametri per verifiche S.L.E.				
Classe	=	XF3		classe di esposizione del sito
Condizioni ambientali: Aggressive				
Armature poco sensibili alla corrosione.				
La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.				
La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.				
w_d - Frequente	≤	0.3	mm	apertura limite delle fessure per le combinazioni Frequente
w_d - Q.P.	≤	0.2	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σ_c Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σ_c Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σ_s	≤	360.0	MPa	tensione limite per l'acciaio di armatura
beta	=	1.7	-	
beta 1	=	1.0	-	
beta 2	=	0.5	-	1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4	-	0,4 barre ad aderenza migliorata

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

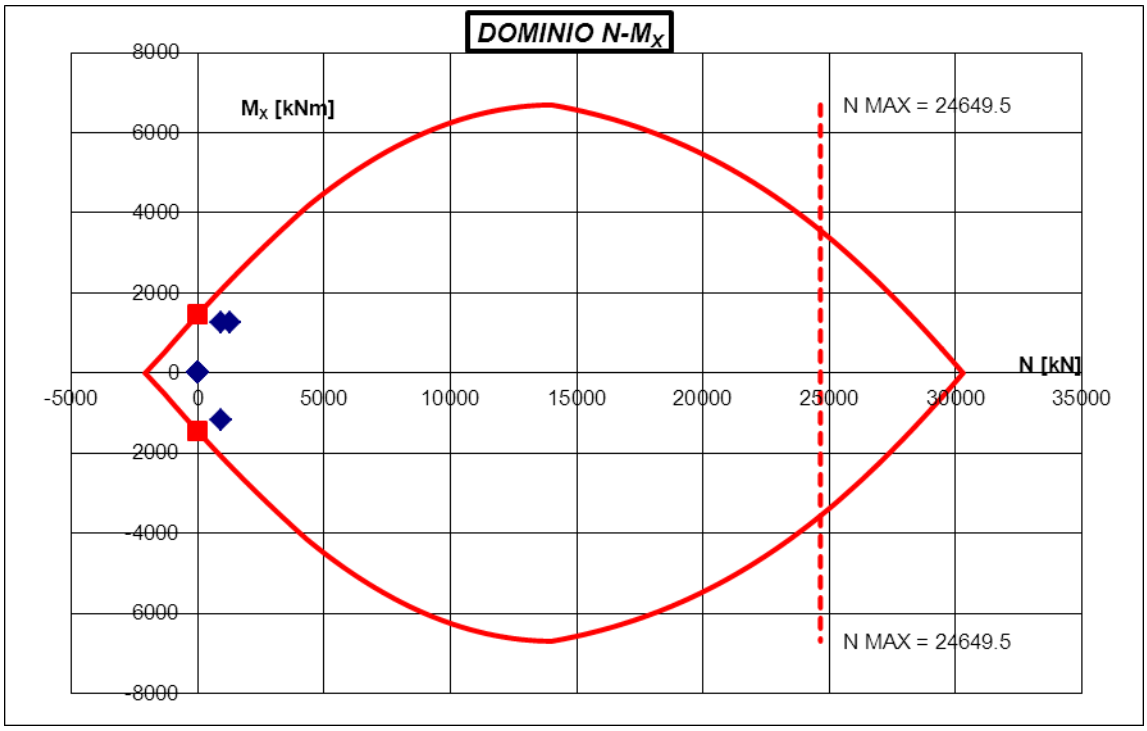
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\ Y}$	=	740	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\ Y}$	=	974	kN	Risorsa resistente a taglio della sezione
SF	=	1.32	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	1300.0	1250.0	740.0	**1.86**
2	SISMA SLV	920.0	-1190.0	680.0	**1.74**
3	SISMA SLV	920.0	1270.0	680.0	**1.63**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	1000.0	910.0	4.10	-	99.0	99.0	-53.3	-53.3	0.125	1581.58	SI	-	-
FREQ	1000.0	910.0	4.10	-	-	-	-	-	0.125	1581.58	SI	*0.300*	OK
QP	1000.0	820.0	3.64	-	77.1	77.1	-47.9	-47.9	0.125	1581.58	SI	*0.200*	OK

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

11.3.2. Con falda

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

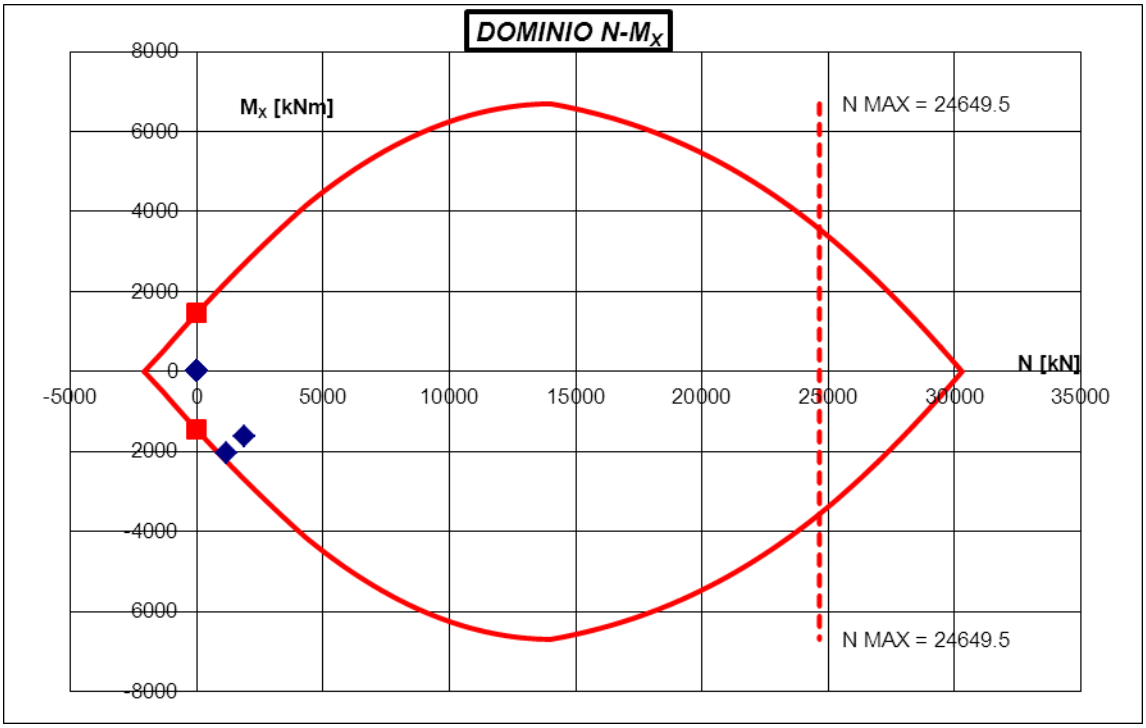
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\,Y}$	=	1190	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\,Y}$	=	1948	kN	Risorsa resistente a taglio della sezione
SF	=	1.64	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	1900.0	-1610.0	1190.0	**1.68**
2	SISMA SLV	1200.0	-2030.0	1120.0	**1.11**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	1400.0	-1210.0	5.41	-	-70.8	-70.8	122.9	122.9	0.125	-1688.86	SI	-	-
FREQ	1400.0	-1210.0	5.41	-	-	-	-	-	0.125	-1688.86	SI	*0.300*	OK
QP	1400.0	-1140.0	5.06	-	-66.5	-66.5	106.1	106.1	0.125	-1688.86	SI	*0.200*	OK

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

11.4. SEZIONE 4-4

La verifica è stata eseguita considerando una sezione in c.a. con base 100 cm e altezza 100 cm. L'armatura è costituita da barre φ26/20 all'intradosso e da barre φ26/20 all'estradosso. L'armatura a taglio è costituita da spilli φ14/30x40.

11.4.1. Senza falda

Calcestruzzo				
Classe	=	C32/40		
R_{ck}	≥	40	MPa	Valore caratteristico resistenza cubica
f_{ck}	=	33.2	MPa	Valore caratteristico resistenza cilindrica
f_{cm}	=	41.2	MPa	Valore medio resistenza cilindrica
f_{ctm}	=	3.10	MPa	Valore medio resistenza a trazione semplice
f_{cfm}	=	3.72	MPa	Valore medio resistenza a trazione per flessione
ν	=	0.2		Coefficiente di Poisson
E_{cm}	=	33643	MPa	Modulo elastico
γ_c	=	1.5		Coefficiente parziale di sicurezza
α_{cc}	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
f_{cd}	=	18.81	MPa	Resistenza di calcolo a compressione
f_{ctd}	=	1.45	MPa	Resistenza di calcolo a trazione
ε_{cu}	=	0.0035		Deformazione a rottura per il calcestruzzo
ε_{c0}	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo
Valori per studio alle tensioni ammissibili:				
n	=	15		Coefficiente di omogeneizzazione
Acciaio per c.a.				
Tipo	=	**B 450 C**		
$f_{yk\ nom}$	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
$f_{tk\ nom}$	=	540	MPa	Valore nominale della tensione caratteristica di rottura
γ_s	=	1.15		Coefficiente parziale di sicurezza
E_s	=	210000	MPa	Modulo elastico
f_{yd}	=	391.3	MPa	Resistenza di calcolo
ε_{su}	=	0.01		Deformazione a rottura per l'acciaio
Tensioni ammissibili				
$\sigma_{c\ amm}$	=	12.25	MPa	tensione ammissibile del cls a compressione
τ_{c0}	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
τ_{c1}	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
$\sigma_{s\ amm}$	=	255	MPa	tensione ammissibile dall'acciaio
τ_b	=	2.20	MPa	tensione tangenziale di aderenza delle barre
Caratteristiche geometriche				
Sezione di cls				
B	=	100	cm	base
H	=	100	cm	altezza
A cls	=	10000	cmq	area di cls

Sistema di armatura per sollecitazioni M_X-V_Y

Armatura longitudinale inferiore (per sollecitazione $M_{X\ positiva}$)

d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	26.55	cmq	area acciaio ferri prima fila
As	=	26.55	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione $M_{X\ positiva}$)

d1	=	26	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	26.55	cmq	area acciaio ferri prima fila
As'	=	26.55	cmq	area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione V_Y)

θ	=	30	°	Inclinazione della biella di cls (standard: 45°)

Asw 1° ordine:

α	=	90	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	2.5		
φ1	=	14	mm	Diametro staffe primo ordine
s	=	300	mm	Passo delle staffe

Sezione ideale interamente reagente omogeneizzata a cls

A_i	=	10796	cmq	area
$S^*_{i\ sup}$	=	539820	cmc	momento statico superiore
$y_{gi\ sup}$	=	50.00	cm	posizione del baricentro rispetto alla fibra superiore
J_i	=	9785390	cm^4	momento d'inerzia
$W_{i\ sup}$	=	195708	cmc	momento resistente superiore
$W_{i\ inf}$	=	195708	cmc	momento resistente inferiore

Caratteristiche di esposizione e parametri per verifiche S.L.E.

Classe	=	XF3		classe di esposizione del sito

Condizioni ambientali: Aggressive

Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

w_d - Frequente	≤	0.3	mm	apertura limite delle fessure per le combinazioni Frequente
w_d - Q.P.	≤	0.2	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σ_c Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σ_c Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σ_s	≤	360.0	MPa	tensione limite per l'acciaio di armatura
beta	=	1.7	-	
beta 1	=	1.0	-	
beta 2	=	0.5	-	1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4	-	0,4 barre ad aderenza migliorata

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

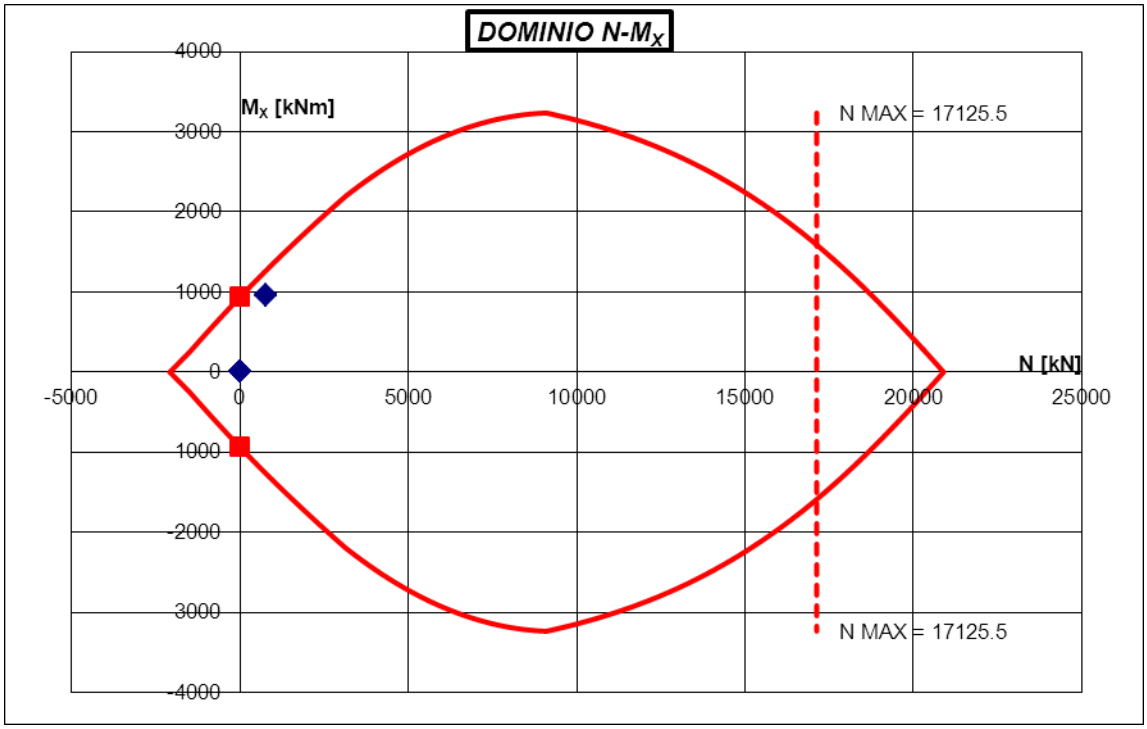
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\ Y}$	=	420	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\ Y}$	=	649	kN	Risorsa resistente a taglio della sezione
SF	=	1.55	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	760.0	960.0	420.0	**1.31**
2	SISMA SLV	760.0	950.0	300.0	**1.33**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	580.0	690.0	6.36	-	205.5	205.5	-71.7	-71.7	0.125	711.83	SI	-	-
FREQ	580.0	690.0	6.36	-	-	-	-	-	0.125	711.83	SI	*0.300*	OK
QP	580.0	610.0	5.63	-	171.0	171.0	-64.3	-64.3	0.125	711.83	SI	*0.200*	OK

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

11.4.2. Con falda

Verifica a taglio della sezione maggiormente sollecitata (V_Y):

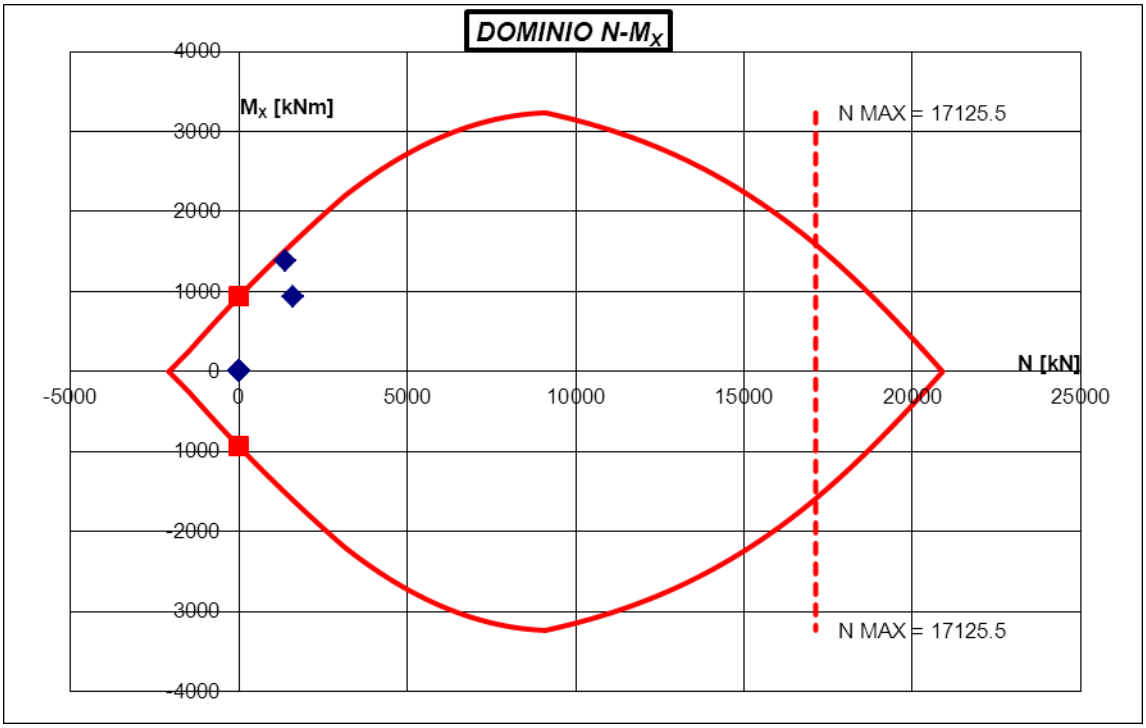
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd\,Y}$	=	550	kN	Massima azione di taglio agente sulla sezione
$V_{Rd\,Y}$	=	649	kN	Risorsa resistente a taglio della sezione
SF	=	1.18	[-]	Coefficiente di sicurezza per sollecitazione V_Y

La verifica a taglio per sollecitazione VY è soddisfatta.

Combinazioni di carico e verifica a pressoflessione retta

					N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	**SF**
1	STR	1600.0	940.0	500.0	**1.71**
2	SISMA SLV	1400.0	1380.0	550.0	**1.10**



			Verifica tensioni in esercizio						Verifica fessurazione				
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[-]	[kNm]		*[mm]*	[mm]
COMBO	N	M_X	σc max	σc min	σs max	σs min	σs' max	σs' min	k 3	M form fess	Mf > M ?	*wk' limite*	wk'
RARA	1200.0	700.0	6.37	-	119.8	119.8	-78.6	-78.6	0.125	824.22	SI	-	-
FREQ	1200.0	700.0	6.37	-	-	-	-	-	0.125	824.22	SI	*0.300*	OK
QP	1180.0	670.0	6.08	-	110.8	110.8	-75.3	-75.3	0.125	820.59	SI	*0.200*	OK

Le verifiche allo Stato Limite Ultimo e allo Stato Limite di Esercizio sono soddisfatte.

12. INPUT

12.1. SENZA FALDA

```
TABLE:  "ACTIVE DEGREES OF FREEDOM"
   UX=Yes    UY=No    UZ=Yes    RX=No    RY=Yes    RZ=No

TABLE:  "ANALYSIS OPTIONS"
   Solver=Advanced    SolverProc=Auto    Force32Bit=No    StiffCase=None    GeomMod=No

TABLE:  "AUTO WAVE 3 - WAVE CHARACTERISTICS - GENERAL"
   WaveChar=Default      WaveType="From  Theory"      KinFactor=1      SWaterDepth=45      WaveHeight=18
WavePeriod=12    WaveTheory=Linear

TABLE:  "CASE - STATIC 1 - LOAD ASSIGNMENTS"
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   Case="Spinta Ka DX"    LoadType="Load pattern"    LoadName="Spinta Ka DX"    LoadSF=1
   Case="Spinta Ka SX"    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1
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   Case="Q Spinta Ka SX"    LoadType="Load pattern"    LoadName="Q Spinta Ka SX"    LoadSF=1
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```

```
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Case=RARA-9   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=RARA-9   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=RARA-9   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=RARA-9   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=RARA-9   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=RARA-9   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=RARA-10   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=RARA-10   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=RARA-10   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=RARA-10   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=RARA-10   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=RARA-10   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=RARA-10   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=RARA-11   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=RARA-11   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=RARA-11   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=RARA-11   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=RARA-11   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=RARA-11   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=RARA-11   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=RARA-12   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=RARA-12   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=RARA-12   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=RARA-12   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=RARA-12   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=RARA-12   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=RARA-12   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=RARA-13   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=RARA-13   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=RARA-13   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=RARA-13   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=RARA-13   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=RARA-13   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=RARA-13   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=RARA-14   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=RARA-14   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=RARA-14   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=RARA-14   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=RARA-14   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=RARA-14   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=RARA-14   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=FREQ-1   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-1   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-1   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-2   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
```

```
Case=FREQ-2   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0.75
Case=FREQ-2   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0.75
Case=FREQ-3   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-3   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0.75
Case=FREQ-3   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-4   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-4   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-4   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0.75
Case=FREQ-5   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-5   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-5   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-6   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-6   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0.75
Case=FREQ-6   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-7   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-7   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-7   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0.75
Case=FREQ-8   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-8   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=FREQ-8   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-9   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-9   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=FREQ-9   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=FREQ-10   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-10   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=FREQ-10   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-11   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-11   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=FREQ-11   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=FREQ-12   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-12   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=FREQ-12   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-13   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-13   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=FREQ-13   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-14   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
```

```
   Case=FREQ-14   LoadType="Load pattern"   LoadName=Q   LoadSF=0
   Case=FREQ-14   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
   Case=FREQ-14   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
   Case=QP-1   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case=QP-1   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
   Case=QP-1   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
   Case=QP-1   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case=QP-2   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case=QP-2   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
   Case=QP-2   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
   Case=QP-2   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
   Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
   Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
   Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
   Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=1
   Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
   Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
   Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
   Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
   Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=-1
   Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
   Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
   Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
   Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
   Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=1
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=-1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=-1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=-1

TABLE:  "CASE - STATIC 2 - NONLINEAR LOAD APPLICATION"
   Case=DEAD   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=Ricoprimento   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta Ka DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta Ka SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta Ka DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta Ka SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta K0 DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta K0 SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta K0 DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta K0 SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=Q   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="WOOD SX SLV"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="WOOD SX SLD"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Inerzia +X SLV"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
```

```
   Case="Inerzia +Z SLV"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Inerzia +X SLD"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Inerzia +Z SLD"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-3   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-4   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-5   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-6   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-7   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-8   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-9   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-3   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-4   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-5   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-6   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-7   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-8   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-9   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-3   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-4   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-5   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-6   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-7   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-8   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-9   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=QP-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=QP-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-1"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-2"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-3"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-4"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-1"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-2"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-3"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-4"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28

TABLE:  "CASE - STATIC 4 - NONLINEAR PARAMETERS"
   Case=DEAD   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes   EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=Ricoprimento   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta Ka DX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta Ka SX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Q Spinta Ka DX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

```
   Case="Q Spinta Ka SX"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta K0 DX"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta K0 SX"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Q Spinta K0 DX"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Q Spinta K0 SX"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=Q    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1   LSStepFact=1.618 _
       FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="WOOD SX SLV"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="WOOD SX SLD"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Inerzia +X SLV"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Inerzia +Z SLV"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Inerzia +X SLD"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Inerzia +Z SLD"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-1   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-2   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-3   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-4   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
       LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-5   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
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        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-6    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-7    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-8    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-9    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-10       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-11       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-12       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-13       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-14       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-1       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-2       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-3       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-4       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-5       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-6       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-7       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
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   Case=RARA-8       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-9       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-10      Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-11      Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-12      Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-13      Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-14      Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-1       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-2       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-3       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-4       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-5       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-6       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-7       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-8       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-9       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-10      Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
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        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-11       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-12       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-13       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FREQ-14       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=QP-1    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=QP-2    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-1"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-2"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-3"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-4"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-1"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-2"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-3"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-4"     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No

TABLE:  "COMBINATION DEFINITIONS"
   ComboName=INV-SLU      ComboType=Envelope      AutoDesign=No      CaseName=SLU-1      ScaleFactor=1
SteelDesign=None    ConcDesign=None    AlumDesign=None    ColdDesign=None
   ComboName=INV-SLU    CaseName=SLU-2    ScaleFactor=1
   ComboName=INV-SLU    CaseName=SLU-3    ScaleFactor=1
   ComboName=INV-SLU    CaseName=SLU-4    ScaleFactor=1
   ComboName=INV-SLU    CaseName=SLU-5    ScaleFactor=1
   ComboName=INV-SLU    CaseName=SLU-6    ScaleFactor=1
   ComboName=INV-SLU    CaseName=SLU-7    ScaleFactor=1
   ComboName=INV-SLU    CaseName=SLU-8    ScaleFactor=1
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   ComboName=INV-SLU   CaseName=SLU-9   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-10   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-11   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-12   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-13   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-14   ScaleFactor=1
   ComboName=INV-RARA     ComboType=Envelope     AutoDesign=No     CaseName=RARA-1     ScaleFactor=1
SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName=INV-RARA   CaseName=RARA-2   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-3   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-4   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-5   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-6   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-7   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-8   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-9   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-10   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-11   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-12   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-13   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-14   ScaleFactor=1
   ComboName=INV-FREQ     ComboType=Envelope     AutoDesign=No     CaseName=FREQ-1     ScaleFactor=1
SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName=INV-FREQ   CaseName=FREQ-2   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-3   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-4   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-5   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-6   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-7   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-8   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-9   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-10   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-11   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-12   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-13   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-14   ScaleFactor=1
   ComboName=INV-QP      ComboType=Envelope      AutoDesign=No      CaseName=QP-1      ScaleFactor=1
SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName=INV-QP   CaseName=QP-2   ScaleFactor=1
   ComboName="INV-SISMA  SLV"      ComboType=Envelope      AutoDesign=No      CaseName="SISMA  SLV-1"
ScaleFactor=1   SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName="INV-SISMA SLV"   CaseName="SISMA SLV-2"   ScaleFactor=1
   ComboName="INV-SISMA SLV"   CaseName="SISMA SLV-3"   ScaleFactor=1
   ComboName="INV-SISMA SLV"   CaseName="SISMA SLV-4"   ScaleFactor=1
   ComboName="INV-SISMA  SLD"      ComboType=Envelope      AutoDesign=No      CaseName="SISMA  SLD-1"
ScaleFactor=1   SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName="INV-SISMA SLD"   CaseName="SISMA SLD-2"   ScaleFactor=1
   ComboName="INV-SISMA SLD"   CaseName="SISMA SLD-3"   ScaleFactor=1
   ComboName="INV-SISMA SLD"   CaseName="SISMA SLD-4"   ScaleFactor=1

TABLE:  "CONNECTIVITY - FRAME"
   Frame=1   JointI=1   JointJ=2   IsCurved=No
   Frame=2   JointI=2   JointJ=3   IsCurved=No
   Frame=3   JointI=3   JointJ=4   IsCurved=No
   Frame=4   JointI=4   JointJ=5   IsCurved=No
   Frame=5   JointI=5   JointJ=6   IsCurved=No
   Frame=6   JointI=6   JointJ=7   IsCurved=No
   Frame=7   JointI=7   JointJ=8   IsCurved=No
   Frame=8   JointI=8   JointJ=9   IsCurved=No
   Frame=9   JointI=9   JointJ=10   IsCurved=No
   Frame=10   JointI=10   JointJ=11   IsCurved=No
   Frame=11   JointI=11   JointJ=12   IsCurved=No
   Frame=12   JointI=12   JointJ=13   IsCurved=No
   Frame=13   JointI=13   JointJ=14   IsCurved=No
   Frame=14   JointI=14   JointJ=15   IsCurved=No
   Frame=15   JointI=15   JointJ=16   IsCurved=No
   Frame=16   JointI=16   JointJ=17   IsCurved=No
   Frame=17   JointI=17   JointJ=18   IsCurved=No
   Frame=18   JointI=18   JointJ=19   IsCurved=No
   Frame=19   JointI=19   JointJ=20   IsCurved=No
   Frame=20   JointI=20   JointJ=21   IsCurved=No
   Frame=21   JointI=21   JointJ=22   IsCurved=No
   Frame=22   JointI=22   JointJ=23   IsCurved=No
   Frame=23   JointI=23   JointJ=24   IsCurved=No
   Frame=24   JointI=24   JointJ=25   IsCurved=No
   Frame=25   JointI=25   JointJ=26   IsCurved=No
   Frame=26   JointI=26   JointJ=27   IsCurved=No
   Frame=27   JointI=27   JointJ=28   IsCurved=No
   Frame=28   JointI=29   JointJ=28   IsCurved=No
   Frame=29   JointI=30   JointJ=29   IsCurved=No
   Frame=30   JointI=31   JointJ=30   IsCurved=No
   Frame=31   JointI=32   JointJ=31   IsCurved=No
   Frame=32   JointI=33   JointJ=32   IsCurved=No
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   Frame=33   JointI=34   JointJ=33   IsCurved=No
   Frame=34   JointI=35   JointJ=34   IsCurved=No
   Frame=35   JointI=36   JointJ=35   IsCurved=No
   Frame=36   JointI=37   JointJ=36   IsCurved=No
   Frame=37   JointI=38   JointJ=37   IsCurved=No
   Frame=38   JointI=39   JointJ=38   IsCurved=No
   Frame=39   JointI=40   JointJ=39   IsCurved=No
   Frame=40   JointI=41   JointJ=40   IsCurved=No
   Frame=41   JointI=42   JointJ=41   IsCurved=No
   Frame=42   JointI=43   JointJ=42   IsCurved=No
   Frame=43   JointI=44   JointJ=43   IsCurved=No
   Frame=44   JointI=45   JointJ=44   IsCurved=No
   Frame=45   JointI=46   JointJ=45   IsCurved=No
   Frame=46   JointI=47   JointJ=46   IsCurved=No
   Frame=47   JointI=48   JointJ=47   IsCurved=No
   Frame=48   JointI=49   JointJ=48   IsCurved=No
   Frame=49   JointI=50   JointJ=49   IsCurved=No
   Frame=50   JointI=51   JointJ=50   IsCurved=No
   Frame=51   JointI=52   JointJ=51   IsCurved=No
   Frame=52   JointI=53   JointJ=52   IsCurved=No
   Frame=53   JointI=54   JointJ=53   IsCurved=No
   Frame=54   JointI=1   JointJ=54   IsCurved=No
   Frame=55   JointI=11   JointJ=13   IsCurved=No
   Frame=56   JointI=45   JointJ=43   IsCurved=No

TABLE:  "COORDINATE SYSTEMS"
   Name=GLOBAL   Type=Cartesian   X=0   Y=0   Z=0   AboutZ=0   AboutY=0   AboutX=0

TABLE:  "DATABASE DOCUMENTATION"

TABLE:  "DATABASE FORMAT TYPES"
   UnitsCurr=Yes   OverrideE=No

TABLE:  "FRAME AUTO MESH ASSIGNMENTS"
   Frame=1   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=2   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=3   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=4   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=5   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=6   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=7   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=8   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=9   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=10   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=11   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=12   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=13   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=14   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=15   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=16   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=17   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=18   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=19   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=20   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=21   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=22   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=23   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=24   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=25   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=26   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=27   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=28   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=29   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=30   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=31   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=32   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=33   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=34   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=35   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=36   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=37   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=38   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=39   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=40   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=41   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=42   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=43   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=44   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=45   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=46   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=47   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=48   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=49   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
```

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   Frame=50   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=51   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=52   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=53   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=54   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=55   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=56   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0

TABLE:  "FRAME DESIGN PROCEDURES"
   Frame=1    DesignProc="From Material"
   Frame=2    DesignProc="From Material"
   Frame=3    DesignProc="From Material"
   Frame=4    DesignProc="From Material"
   Frame=5    DesignProc="From Material"
   Frame=6    DesignProc="From Material"
   Frame=7    DesignProc="From Material"
   Frame=8    DesignProc="From Material"
   Frame=9    DesignProc="From Material"
   Frame=10   DesignProc="From Material"
   Frame=11   DesignProc="From Material"
   Frame=12   DesignProc="From Material"
   Frame=13   DesignProc="From Material"
   Frame=14   DesignProc="From Material"
   Frame=15   DesignProc="From Material"
   Frame=16   DesignProc="From Material"
   Frame=17   DesignProc="From Material"
   Frame=18   DesignProc="From Material"
   Frame=19   DesignProc="From Material"
   Frame=20   DesignProc="From Material"
   Frame=21   DesignProc="From Material"
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   Frame=27   DesignProc="From Material"
   Frame=28   DesignProc="From Material"
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   Frame=30   DesignProc="From Material"
   Frame=31   DesignProc="From Material"
   Frame=32   DesignProc="From Material"
   Frame=33   DesignProc="From Material"
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   Frame=36   DesignProc="From Material"
   Frame=37   DesignProc="From Material"
   Frame=38   DesignProc="From Material"
   Frame=39   DesignProc="From Material"
   Frame=40   DesignProc="From Material"
   Frame=41   DesignProc="From Material"
   Frame=42   DesignProc="From Material"
   Frame=43   DesignProc="From Material"
   Frame=44   DesignProc="From Material"
   Frame=45   DesignProc="From Material"
   Frame=46   DesignProc="From Material"
   Frame=47   DesignProc="From Material"
   Frame=48   DesignProc="From Material"
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   Frame=50   DesignProc="From Material"
   Frame=51   DesignProc="From Material"
   Frame=52   DesignProc="From Material"
   Frame=53   DesignProc="From Material"
   Frame=54   DesignProc="From Material"
   Frame=55   DesignProc="From Material"
   Frame=56   DesignProc="From Material"

TABLE:  "FRAME LOADS - DISTRIBUTED"
   Frame=1    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=6.1   FOverLB=6.1
   Frame=1    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=0.2   FOverLB=0.2
   Frame=1    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=9.2   FOverLB=9.2
   Frame=1    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=0.2   FOverLB=0.2
   Frame=1    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=2.3   FOverLB=2.3
   Frame=1    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=1.4   FOverLB=1.4
   Frame=2    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=18.2   FOverLB=18.2
   Frame=2    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=0.5   FOverLB=0.5
```

```
   Frame=2     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720015    FOverLA=27.3    FOverLB=27.3
   Frame=2     LoadPat="Q  Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720015    FOverLA=0.7    FOverLB=0.7
   Frame=2     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720015    FOverLA=7    FOverLB=7
   Frame=2     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720015    FOverLA=4.2    FOverLB=4.2
   Frame=3     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719977    FOverLA=29.9    FOverLB=29.9
   Frame=3     LoadPat="Q  Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719977    FOverLA=0.8    FOverLB=0.8
   Frame=3     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719977    FOverLA=44.9    FOverLB=44.9
   Frame=3     LoadPat="Q  Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719977    FOverLA=1.2    FOverLB=1.2
   Frame=3     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719977    FOverLA=11.6    FOverLB=11.6
   Frame=3     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719977    FOverLA=6.9    FOverLB=6.9
   Frame=4     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720019    FOverLA=41    FOverLB=41
   Frame=4     LoadPat="Q  Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720019    FOverLA=1.1    FOverLB=1.1
   Frame=4     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720019    FOverLA=61.5    FOverLB=61.5
   Frame=4     LoadPat="Q  Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720019    FOverLA=1.6    FOverLB=1.6
   Frame=4     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720019    FOverLA=16.1    FOverLB=16.1
   Frame=4     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720019    FOverLA=9.6    FOverLB=9.6
   Frame=5     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720024    FOverLA=51.3    FOverLB=51.3
   Frame=5     LoadPat="Q  Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720024    FOverLA=1.4    FOverLB=1.4
   Frame=5     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720024    FOverLA=76.9    FOverLB=76.9
   Frame=5     LoadPat="Q  Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720024    FOverLA=2    FOverLB=2
   Frame=5     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720024    FOverLA=20.4    FOverLB=20.4
   Frame=5     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720024    FOverLA=12.2    FOverLB=12.2
   Frame=6     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719985    FOverLA=60.5    FOverLB=60.5
   Frame=6     LoadPat="Q  Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719985    FOverLA=1.6    FOverLB=1.6
   Frame=6     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719985    FOverLA=90.8    FOverLB=90.8
   Frame=6     LoadPat="Q  Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719985    FOverLA=2.5    FOverLB=2.5
   Frame=6     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719985    FOverLA=24.6    FOverLB=24.6
   Frame=6     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719985    FOverLA=14.8    FOverLB=14.8
   Frame=7     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720017    FOverLA=68.5    FOverLB=68.5
   Frame=7     LoadPat="Q  Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720017    FOverLA=1.9    FOverLB=1.9
   Frame=7     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720017    FOverLA=102.8    FOverLB=102.8
   Frame=7     LoadPat="Q  Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720017    FOverLA=2.9    FOverLB=2.9
   Frame=7     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720017    FOverLA=28.5    FOverLB=28.5
   Frame=7     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720017    FOverLA=17.1    FOverLB=17.1
   Frame=8     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720001    FOverLA=75.2    FOverLB=75.2
   Frame=8     LoadPat="Q  Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720001    FOverLA=2.1    FOverLB=2.1
   Frame=8     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720001    FOverLA=112.7    FOverLB=112.7
   Frame=8     LoadPat="Q  Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720001    FOverLA=3.2    FOverLB=3.2
   Frame=8     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720001    FOverLA=32.2    FOverLB=32.2
   Frame=8     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720001    FOverLA=19.3    FOverLB=19.3
   Frame=9     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719987    FOverLA=80.4    FOverLB=80.4
```

```
   Frame=9    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=2.4   FOverLB=2.4
   Frame=9    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=120.6   FOverLB=120.6
   Frame=9    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=3.6   FOverLB=3.6
   Frame=9    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=35.7   FOverLB=35.7
   Frame=9    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=21.4   FOverLB=21.4
   Frame=10    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720008   FOverLA=84.1   FOverLB=84.1
   Frame=10    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720008   FOverLA=2.6   FOverLB=2.6
   Frame=10    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720008   FOverLA=126.1   FOverLB=126.1
   Frame=10    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720008   FOverLA=3.9   FOverLB=3.9
   Frame=10    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720008   FOverLA=38.8   FOverLB=38.8
   Frame=10    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720008   FOverLA=23.3   FOverLB=23.3
   Frame=11    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.4252047688041   FOverLA=0   FOverLB=0
   Frame=11    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.4252047688041   FOverLA=0   FOverLB=0
   Frame=11    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.4252047688041   FOverLA=0   FOverLB=0
   Frame=11    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.4252047688041   FOverLA=0   FOverLB=0
   Frame=11    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.4252047688041   FOverLA=0   FOverLB=0
   Frame=11    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.4252047688041   FOverLA=0   FOverLB=0
   Frame=12    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=103.7   FOverLB=103.7
   Frame=12    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=3.3   FOverLB=3.3
   Frame=12    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=155.5   FOverLB=155.5
   Frame=12    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=5   FOverLB=5
   Frame=12    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=50   FOverLB=50
   Frame=12    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=30   FOverLB=30
   Frame=13    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=97.6   FOverLB=97.6
   Frame=13    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=3.3   FOverLB=3.3
   Frame=13    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=146.5   FOverLB=146.5
   Frame=13    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=5   FOverLB=5
   Frame=13    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=50   FOverLB=50
   Frame=13    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=30   FOverLB=30
   Frame=14    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=90.5   FOverLB=90.5
   Frame=14    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=3.3   FOverLB=3.3
   Frame=14    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=135.8   FOverLB=135.8
   Frame=14    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=5   FOverLB=5
   Frame=14    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=50   FOverLB=50
   Frame=14    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=30   FOverLB=30
   Frame=15    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=83.4   FOverLB=83.4
   Frame=15    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=3.3   FOverLB=3.3
   Frame=15    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=125.1   FOverLB=125.1
   Frame=15    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=5   FOverLB=5
   Frame=15    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=50   FOverLB=50
   Frame=15    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=30   FOverLB=30
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   Frame=16    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=76.3   FOverLB=76.3
   Frame=16    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=3.3   FOverLB=3.3
   Frame=16    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=114.4   FOverLB=114.4
   Frame=16    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=5   FOverLB=5
   Frame=16    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=50   FOverLB=50
   Frame=16    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=30   FOverLB=30
   Frame=17    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=69.2   FOverLB=69.2
   Frame=17    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=3.3   FOverLB=3.3
   Frame=17    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=103.8   FOverLB=103.8
   Frame=17    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=5   FOverLB=5
   Frame=17    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=50   FOverLB=50
   Frame=17    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=30   FOverLB=30
   Frame=18    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=62.1   FOverLB=62.1
   Frame=18    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=3.3   FOverLB=3.3
   Frame=18    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=93.1   FOverLB=93.1
   Frame=18    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=5   FOverLB=5
   Frame=18    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=50   FOverLB=50
   Frame=18    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=30   FOverLB=30
   Frame=19   LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=119.5   FOverLB=119.5
   Frame=19    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=39.8   FOverLB=39.8
   Frame=19    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=2.4   FOverLB=2.4
   Frame=19    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=59.7   FOverLB=59.7
   Frame=19    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=3.5   FOverLB=3.5
   Frame=19    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=7.1   FOverLB=7.1
   Frame=19    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=35.4   FOverLB=35.4
   Frame=19    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=21.2   FOverLB=21.2
   Frame=20   LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=110.1   FOverLB=110.1
   Frame=20    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=36.7   FOverLB=36.7
   Frame=20    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=2.4   FOverLB=2.4
   Frame=20    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=55.1   FOverLB=55.1
   Frame=20    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=3.5   FOverLB=3.5
   Frame=20    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=7.1   FOverLB=7.1
   Frame=20    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=35.4   FOverLB=35.4
   Frame=20    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=21.2   FOverLB=21.2
   Frame=21   LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=100.8   FOverLB=100.8
   Frame=21    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=33.6   FOverLB=33.6
   Frame=21    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=2.4   FOverLB=2.4
   Frame=21    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=50.4   FOverLB=50.4
   Frame=21    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=3.5   FOverLB=3.5
   Frame=21    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=7.1   FOverLB=7.1
   Frame=21    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=35.4   FOverLB=35.4
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   Frame=21    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972275   FOverLA=21.2   FOverLB=21.2
   Frame=22    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=91.5   FOverLB=91.5
   Frame=22    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=30.5   FOverLB=30.5
   Frame=22    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=2.4   FOverLB=2.4
   Frame=22    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=45.7   FOverLB=45.7
   Frame=22    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=3.5   FOverLB=3.5
   Frame=22    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=7.1   FOverLB=7.1
   Frame=22    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=35.4   FOverLB=35.4
   Frame=22    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=21.2   FOverLB=21.2
   Frame=23    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=87.7   FOverLB=87.7
   Frame=23    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=25   FOverLB=25
   Frame=23    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=2.2   FOverLB=2.2
   Frame=23    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=37.4   FOverLB=37.4
   Frame=23    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=3.2   FOverLB=3.2
   Frame=23    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=7.6   FOverLB=7.6
   Frame=23    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=32.5   FOverLB=32.5
   Frame=23    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=19.5   FOverLB=19.5
   Frame=24    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=86.9   FOverLB=86.9
   Frame=24    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=17.7   FOverLB=17.7
   Frame=24    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=1.7   FOverLB=1.7
   Frame=24    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=26.6   FOverLB=26.6
   Frame=24    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=2.6   FOverLB=2.6
   Frame=24    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=8.5   FOverLB=8.5
   Frame=24    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=26.1   FOverLB=26.1
   Frame=24    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=15.7   FOverLB=15.7
   Frame=25    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=84.6   FOverLB=84.6
   Frame=25    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=11.7   FOverLB=11.7
   Frame=25    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=1.3   FOverLB=1.3
   Frame=25    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=17.5   FOverLB=17.5
   Frame=25    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=1.9   FOverLB=1.9
   Frame=25    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=9.2   FOverLB=9.2
   Frame=25    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=19.1   FOverLB=19.1
   Frame=25    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=11.5   FOverLB=11.5
   Frame=26    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=82.1   FOverLB=82.1
   Frame=26    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=6.6   FOverLB=6.6
   Frame=26    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=0.8   FOverLB=0.8
   Frame=26    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=9.9   FOverLB=9.9
   Frame=26    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=1.2   FOverLB=1.2
   Frame=26    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=9.7   FOverLB=9.7
   Frame=26    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=11.7   FOverLB=11.7
   Frame=26    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=7   FOverLB=7
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   Frame=27    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=80.6    FOverLB=80.6
   Frame=27    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=2.1    FOverLB=2.1
   Frame=27    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=0.3    FOverLB=0.3
   Frame=27    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=3.2    FOverLB=3.2
   Frame=27    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=0.4    FOverLB=0.4
   Frame=27    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=10    FOverLB=10
   Frame=27    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=3.9    FOverLB=3.9
   Frame=27    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=2.4    FOverLB=2.4
   Frame=28    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=80.6    FOverLB=80.6
   Frame=28    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=-2.1    FOverLB=-2.1
   Frame=28    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=-0.3    FOverLB=-0.3
   Frame=28    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=-3.2    FOverLB=-3.2
   Frame=28    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=-0.4    FOverLB=-0.4
   Frame=28    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.1455479642562    FOverLA=10    FOverLB=10
   Frame=29    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425696    FOverLA=82.1    FOverLB=82.1
   Frame=29    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425696    FOverLA=-6.6    FOverLB=-6.6
   Frame=29    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425696    FOverLA=-0.8    FOverLB=-0.8
   Frame=29    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425696    FOverLA=-9.9    FOverLB=-9.9
   Frame=29    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425696    FOverLA=-1.2    FOverLB=-1.2
   Frame=29    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425696    FOverLA=9.7    FOverLB=9.7
   Frame=30    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425689    FOverLA=84.6    FOverLB=84.6
   Frame=30    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425689    FOverLA=-11.7    FOverLB=-11.7
   Frame=30    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425689    FOverLA=-1.3    FOverLB=-1.3
   Frame=30    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425689    FOverLA=-17.5    FOverLB=-17.5
   Frame=30    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425689    FOverLA=-1.9    FOverLB=-1.9
   Frame=30    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425689    FOverLA=9.2    FOverLB=9.2
   Frame=31    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425693    FOverLA=86.9    FOverLB=86.9
   Frame=31    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425693    FOverLA=-17.7    FOverLB=-17.7
   Frame=31    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425693    FOverLA=-1.7    FOverLB=-1.7
   Frame=31    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425693    FOverLA=-26.6    FOverLB=-26.6
   Frame=31    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425693    FOverLA=-2.6    FOverLB=-2.6
   Frame=31    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425693    FOverLA=8.5    FOverLB=8.5
   Frame=32    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425749    FOverLA=87.7    FOverLB=87.7
   Frame=32    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425749    FOverLA=-25    FOverLB=-25
   Frame=32    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425749    FOverLA=-2.2    FOverLB=-2.2
   Frame=32    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425749    FOverLA=-37.4    FOverLB=-37.4
   Frame=32    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425749    FOverLA=-3.2    FOverLB=-3.2
   Frame=32    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.14554796425749    FOverLA=7.6    FOverLB=7.6
   Frame=33    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.932746252972164    FOverLA=91.5    FOverLB=91.5
   Frame=33    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.932746252972164    FOverLA=-30.5    FOverLB=-30.5
   Frame=33    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.932746252972164    FOverLA=-2.4    FOverLB=-2.4
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   Frame=33    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=-45.7   FOverLB=-45.7
   Frame=33    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=-3.5   FOverLB=-3.5
   Frame=33    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=7.1   FOverLB=7.1
   Frame=34    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=100.8   FOverLB=100.8
   Frame=34    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-33.6   FOverLB=-33.6
   Frame=34    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-2.4   FOverLB=-2.4
   Frame=34    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-50.4   FOverLB=-50.4
   Frame=34    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-3.5   FOverLB=-3.5
   Frame=34    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=7.1   FOverLB=7.1
   Frame=35    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=110.1   FOverLB=110.1
   Frame=35    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-36.7   FOverLB=-36.7
   Frame=35    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-2.4   FOverLB=-2.4
   Frame=35    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-55.1   FOverLB=-55.1
   Frame=35    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-3.5   FOverLB=-3.5
   Frame=35    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=7.1   FOverLB=7.1
   Frame=36    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=119.5   FOverLB=119.5
   Frame=36    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-39.8   FOverLB=-39.8
   Frame=36    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-2.4   FOverLB=-2.4
   Frame=36    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-59.7   FOverLB=-59.7
   Frame=36    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-3.5   FOverLB=-3.5
   Frame=36    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=7.1   FOverLB=7.1
   Frame=37    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-62.1   FOverLB=-62.1
   Frame=37    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-3.3   FOverLB=-3.3
   Frame=37    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-93.1   FOverLB=-93.1
   Frame=37    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-5   FOverLB=-5
   Frame=38    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-69.2   FOverLB=-69.2
   Frame=38    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-3.3   FOverLB=-3.3
   Frame=38    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-103.8   FOverLB=-103.8
   Frame=38    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-5   FOverLB=-5
   Frame=39    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-76.3   FOverLB=-76.3
   Frame=39    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-3.3   FOverLB=-3.3
   Frame=39    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-114.4   FOverLB=-114.4
   Frame=39    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-5   FOverLB=-5
   Frame=40    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-83.4   FOverLB=-83.4
   Frame=40    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-3.3   FOverLB=-3.3
   Frame=40    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-125.1   FOverLB=-125.1
   Frame=40    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-5   FOverLB=-5
   Frame=41    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-90.5   FOverLB=-90.5
   Frame=41    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-3.3   FOverLB=-3.3
   Frame=41    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-135.8   FOverLB=-135.8
   Frame=41    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-5   FOverLB=-5
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   Frame=42    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-97.6   FOverLB=-97.6
   Frame=42    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-3.3   FOverLB=-3.3
   Frame=42    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-146.5   FOverLB=-146.5
   Frame=42    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-5   FOverLB=-5
   Frame=43    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-103.7   FOverLB=-103.7
   Frame=43    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-3.3   FOverLB=-3.3
   Frame=43    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-155.5   FOverLB=-155.5
   Frame=43    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-5   FOverLB=-5
   Frame=44    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
   Frame=44    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
   Frame=44    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
   Frame=44    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
   Frame=45    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-84.1   FOverLB=-84.1
   Frame=45    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-2.6   FOverLB=-2.6
   Frame=45    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-126.1   FOverLB=-126.1
   Frame=45    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-3.9   FOverLB=-3.9
   Frame=46    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-80.4   FOverLB=-80.4
   Frame=46    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-2.4   FOverLB=-2.4
   Frame=46    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-120.6   FOverLB=-120.6
   Frame=46    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-3.6   FOverLB=-3.6
   Frame=47    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-75.2   FOverLB=-75.2
   Frame=47    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-2.1   FOverLB=-2.1
   Frame=47    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-112.7   FOverLB=-112.7
   Frame=47    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-3.2   FOverLB=-3.2
   Frame=48    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-68.5   FOverLB=-68.5
   Frame=48    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-1.9   FOverLB=-1.9
   Frame=48    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-102.8   FOverLB=-102.8
   Frame=48    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-2.9   FOverLB=-2.9
   Frame=49    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-60.5   FOverLB=-60.5
   Frame=49    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-1.6   FOverLB=-1.6
   Frame=49    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-90.8   FOverLB=-90.8
   Frame=49    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-2.5   FOverLB=-2.5
   Frame=50    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-51.3   FOverLB=-51.3
   Frame=50    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-1.4   FOverLB=-1.4
   Frame=50    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-76.9   FOverLB=-76.9
   Frame=50    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-2   FOverLB=-2
   Frame=51    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-41   FOverLB=-41
   Frame=51    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-1.1   FOverLB=-1.1
   Frame=51    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-61.5   FOverLB=-61.5
   Frame=51    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-1.6   FOverLB=-1.6
   Frame=52    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-29.9   FOverLB=-29.9
```

```
   Frame=52    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-0.8   FOverLB=-0.8
   Frame=52    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-44.9   FOverLB=-44.9
   Frame=52    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-1.2   FOverLB=-1.2
   Frame=53    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-18.2   FOverLB=-18.2
   Frame=53    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-0.5   FOverLB=-0.5
   Frame=53    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-27.3   FOverLB=-27.3
   Frame=53    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-0.7   FOverLB=-0.7
   Frame=54    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-6.1   FOverLB=-6.1
   Frame=54    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-0.2   FOverLB=-0.2
   Frame=54    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-9.2   FOverLB=-9.2
   Frame=54    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-0.2   FOverLB=-0.2

TABLE:  "FRAME LOADS - GRAVITY"
   Frame=1     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=1     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=1     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=1     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=2     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=2     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=2     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=2     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=3     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=3     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=3     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=3     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=4     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=4     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=4     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=4     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=5     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=5     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=5     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=5     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=6     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=6     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=6     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=6     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=7     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=7     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=7     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=7     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=8     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
```

```
   Frame=8      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=8     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=8      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=9     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=9      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=9     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=9      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=10     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=10      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=10     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=10      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=11     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=11      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=11     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=11      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=12     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=12      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=12     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=12      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=13     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=13      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=13     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=13      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=14     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=14      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=14     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=14      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=15     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=15      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=15     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=15      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=16     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=16      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=16     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=16      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=17     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=17      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=17     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=17      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=18     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=18      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
```

```
   Frame=18     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=18      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=19     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=19      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=19     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=19      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=20     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=20      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=20     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=20      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=21     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=21      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=21     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=21      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=22     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=22      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=22     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=22      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=23     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=23      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=23     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=23      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=24     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=24      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=24     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=24      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=25     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=25      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=25     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=25      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=26     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=26      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=26     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=26      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=27     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=27      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=27     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=27      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=28     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=28      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=28     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
```

```
   Frame=28      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=29      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=29      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=29      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=29      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=30      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=30      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=30      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=30      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=31      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=31      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=31      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=31      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=32      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=32      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=32      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=32      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=33      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=33      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=33      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=33      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=34      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=34      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=34      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=34      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=35      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=35      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=35      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=35      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=36      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=36      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=36      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=36      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=37      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=37      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=37      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=37      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=38      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=38      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=38      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=38      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
```

```
   Frame=39     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=39      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=39     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=39      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=40     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=40      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=40     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=40      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=41     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=41      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=41     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=41      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=42     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=42      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=42     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=42      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=43     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=43      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=43     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=43      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=44     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=44      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=44     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=44      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=45     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=45      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=45     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=45      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=46     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=46      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=46     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=46      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=47     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=47      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=47     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=47      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=48     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=48      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=48     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=48      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=49     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
```

```
   Frame=49      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=49      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=49      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=50      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=50      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=50      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=50      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=51      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=51      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=51      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=51      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=52      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=52      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=52      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=52      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=53      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=53      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=53      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=53      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=54      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=54      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=54      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=54      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=55      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=55      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=55      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=55      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=56      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=56      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=56      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=56      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034

TABLE:  "FRAME LOAD TRANSFER OPTIONS"
   Frame=1    Transfer=Yes
   Frame=2    Transfer=Yes
   Frame=3    Transfer=Yes
   Frame=4    Transfer=Yes
   Frame=5    Transfer=Yes
   Frame=6    Transfer=Yes
   Frame=7    Transfer=Yes
   Frame=8    Transfer=Yes
   Frame=9    Transfer=Yes
   Frame=10    Transfer=Yes
   Frame=11    Transfer=Yes
   Frame=12    Transfer=Yes
   Frame=13    Transfer=Yes
   Frame=14    Transfer=Yes
   Frame=15    Transfer=Yes
   Frame=16    Transfer=Yes
   Frame=17    Transfer=Yes
   Frame=18    Transfer=Yes
   Frame=19    Transfer=Yes
```

```
   Frame=20   Transfer=Yes
   Frame=21   Transfer=Yes
   Frame=22   Transfer=Yes
   Frame=23   Transfer=Yes
   Frame=24   Transfer=Yes
   Frame=25   Transfer=Yes
   Frame=26   Transfer=Yes
   Frame=27   Transfer=Yes
   Frame=28   Transfer=Yes
   Frame=29   Transfer=Yes
   Frame=30   Transfer=Yes
   Frame=31   Transfer=Yes
   Frame=32   Transfer=Yes
   Frame=33   Transfer=Yes
   Frame=34   Transfer=Yes
   Frame=35   Transfer=Yes
   Frame=36   Transfer=Yes
   Frame=37   Transfer=Yes
   Frame=38   Transfer=Yes
   Frame=39   Transfer=Yes
   Frame=40   Transfer=Yes
   Frame=41   Transfer=Yes
   Frame=42   Transfer=Yes
   Frame=43   Transfer=Yes
   Frame=44   Transfer=Yes
   Frame=45   Transfer=Yes
   Frame=46   Transfer=Yes
   Frame=47   Transfer=Yes
   Frame=48   Transfer=Yes
   Frame=49   Transfer=Yes
   Frame=50   Transfer=Yes
   Frame=51   Transfer=Yes
   Frame=52   Transfer=Yes
   Frame=53   Transfer=Yes
   Frame=54   Transfer=Yes
   Frame=55   Transfer=Yes
   Frame=56   Transfer=Yes

TABLE:  "FRAME LOCAL AXES ASSIGNMENTS 1 - TYPICAL"
   Frame=19   Angle=180
   Frame=20   Angle=180
   Frame=21   Angle=180
   Frame=22   Angle=180
   Frame=23   Angle=180
   Frame=24   Angle=180
   Frame=25   Angle=180
   Frame=26   Angle=180
   Frame=27   Angle=180
   Frame=28   Angle=180
   Frame=29   Angle=180
   Frame=30   Angle=180
   Frame=31   Angle=180
   Frame=32   Angle=180
   Frame=33   Angle=180
   Frame=34   Angle=180
   Frame=35   Angle=180
   Frame=36   Angle=180
   Frame=37   Angle=180
   Frame=38   Angle=180
   Frame=39   Angle=180
   Frame=40   Angle=180
   Frame=41   Angle=180
   Frame=42   Angle=180
   Frame=43   Angle=180

TABLE:  "FRAME OUTPUT STATION ASSIGNMENTS"
   Frame=1    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=2    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=3    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=4    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=5    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=6    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=7    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=8    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=9    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=10   StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=11   StationType=MaxStaSpcg   MaxStaSpcg=0.5   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=12   StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=13   StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=14   StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=15   StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=16   StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=17   StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
```

```
   Frame=18   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=19   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=20   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=21   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=22   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=23   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=24   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=25   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=26   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=27   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=28   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=29   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=30   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=31   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=32   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=33   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=34   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=35   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=36   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=37   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=38   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=39   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=40   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=41   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=42   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=43   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=44   StationType=MaxStaSpcg   MaxStaSpcg=0.5   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=45   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=46   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=47   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=48   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=49   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=50   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=51   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=52   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=53   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=54   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=55   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=56   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes

TABLE:  "FRAME RELEASE ASSIGNMENTS 1 - GENERAL"
   Frame=13    PI=No    V2I=No    V3I=No    TI=No    M2I=No    M3I=Yes    PJ=No    V2J=No    V3J=No    TJ=No
M2J=No    M3J=No
   Frame=42    PI=No    V2I=No    V3I=No    TI=No    M2I=No    M3I=Yes    PJ=No    V2J=No    V3J=No    TJ=No
M2J=No    M3J=No

TABLE:  "FRAME SECTION ASSIGNMENTS"
   Frame=1    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=2    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=3    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=4    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=5    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=6    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=7    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=8    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=9    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=10    AutoSelect=N.A.    AnalSect=100x120    MatProp=Default
   Frame=11    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=12    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=13    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=14    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=15    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=16    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=17    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=18    AutoSelect=N.A.    AnalSect=100x150    MatProp=Default
   Frame=19    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=20    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=21    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=22    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=23    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=24    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=25    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=26    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=27    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=28    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=29    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=30    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=31    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=32    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=33    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=34    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=35    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
   Frame=36    AutoSelect=N.A.    AnalSect=100x100    MatProp=Default
```

```
   Frame=37   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=38   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=39   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=40   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=41   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=42   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=43   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=44   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=45   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=46   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=47   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=48   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=49   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=50   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=51   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=52   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=53   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=54   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=55   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=56   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default

TABLE:  "FRAME SECTION PROPERTIES 01 - GENERAL"
   SectionName=100x100       Material=Rck40       Shape=Rectangular       t3=1       t2=1       Area=1
TorsConst=0.140833333333333       I33=8.33333333333333E-02       I22=8.33333333333333E-02       I23=0
AS2=0.833333333333333   AS3=0.833333333333333 _
        S33=0.166666666666667    S22=0.166666666666667    Z33=0.25    Z22=0.25    R33=0.288675134594813
R22=0.288675134594813    Color=White    FromFile=No    AMod=1    A2Mod=1    A3Mod=1    JMod=1    I2Mod=1
I3Mod=1    MMod=1    WMod=1    Notes="Added 17/02/2015 14.58.21"
   SectionName=100x120       Material=Rck40       Shape=Rectangular       t3=1.2       t2=1       Area=1.2
TorsConst=0.198439429012346     I33=0.144     I22=0.1     I23=0     AS2=1     AS3=1     S33=0.24     S22=0.2
Z33=0.36    Z22=0.3    R33=0.346410161513775 _
        R22=0.288675134594813     Color=Blue     FromFile=No     AMod=1     A2Mod=1     A3Mod=1     JMod=1
I2Mod=1    I3Mod=1    MMod=1    WMod=1    Notes="Added 17/02/2015 14.59.02"
   SectionName=100x150       Material=Rck40       Shape=Rectangular       t3=1.5       t2=1       Area=1.5
TorsConst=0.293456790123457     I33=0.28125     I22=0.125     I23=0     AS2=1.25     AS3=1.25     S33=0.375
S22=0.25    Z33=0.5625    Z22=0.375 _
        R33=0.433012701892219     R22=0.288675134594813     Color=Gray8Dark     FromFile=No     AMod=1
A2Mod=1    A3Mod=1    JMod=1    I2Mod=1    I3Mod=1    MMod=1    WMod=1    Notes="Added 17/02/2015 14.56.31"

TABLE:  "FRAME SECTION PROPERTIES 02 - CONCRETE COLUMN"
   SectionName=100x100       RebarMatL=A615Gr60       RebarMatC=A615Gr60       ReinfConfig=Rectangular
LatReinf=Ties       Cover=0.04       NumBars3Dir=3       NumBars2Dir=3       BarSizeL=#9       BarSizeC=#4
SpacingC=0.15    NumCBars2=3    NumCBars3=3    ReinfType=Design
   SectionName=100x120       RebarMatL=A615Gr60       RebarMatC=A615Gr60       ReinfConfig=Rectangular
LatReinf=Ties       Cover=0.04       NumBars3Dir=3       NumBars2Dir=3       BarSizeL=#9       BarSizeC=#4
SpacingC=0.15    NumCBars2=3    NumCBars3=3    ReinfType=Design
   SectionName=100x150       RebarMatL=A615Gr60       RebarMatC=A615Gr60       ReinfConfig=Rectangular
LatReinf=Ties       Cover=0.04       NumBars3Dir=3       NumBars2Dir=3       BarSizeL=#9       BarSizeC=#4
SpacingC=0.15    NumCBars2=3    NumCBars3=3    ReinfType=Design

TABLE:  "FRAME SECTION PROPERTIES 13 - TIME DEPENDENT"
   SectionName=100x100    TypeSize=Auto    AutoSFSize=1
   SectionName=100x120    TypeSize=Auto    AutoSFSize=1
   SectionName=100x150    TypeSize=Auto    AutoSFSize=1

TABLE:  "FRAME SPRING ASSIGNMENTS"
   Frame=1    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=2    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=3    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=4    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=5    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=6    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=7    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=8    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=9    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=10    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=11    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=12    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=13    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
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   Frame=14    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=15    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=16    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=17    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=18    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=37    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=38    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=39    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=40    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=41    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=42    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=43    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=44    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=45    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=46    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=47    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=48    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=49    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=50    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=51    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=52    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=53    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=54    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2

TABLE:  "FUNCTION - PLOT FUNCTIONS"
   PlotFunc="Input Energy"   Type=Energy   Component=Input   Mode=All

TABLE:  "FUNCTION - POWER SPECTRAL DENSITY - USER"
   Name=UNIFPSD   Frequency=0   Value=1
   Name=UNIFPSD   Frequency=1   Value=1

TABLE:  "FUNCTION - RESPONSE SPECTRUM - USER"
   Name=UNIFRS   Period=0   Accel=1   FuncDamp=0.05
   Name=UNIFRS   Period=1   Accel=1

TABLE:  "FUNCTION - STEADY STATE - USER"
   Name=UNIFSS   Frequency=0   Value=1
   Name=UNIFSS   Frequency=1   Value=1

TABLE:  "FUNCTION - TIME HISTORY - USER"
   Name=RAMPTH   Time=0   Value=0
   Name=RAMPTH   Time=1   Value=1
   Name=RAMPTH   Time=4   Value=1
   Name=UNIFTH   Time=0   Value=1
   Name=UNIFTH   Time=1   Value=1

TABLE:  "GRID LINES"
   CoordSys=GLOBAL    AxisDir=X    XRYZCoord=-7.80028783552717    LineType=Primary    LineColor=Gray4
Visible=Yes   BubbleLoc=End   AllVisible=Yes   BubbleSize=2.4384
   CoordSys=GLOBAL    AxisDir=X    XRYZCoord=0    LineType=Primary    LineColor=Gray4    Visible=Yes
BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=X    XRYZCoord=7.80028783552598    LineType=Primary    LineColor=Gray4
Visible=Yes   BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=Y    XRYZCoord=0    LineType=Primary    LineColor=Gray4    Visible=Yes
BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=Z    XRYZCoord=0    LineType=Primary    LineColor=Gray4    Visible=Yes
BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=Z    XRYZCoord=16.0505008034144    LineType=Primary    LineColor=Gray4
Visible=Yes   BubbleLoc=End
```

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TABLE:  "GROUPS 1 - DEFINITIONS"
   GroupName=All     Selection=Yes     SectionCut=Yes     Steel=Yes     Concrete=Yes     Aluminum=Yes
ColdFormed=Yes      Stage=Yes      Bridge=Yes      AutoSeismic=No      AutoWind=No      SelDesSteel=No
SelDesAlum=No    SelDesCold=No    MassWeight=Yes    Color=Red
   GroupName=DXFIN     Selection=Yes     SectionCut=Yes     Steel=Yes     Concrete=Yes     Aluminum=Yes
ColdFormed=Yes      Stage=Yes      Bridge=Yes      AutoSeismic=No      AutoWind=No      SelDesSteel=No
SelDesAlum=No    SelDesCold=No    MassWeight=Yes    Color=Black
   GroupName=DXFIN-1     Selection=Yes     SectionCut=Yes     Steel=Yes     Concrete=Yes     Aluminum=Yes
ColdFormed=Yes      Stage=Yes      Bridge=Yes      AutoSeismic=No      AutoWind=No      SelDesSteel=No
SelDesAlum=No    SelDesCold=No    MassWeight=Yes    Color=Black

TABLE:  "GROUPS 2 - ASSIGNMENTS"
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=1
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=2
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=3
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=4
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=5
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=6
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=7
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=8
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=9
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=10
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=11
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=12
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=13
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=14
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=15
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=16
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=17
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=18
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=19
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=20
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=21
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=22
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=23
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=24
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=25
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=26
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=27
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=28
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=29
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=30
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=31
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=32
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=33
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=34
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=35
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=36
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=37
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=38
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=39
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=40
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=41
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=42
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=43
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=44
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=45
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=46
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=47
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=48
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=49
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=50
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=51
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=52
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=53
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=54
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=55
   GroupName=DXFIN-1    ObjectType=Frame    ObjectLabel=56

TABLE:  "JOINT COORDINATES"
   Joint=1    CoordSys=GLOBAL    CoordType=Cartesian    XorR=0    Y=0    Z=0    SpecialJt=No
   Joint=2        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-0.855682346919707        Y=0
Z=4.00162427986288E-02    SpecialJt=No
   Joint=3        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-1.7038955422141        Y=0
Z=0.159715674068025    SpecialJt=No
   Joint=4        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-2.53723563161313        Y=0
Z=0.358053451402782    SpecialJt=No
   Joint=5        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-3.34842848645735        Y=0
Z=0.633298307426344    SpecialJt=No
   Joint=6        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-4.13039329872021        Y=0
Z=0.983047661822411    SpecialJt=No
   Joint=7        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-4.87630438855743        Y=0
Z=1.40424859317886    SpecialJt=No
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   Joint=8        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-5.57965078487209        Y=0
Z=1.89322448758361   SpecialJt=No
   Joint=9   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-6.2342930588234   Y=0   Z=2.44570713135948
SpecialJt=No
   Joint=10        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-6.83451691418671        Y=0
Z=3.05687396780473   SpecialJt=No
   Joint=11        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.37508306678026        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=12        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=13        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=4.47139019272925   SpecialJt=No
   Joint=14        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=5.53842945410577   SpecialJt=No
   Joint=15        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=6.60546871548234   SpecialJt=No
   Joint=16        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=7.67250797685892   SpecialJt=No
   Joint=17        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=8.73954723823545   SpecialJt=No
   Joint=18        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=9.80658649961197   SpecialJt=No
   Joint=19        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=10.8736257609885   SpecialJt=No
   Joint=20        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.14073663498124        Y=0
Z=11.5331769615921   SpecialJt=No
   Joint=21        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-6.48118543437809        Y=0
Z=12.1927281621956   SpecialJt=No
   Joint=22        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-5.82163423377494        Y=0
Z=12.8522793627992   SpecialJt=No
   Joint=23        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-5.16208303317222        Y=0
Z=13.5118305634024   SpecialJt=No
   Joint=24        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-4.29100152727008        Y=0
Z=14.2558044530583   SpecialJt=No
   Joint=25        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-3.31426132275067        Y=0
Z=14.854351620196   SpecialJt=No
   Joint=26        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-2.2559130050638        Y=0
Z=15.2927338470968   SpecialJt=No
   Joint=27        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-1.14201662224758        Y=0
Z=15.5601567084273   SpecialJt=No
   Joint=28   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-5.79234E-11   Y=0   Z=15.6500353658163
SpecialJt=No
   Joint=29        CoordSys=GLOBAL        CoordType=Cartesian        XorR=1.14201662213173        Y=0
Z=15.5601567084273   SpecialJt=No
   Joint=30        CoordSys=GLOBAL        CoordType=Cartesian        XorR=2.25591300494796        Y=0
Z=15.2927338470968   SpecialJt=No
   Joint=31   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.31426132263482   Y=0   Z=14.854351620196
SpecialJt=No
   Joint=32        CoordSys=GLOBAL        CoordType=Cartesian        XorR=4.29100152715424        Y=0
Z=14.2558044530583   SpecialJt=No
   Joint=33        CoordSys=GLOBAL        CoordType=Cartesian        XorR=5.16208303305638        Y=0
Z=13.5118305634024   SpecialJt=No
   Joint=34   CoordSys=GLOBAL   CoordType=Cartesian   XorR=5.8216342336591   Y=0   Z=12.8522793627992
SpecialJt=No
   Joint=35        CoordSys=GLOBAL        CoordType=Cartesian        XorR=6.48118543426224        Y=0
Z=12.1927281621956   SpecialJt=No
   Joint=36        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.14073663486539        Y=0
Z=11.5331769615921   SpecialJt=No
   Joint=37        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=10.8736257609885   SpecialJt=No
   Joint=38        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=9.80658649961197   SpecialJt=No
   Joint=39        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=8.73954723823545   SpecialJt=No
   Joint=40        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=7.67250797685892   SpecialJt=No
   Joint=41        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=6.60546871548234   SpecialJt=No
   Joint=42        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=5.53842945410577   SpecialJt=No
   Joint=43        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=4.47139019272925   SpecialJt=No
   Joint=44        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=45        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.37508306666442        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=46        CoordSys=GLOBAL        CoordType=Cartesian        XorR=6.83451691407086        Y=0
Z=3.05687396780473   SpecialJt=No
   Joint=47        CoordSys=GLOBAL        CoordType=Cartesian        XorR=6.23429305870755        Y=0
Z=2.44570713135948   SpecialJt=No
   Joint=48        CoordSys=GLOBAL        CoordType=Cartesian        XorR=5.57965078475624        Y=0
Z=1.89322448758361   SpecialJt=No
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   Joint=49        CoordSys=GLOBAL        CoordType=Cartesian        XorR=4.87630438844158        Y=0
Z=1.40424859317886   SpecialJt=No
   Joint=50        CoordSys=GLOBAL        CoordType=Cartesian        XorR=4.13039329860436        Y=0
Z=0.983047661822411   SpecialJt=No
   Joint=51        CoordSys=GLOBAL        CoordType=Cartesian        XorR=3.3484284863415        Y=0
Z=0.633298307426344   SpecialJt=No
   Joint=52        CoordSys=GLOBAL        CoordType=Cartesian        XorR=2.53723563149728        Y=0
Z=0.358053451402782   SpecialJt=No
   Joint=53        CoordSys=GLOBAL        CoordType=Cartesian        XorR=1.70389554209825        Y=0
Z=0.159715674068025   SpecialJt=No
   Joint=54        CoordSys=GLOBAL        CoordType=Cartesian        XorR=0.85568234680386        Y=0
Z=4.00162427986288E-02   SpecialJt=No

TABLE:  "JOINT PATTERN DEFINITIONS"
   Pattern=Default

TABLE:  "LOAD CASE DEFINITIONS"
   Case=DEAD      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case=Ricoprimento    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta Ka DX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta Ka SX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  Ka  DX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  Ka  SX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta K0 DX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta K0 SX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  K0  DX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  K0  SX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case=Q      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="WOOD SX SLV"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="WOOD SX SLD"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +X  SLV"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +Z  SLV"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +X  SLD"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +Z  SLD"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case=SLU-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-3      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-4      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-5      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-6      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-7      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-8      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-9      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-10      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-11      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-12      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-13      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-14      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=RARA-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=RARA-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
```

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   Case=RARA-3      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-4      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-5      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-6      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-7      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-8      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-9      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-10     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-11     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-12     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-13     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-14     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-3      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-4      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-5      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-6      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-7      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-8      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-9      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-10     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-11     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-12     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-13     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-14     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=QP-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=QP-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-1"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-2"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-3"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-4"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-1"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-2"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-3"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-4"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes

TABLE:  "LOAD PATTERN DEFINITIONS"
   LoadPat=DEAD    DesignType=DEAD    SelfWtMult=1
   LoadPat=Ricoprimento    DesignType=DEAD    SelfWtMult=0
   LoadPat="Spinta Ka DX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Spinta Ka SX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Q Spinta Ka DX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Q Spinta Ka SX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Spinta K0 DX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Spinta K0 SX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Q Spinta K0 DX"    DesignType=DEAD    SelfWtMult=0
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   LoadPat="Q Spinta K0 SX"   DesignType=DEAD   SelfWtMult=0
   LoadPat=Q   DesignType=DEAD   SelfWtMult=0
   LoadPat="WOOD SX SLV"   DesignType=DEAD   SelfWtMult=0
   LoadPat="WOOD SX SLD"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +X SLV"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +Z SLV"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +X SLD"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +Z SLD"   DesignType=DEAD   SelfWtMult=0

TABLE:  "MASS SOURCE"
   MassSource=MSSSRC1   Elements=Yes   Masses=Yes   Loads=No   IsDefault=Yes

TABLE:  "MATERIAL PROPERTIES 01 - GENERAL"
   Material=A615Gr60   Type=Rebar   SymType=Uniaxial   TempDepend=No   Color=White   Notes="ASTM A615
Grade 60 17/02/2015 14.56.31"
   Material=A992Fy50   Type=Steel   SymType=Isotropic   TempDepend=No   Color=Cyan   Notes="ASTM A992
Grade 50 16/02/2015 18.26.43"
   Material=Rck40   Type=Concrete   SymType=Isotropic   TempDepend=No   Color=Red   Notes="Customary
f'c 4000 psi 16/02/2015 18.26.43"
   Material=Rck45   Type=Concrete   SymType=Isotropic   TempDepend=No   Color=Red   Notes="Customary
f'c 4000 psi 16/02/2015 18.26.43"

TABLE:  "MATERIAL PROPERTIES 02 - BASIC MECHANICAL PROPERTIES"
   Material=A615Gr60   UnitWeight=76.9728639422648   UnitMass=7.84904737995992   E1=199947978.795958
A1=0.0000117
   Material=A992Fy50   UnitWeight=76.9728639422648   UnitMass=7.84904737995992   E1=199947978.795958
G12=76903068.7676762   U12=0.3   A1=0.0000117
   Material=Rck40   UnitWeight=25   UnitMass=2.54929048055605   E1=33643000   G12=14017916.6666667
U12=0.2   A1=0.0000099
   Material=Rck45   UnitWeight=25   UnitMass=2.54929048055605   E1=34625000   G12=14427083.3333333
U12=0.2   A1=0.0000099

TABLE:  "MATERIAL PROPERTIES 03A - STEEL DATA"
   Material=A992Fy50   Fy=344737.894475789   Fu=448159.262818526   EffFy=379211.683923368
EffFu=492975.189100378   SSCurveOpt=Simple   SSHysType=Kinematic   SHard=0.015   SMax=0.11
SRup=0.17   FinalSlope=-0.1

TABLE:  "MATERIAL PROPERTIES 03B - CONCRETE DATA"
   Material=Rck40   Fc=27579.0315580631   LtWtConc=No   SSCurveOpt=Mander   SSHysType=Takeda
SFc=0.00221914   SCap=0.005   FinalSlope=-0.1   FAngle=0   DAngle=0
   Material=Rck45   Fc=27579.0315580631   LtWtConc=No   SSCurveOpt=Mander   SSHysType=Takeda
SFc=0.00221914   SCap=0.005   FinalSlope=-0.1   FAngle=0   DAngle=0

TABLE:  "MATERIAL PROPERTIES 03E - REBAR DATA"
   Material=A615Gr60   Fy=413685.473370947   Fu=620528.21005642   EffFy=455054.020708041
EffFu=682581.031062062   SSCurveOpt=Simple   SSHysType=Kinematic   SHard=0.01   SCap=0.09
FinalSlope=-0.1   UseCTDef=No

TABLE:  "MATERIAL PROPERTIES 06 - DAMPING PARAMETERS"
   Material=A615Gr60   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0
   Material=A992Fy50   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0
   Material=Rck40   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0
   Material=Rck45   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0

TABLE:  "OPTIONS - COLORS - DISPLAY"
   DeviceType=Screen   Points=Gray8Dark   LinesFrame=Black   LinesFrmDL=Gray4   LinesCable=Black
LinesTendon=Black   SpringLinks=Gray8Dark   Restraints=Gray8Dark   Releases=Gray4   Axes=Black
Text=Black   ShadowLines=Gray4 _
       GuideLines=Gray4   Highlight=Black   Selection=Black   AreaFillBot=Gray4
AreaFillTop=Gray8Dark   AreaFillSd=Gray4   AreaEdge=Black   SolidF1=Gray1Light   SolidF2=Gray2
SolidF3=Gray3   SolidF4=Gray4   SolidF5=Gray5 _
       SolidF6=Gray6   SolidEdge=Black   Floor=Gray4   Background=White   BGLowLeft=White
BGLowRight=White   BGUpRight=White   Darkness=0.5
   DeviceType=Printer   Points=Gray8Dark   LinesFrame=Black   LinesFrmDL=Gray4   LinesCable=Black
LinesTendon=Black   SpringLinks=Gray8Dark   Restraints=Gray8Dark   Releases=Gray4   Axes=Black
Text=Black   ShadowLines=Gray4 _
       GuideLines=Gray4   Highlight=Black   Selection=Black   AreaFillBot=Gray4
AreaFillTop=Gray8Dark   AreaFillSd=Gray4   AreaEdge=Black   SolidF1=Gray1Light   SolidF2=Gray2
SolidF3=Gray3   SolidF4=Gray4   SolidF5=Gray5 _
       SolidF6=Gray6   SolidEdge=Black   Floor=Gray4   Background=White   BGLowLeft=White
BGLowRight=White   BGUpRight=White   Darkness=0.5
   DeviceType="Color Printer"   Points=Blue   LinesFrame=Blue   LinesFrmDL=Blue   LinesCable=Green
LinesTendon=Green   SpringLinks=Green   Restraints=Green   Releases=Green   Axes=Cyan   Text=Black
ShadowLines=Gray8Dark _
       GuideLines=Gray8Dark   Highlight=Red   Selection=10504778   AreaFillBot=Red
AreaFillTop=16744703   AreaFillSd=Red   AreaEdge=DarkRed   SolidF1=Red   SolidF2=Blue   SolidF3=Green
SolidF4=Yellow   SolidF5=White   SolidF6=Cyan _
       SolidEdge=DarkRed   Floor=Gray4   Background=White   BGLowLeft=White   BGLowRight=White
BGUpRight=White   Darkness=0.5

TABLE:  "OPTIONS - COLORS - OUTPUT"
```

```
   DeviceType=Screen      Contour1=13107400      Contour2=6553828      Contour3=Red      Contour4=16639
Contour5=Orange        Contour6=43775        Contour7=54527        Contour8=Yellow        Contour9=65408
Contour10=Green    Contour11=8453888    Contour12=Cyan _
        Contour13=16755200     Contour14=16733440     Contour15=Blue     Transpare=0.5     Ratio1=Cyan
Ratio2=Green     Ratio3=Yellow     Ratio4=Orange     Ratio5=Red     RatioNotD=Gray4     RatioNotC=Red
RatioVal1=0.5   RatioVal2=0.7   RatioVal3=0.9 _
        RatioVal4=1   DFillPos=Gray8Dark   DFillNeg=Gray8Dark   DFillRPos=4210752   DFillRNeg=4210752
   DeviceType=Printer     Contour1=Black     Contour2=3158064     Contour3=4210752     Contour4=5263440
Contour5=6316128      Contour6=7368816      Contour7=Gray8Dark      Contour8=Gray7      Contour9=Gray6
Contour10=Gray5    Contour11=Gray4 _
        Contour12=Gray3     Contour13=Gray2     Contour14=Gray1Light     Contour15=White     Transpare=0
Ratio1=Gray2     Ratio2=Gray4     Ratio3=Gray8Dark     Ratio4=4210752     Ratio5=Black     RatioNotD=Gray4
RatioNotC=Black    RatioVal1=0.5 _
        RatioVal2=0.7     RatioVal3=0.9     RatioVal4=1     DFillPos=Gray8Dark     DFillNeg=Gray8Dark
DFillRPos=4210752    DFillRNeg=4210752
   DeviceType="Color Printer"    Contour1=13107400    Contour2=6553828    Contour3=Red    Contour4=16639
Contour5=Orange        Contour6=43775        Contour7=54527        Contour8=Yellow        Contour9=65408
Contour10=Green    Contour11=8453888 _
        Contour12=Cyan     Contour13=16755200     Contour14=16733440     Contour15=Blue     Transpare=0
Ratio1=Cyan      Ratio2=Green      Ratio3=Yellow      Ratio4=Orange      Ratio5=Red      RatioNotD=Gray4
RatioNotC=Red    RatioVal1=0.5    RatioVal2=0.7 _
        RatioVal3=0.9       RatioVal4=1       DFillPos=Blue       DFillNeg=Red       DFillRPos=Green
DFillRNeg=Green

TABLE:  "OVERWRITES - CONCRETE DESIGN - ACI 318-11"
   Frame=1    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=2    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=3    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=4    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=5    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=6    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=7    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=8    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=9    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=10    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=11    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=12    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=13    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=14    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=15    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=16    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=17    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=18    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=19    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
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   Frame=20   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=21   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=22   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=23   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=24   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=25   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=26   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=27   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=28   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=29   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=30   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=31   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=32   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=33   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=34   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=35   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=36   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=37   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=38   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=39   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=40   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=41   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=42   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=43   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=44   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=45   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=46   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
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   Frame=47   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=48   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=49   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=50   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=51   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=52   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=53   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=54   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=55   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=56   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0

TABLE:  "PREFERENCES - ALUMINUM DESIGN - AA-ASD 2000"
   THDesign=Envelopes   FrameType="Moment   Frame"   SRatioLimit=1   MaxIter=1
LatFact=1.33333333333333   UseLatFact=No   Bridge=No

TABLE:  "PREFERENCES - COLD FORMED DESIGN - AISI-ASD96"
   THDesign=Envelopes   FrameType="Braced  Frame"   SRatioLimit=1   MaxIter=1   OmegaBS=1.67
OmegaBUS=1.67   OmegaBLTB=1.67   OmegaVS=1.67   OmegaVNS=1.5   OmegaT=1.67   OmegaC=1.8

TABLE:  "PREFERENCES - CONCRETE DESIGN - ACI 318-11"
   THDesign=Envelopes   NumCurves=24   NumPoints=11   MinEccen=Yes   PatLLF=0.75   UFLimit=0.95
SeisCat=D   PhiT=0.9   PhiCTied=0.65   PhiCSpiral=0.75   PhiV=0.75   PhiVSeismic=0.6   PhiVJoint=0.85

TABLE:  "PREFERENCES - DIMENSIONAL"
   MergeTol=0.001   FineGrid=0.25   Nudge=0.25   SelectTol=3   SnapTol=12   SLineThick=1
PLineThick=4   MaxFont=12   MinFont=6   AutoZoom=10   ShrinkFact=70   TextFileLen=240

TABLE:  "PREFERENCES - STEEL DESIGN - AISC 360-10"
   THDesign=Envelopes   FrameType=SMF   PatLLF=0.75   SRatioLimit=0.95   MaxIter=1   SDC=D
SeisCode=Yes   SeisLoad=Yes   ImpFactor=1   SystemRho=1   SystemSds=0.5   SystemR=8   SystemCd=5.5
Omega0=3   Provision=LRFD _
       AMethod="Direct  Analysis"   SOMethod="General  2nd  Order"   SRMethod="Tau-b  Fixed"
NLCoeff=0.002   PhiB=0.9   PhiC=0.9   PhiTY=0.9   PhiTF=0.75   PhiV=0.9   PhiVRolledI=1   PhiVT=0.9
PlugWeld=Yes   HSSWelding=ERW   HSSReduceT=No _
       CheckDefl=No   DLRat=120   SDLAndLLRat=120   LLRat=360   TotalRat=240   NetRat=240

TABLE:  "PROGRAM CONTROL"
   ProgramName=SAP2000   Version=16.1.1   CurrUnits="KN,  m,  C"   SteelCode="AISC  360-10"
ConcCode="ACI 318-11"   AlumCode="AA-ASD 2000"   ColdCode=AISI-ASD96   RegenHinge=Yes

TABLE:  "PROJECT INFORMATION"
   Item="Company Name"   Data=Rocksoil
   Item="Client Name"
   Item="Project Name"
   Item="Project Number"
   Item="Model Name"
   Item="Model Description"
   Item="Revision Number"
   Item="Frame Type"
   Item=Engineer
   Item=Checker
   Item=Supervisor
   Item="Issue Code"
   Item="Design Code"

TABLE:  "REBAR SIZES"
   RebarID=#2   Area=0.000032258   Diameter=0.00635
   RebarID=#3   Area=7.09675996154547E-05   Diameter=0.009525
   RebarID=#4   Area=1.29032001922727E-04   Diameter=0.0127
   RebarID=#5   Area=1.99999601538181E-04   Diameter=0.015875
   RebarID=#6   Area=2.83870398461819E-04   Diameter=0.01905
   RebarID=#7   Area=3.87096015381813E-04   Diameter=0.022225
   RebarID=#8   Area=5.09676413843632E-04   Diameter=0.0254
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   RebarID=#9   Area=0.00064516   Diameter=2.86512005329132E-02
   RebarID=#10   Area=8.19353187694455E-04   Diameter=3.22579995155334E-02
   RebarID=#11   Area=1.00644956308365E-03   Diameter=3.58139991521835E-02
   RebarID=#14   Area=0.00145161   Diameter=4.30021989583969E-02
   RebarID=#18   Area=0.00258064   Diameter=5.73277992248535E-02
   RebarID=10M   Area=1.00000004162606E-04   Diameter=1.13000003604438E-02
   RebarID=15M   Area=2.00000008325212E-04   Diameter=1.60000002402959E-02
   RebarID=20M   Area=3.00000012487818E-04   Diameter=1.95000002928606E-02
   RebarID=25M   Area=5.00000020813031E-04   Diameter=2.52000011414055E-02
   RebarID=30M   Area=7.00000029138243E-04   Diameter=2.99000000675832E-02
   RebarID=35M   Area=1.00000004162606E-03   Diameter=3.57000012990997E-02
   RebarID=45M   Area=1.50000006243909E-03   Diameter=4.37000014192476E-02
   RebarID=55M   Area=2.50000010406515E-03   Diameter=0.056400002372922
   RebarID=6d   Area=2.83000004150781E-05   Diameter=6.00000009011096E-03
   RebarID=8d   Area=5.03000013308514E-05   Diameter=8.00000012014795E-03
   RebarID=10d   Area=7.85000032676458E-05   Diameter=1.00000001501849E-02
   RebarID=12d   Area=1.13000004703745E-04   Diameter=1.20000001802219E-02
   RebarID=14d   Area=1.54000006410413E-04   Diameter=1.40000002102589E-02
   RebarID=16d   Area=2.01000008366838E-04   Diameter=1.60000002402959E-02
   RebarID=20d   Area=3.14000013070583E-04   Diameter=2.00000003003699E-02
   RebarID=25d   Area=4.91000020438396E-04   Diameter=2.50000003754623E-02
   RebarID=26d   Area=5.31000022103439E-04   Diameter=2.60000003904808E-02
   RebarID=28d   Area=6.16000025641654E-04   Diameter=2.80000004205178E-02
   RebarID=N12   Area=1.13000004703745E-04   Diameter=1.20000001802219E-02
   RebarID=N16   Area=2.01000008366838E-04   Diameter=1.60000002402959E-02
   RebarID=N20   Area=3.14000013070583E-04   Diameter=2.00000003003699E-02
   RebarID=N24   Area=4.52000018814 98E-04   Diameter=2.40000003604438E-02
   RebarID=N28   Area=6.16000025641654E-04   Diameter=2.80000004205178E-02
   RebarID=N32   Area=8.04000033467353E-04   Diameter=3.20000004805918E-02
   RebarID=N36   Area=1.02000004245858E-03   Diameter=3.60000005406658E-02

TABLE:  "SOLID PROPERTY DEFINITIONS"
   SolidProp=SOLID1     Material=Rck40     MatAngleA=0     MatAngleB=0     MatAngleC=0     InComp=Yes
Color=Magenta   Notes="Added 16/02/2015 18.26.50"

END TABLE DATA
```

12.2. CON FALDA

```
TABLE:  "ACTIVE DEGREES OF FREEDOM"
   UX=Yes    UY=No    UZ=Yes    RX=No    RY=Yes    RZ=No

TABLE:  "ANALYSIS OPTIONS"
   Solver=Advanced    SolverProc=Auto    Force32Bit=No    StiffCase=None    GeomMod=No

TABLE:  "AUTO WAVE 3 - WAVE CHARACTERISTICS - GENERAL"
   WaveChar=Default      WaveType="From  Theory"      KinFactor=1      SWaterDepth=45      WaveHeight=18
WavePeriod=12    WaveTheory=Linear

TABLE:  "CASE - STATIC 1 - LOAD ASSIGNMENTS"
   Case=DEAD    LoadType="Load pattern"    LoadName=DEAD    LoadSF=1
   Case=Ricoprimento    LoadType="Load pattern"    LoadName=Ricoprimento    LoadSF=1
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   Case="Spinta Ka SX"    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1
   Case="Q Spinta Ka DX"    LoadType="Load pattern"    LoadName="Q Spinta Ka DX"    LoadSF=1
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   Case="Spinta K0 DX"    LoadType="Load pattern"    LoadName="Spinta K0 DX"    LoadSF=1
   Case="Spinta K0 SX"    LoadType="Load pattern"    LoadName="Spinta K0 SX"    LoadSF=1
   Case="Q Spinta K0 DX"    LoadType="Load pattern"    LoadName="Q Spinta K0 DX"    LoadSF=1
   Case="Q Spinta K0 SX"    LoadType="Load pattern"    LoadName="Q Spinta K0 SX"    LoadSF=1
   Case=Q    LoadType="Load pattern"    LoadName=Q    LoadSF=1
   Case="WOOD SX SLV"    LoadType="Load pattern"    LoadName="WOOD SX SLV"    LoadSF=1
   Case="WOOD SX SLD"    LoadType="Load pattern"    LoadName="WOOD SX SLD"    LoadSF=1
   Case="Inerzia +X SLV"    LoadType="Load pattern"    LoadName="Inerzia +X SLV"    LoadSF=1
   Case="Inerzia +Z SLV"    LoadType="Load pattern"    LoadName="Inerzia +Z SLV"    LoadSF=1
   Case="Inerzia +X SLD"    LoadType="Load pattern"    LoadName="Inerzia +X SLD"    LoadSF=1
   Case="Inerzia +Z SLD"    LoadType="Load pattern"    LoadName="Inerzia +Z SLD"    LoadSF=1
   Case=Falda    LoadType="Load pattern"    LoadName=Falda    LoadSF=1
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   Case=SLU-1    LoadType="Load pattern"    LoadName=Falda    LoadSF=1.3
   Case=SLU-1    LoadType="Load pattern"    LoadName="Spinta Ka DX"    LoadSF=1.3
   Case=SLU-1    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1.3
   Case=SLU-1    LoadType="Load pattern"    LoadName=Ricoprimento    LoadSF=1.3
   Case=SLU-1    LoadType="Load pattern"    LoadName=Q    LoadSF=0
   Case=SLU-1    LoadType="Load pattern"    LoadName="Q Spinta Ka DX"    LoadSF=0
   Case=SLU-1    LoadType="Load pattern"    LoadName="Q Spinta Ka SX"    LoadSF=0
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   Case=SLU-2    LoadType="Load pattern"    LoadName="Spinta Ka DX"    LoadSF=1.3
   Case=SLU-2    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1.3
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   Case=SLU-3    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1.3
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   Case=SLU-3    LoadType="Load pattern"    LoadName="Q Spinta Ka SX"    LoadSF=0
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   Case=SLU-4    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1.3
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   Case=SLU-4    LoadType="Load pattern"    LoadName="Q Spinta Ka DX"    LoadSF=0
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   Case=SLU-5    LoadType="Load pattern"    LoadName=Falda    LoadSF=1.3
   Case=SLU-5    LoadType="Load pattern"    LoadName="Spinta Ka DX"    LoadSF=1.3
   Case=SLU-5    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1.3
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   Case=SLU-5    LoadType="Load pattern"    LoadName="Q Spinta Ka DX"    LoadSF=0
   Case=SLU-5    LoadType="Load pattern"    LoadName="Q Spinta Ka SX"    LoadSF=0
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   Case=SLU-6    LoadType="Load pattern"    LoadName=Falda    LoadSF=1.3
   Case=SLU-6    LoadType="Load pattern"    LoadName="Spinta Ka DX"    LoadSF=1.3
   Case=SLU-6    LoadType="Load pattern"    LoadName="Spinta Ka SX"    LoadSF=1.3
   Case=SLU-6    LoadType="Load pattern"    LoadName=Ricoprimento    LoadSF=1.3
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Case=SLU-6   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=1.5
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Case=SLU-10   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=1.5
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Case=SLU-13   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
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Case=RARA-1   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=RARA-1   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=RARA-1   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=RARA-2   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=RARA-2   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=RARA-2   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=RARA-2   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
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Case=RARA-2   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0.75
Case=RARA-2   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0.75
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Case=RARA-3   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
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Case=RARA-10   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
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Case=RARA-11   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
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Case=RARA-12   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
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Case=RARA-13   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=RARA-13   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
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Case=FREQ-1   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-1   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-1   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-1   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-2   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-2   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-2   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0.75
Case=FREQ-2   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0.75
Case=FREQ-3   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-3   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-3   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0.75
Case=FREQ-3   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-4   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-4   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-4   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-4   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0.75
Case=FREQ-5   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-5   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-5   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-5   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-6   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-6   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-6   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0.75
Case=FREQ-6   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0
Case=FREQ-7   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-7   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-7   LoadType="Load pattern"   LoadName="Q Spinta Ka DX"   LoadSF=0
Case=FREQ-7   LoadType="Load pattern"   LoadName="Q Spinta Ka SX"   LoadSF=0.75
Case=FREQ-8   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-8   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-8   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=FREQ-8   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-9   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-9   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
```

```
Case=FREQ-9   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=FREQ-9   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=FREQ-10   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-10   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-10   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=FREQ-10   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-11   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-11   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-11   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=FREQ-11   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=FREQ-12   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-12   LoadType="Load pattern"   LoadName=Q   LoadSF=0.75
Case=FREQ-12   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=FREQ-12   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-13   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-13   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-13   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0.75
Case=FREQ-13   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0
Case=FREQ-14   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=FREQ-14   LoadType="Load pattern"   LoadName=Q   LoadSF=0
Case=FREQ-14   LoadType="Load pattern"   LoadName="Q Spinta K0 DX"   LoadSF=0
Case=FREQ-14   LoadType="Load pattern"   LoadName="Q Spinta K0 SX"   LoadSF=0.75
Case=QP-1   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=QP-1   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=QP-1   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case=QP-1   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case=QP-1   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case=QP-2   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case=QP-2   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case=QP-2   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case=QP-2   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case=QP-2   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
Case="SISMA SLV-1"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
Case="SISMA SLV-2"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=-1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
Case="SISMA SLV-3"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=1
Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="WOOD SX SLV"   LoadSF=1
Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Inerzia +X SLV"   LoadSF=1
```

```
   Case="SISMA SLV-4"   LoadType="Load pattern"   LoadName="Inerzia +Z SLV"   LoadSF=-1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-1"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Spinta Ka DX"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Spinta Ka SX"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-2"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=-1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-3"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName=DEAD   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName=Falda   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Spinta K0 DX"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Spinta K0 SX"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName=Ricoprimento   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="WOOD SX SLD"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Inerzia +X SLD"   LoadSF=1
   Case="SISMA SLD-4"   LoadType="Load pattern"   LoadName="Inerzia +Z SLD"   LoadSF=-1

TABLE:  "CASE - STATIC 2 - NONLINEAR LOAD APPLICATION"
   Case=DEAD   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=Ricoprimento   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta Ka DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta Ka SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta Ka DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta Ka SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta K0 DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Spinta K0 SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta K0 DX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Q Spinta K0 SX"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=Q   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="WOOD SX SLV"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="WOOD SX SLD"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Inerzia +X SLV"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Inerzia +Z SLV"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Inerzia +X SLD"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="Inerzia +Z SLD"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=Falda   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-3   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-4   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-5   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-6   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-7   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-8   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-9   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=SLU-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-3   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-4   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-5   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-6   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-7   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-8   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-9   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=RARA-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
```

```
   Case=FREQ-3   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-4   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-5   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-6   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-7   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-8   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-9   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=FREQ-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=QP-1   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case=QP-2   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-1"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-2"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-3"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLV-4"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-1"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-2"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-3"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28
   Case="SISMA SLD-4"   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=28

TABLE:  "CASE - STATIC 4 - NONLINEAR PARAMETERS"
   Case=DEAD   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes   EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=Ricoprimento   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta Ka DX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta Ka SX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Q Spinta Ka DX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Q Spinta Ka SX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta K0 DX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Spinta K0 SX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Q Spinta K0 DX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="Q Spinta K0 SX"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=Q   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes   EvLumpTol=0.01
LSPerIter=20   LSTol=0.1   LSStepFact=1.618 _
        FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="WOOD SX SLV"   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"
MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001   UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
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        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case="WOOD SX SLD"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case="Inerzia +X SLV"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case="Inerzia +Z SLV"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case="Inerzia +X SLD"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case="Inerzia +Z SLD"    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=Falda    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-1    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-2    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-3    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-4    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-5    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-6    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-7    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-8    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-9    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-10       Unloading="Unload Entire"       GeoNonLin=None       ResultsSave="Final State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
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   Case=SLU-11       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-12       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-13       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-14       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-1       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-2       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-3       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-4       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-5       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-6       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-7       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-8       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-9       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-10       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-11       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-12       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=RARA-13       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
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        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=RARA-14       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-1       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-2       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-3       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-4       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-5       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-6       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-7       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-8       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-9       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-10       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-11       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-12       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-13       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FREQ-14       Unloading="Unload  Entire"       GeoNonLin=None       ResultsSave="Final  State"
MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes
EvLumpTol=0.01    LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=QP-1    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final State"    MaxTotal=200
MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001      UseEvStep=Yes      EvLumpTol=0.01
LSPerIter=20    LSTol=0.1 _
        LSStepFact=1.618    FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes
TFMaxIter=10    TFTol=0.01    TFAccelFact=1    TFNoStop=No
```

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   Case=QP-2   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final State"   MaxTotal=200
MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes     EvLumpTol=0.01
LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-1"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-2"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-3"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLV-4"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-1"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-2"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-3"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case="SISMA  SLD-4"     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final State"
MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001     UseEvStep=Yes
EvLumpTol=0.01   LSPerIter=20   LSTol=0.1 _
        LSStepFact=1.618   FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes
TFMaxIter=10   TFTol=0.01   TFAccelFact=1   TFNoStop=No

TABLE:  "COMBINATION DEFINITIONS"
   ComboName=INV-SLU      ComboType=Envelope      AutoDesign=No      CaseName=SLU-1      ScaleFactor=1
SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName=INV-SLU   CaseName=SLU-2   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-3   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-4   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-5   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-6   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-7   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-8   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-9   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-10   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-11   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-12   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-13   ScaleFactor=1
   ComboName=INV-SLU   CaseName=SLU-14   ScaleFactor=1
   ComboName=INV-RARA      ComboType=Envelope      AutoDesign=No      CaseName=RARA-1      ScaleFactor=1
SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName=INV-RARA   CaseName=RARA-2   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-3   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-4   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-5   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-6   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-7   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-8   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-9   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-10   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-11   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-12   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-13   ScaleFactor=1
   ComboName=INV-RARA   CaseName=RARA-14   ScaleFactor=1
   ComboName=INV-FREQ      ComboType=Envelope      AutoDesign=No      CaseName=FREQ-1      ScaleFactor=1
SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName=INV-FREQ   CaseName=FREQ-2   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-3   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-4   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-5   ScaleFactor=1
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   ComboName=INV-FREQ   CaseName=FREQ-6   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-7   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-8   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-9   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-10   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-11   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-12   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-13   ScaleFactor=1
   ComboName=INV-FREQ   CaseName=FREQ-14   ScaleFactor=1
   ComboName=INV-QP      ComboType=Envelope      AutoDesign=No      CaseName=QP-1      ScaleFactor=1
SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName=INV-QP   CaseName=QP-2   ScaleFactor=1
   ComboName="INV-SISMA  SLV"      ComboType=Envelope      AutoDesign=No      CaseName="SISMA  SLV-1"
ScaleFactor=1   SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName="INV-SISMA SLV"   CaseName="SISMA SLV-2"   ScaleFactor=1
   ComboName="INV-SISMA SLV"   CaseName="SISMA SLV-3"   ScaleFactor=1
   ComboName="INV-SISMA SLV"   CaseName="SISMA SLV-4"   ScaleFactor=1
   ComboName="INV-SISMA  SLD"      ComboType=Envelope      AutoDesign=No      CaseName="SISMA  SLD-1"
ScaleFactor=1   SteelDesign=None   ConcDesign=None   AlumDesign=None   ColdDesign=None
   ComboName="INV-SISMA SLD"   CaseName="SISMA SLD-2"   ScaleFactor=1
   ComboName="INV-SISMA SLD"   CaseName="SISMA SLD-3"   ScaleFactor=1
   ComboName="INV-SISMA SLD"   CaseName="SISMA SLD-4"   ScaleFactor=1

TABLE:  "CONNECTIVITY - FRAME"
   Frame=1   JointI=1   JointJ=2   IsCurved=No
   Frame=2   JointI=2   JointJ=3   IsCurved=No
   Frame=3   JointI=3   JointJ=4   IsCurved=No
   Frame=4   JointI=4   JointJ=5   IsCurved=No
   Frame=5   JointI=5   JointJ=6   IsCurved=No
   Frame=6   JointI=6   JointJ=7   IsCurved=No
   Frame=7   JointI=7   JointJ=8   IsCurved=No
   Frame=8   JointI=8   JointJ=9   IsCurved=No
   Frame=9   JointI=9   JointJ=10   IsCurved=No
   Frame=10   JointI=10   JointJ=11   IsCurved=No
   Frame=11   JointI=11   JointJ=12   IsCurved=No
   Frame=12   JointI=12   JointJ=13   IsCurved=No
   Frame=13   JointI=13   JointJ=14   IsCurved=No
   Frame=14   JointI=14   JointJ=15   IsCurved=No
   Frame=15   JointI=15   JointJ=16   IsCurved=No
   Frame=16   JointI=16   JointJ=17   IsCurved=No
   Frame=17   JointI=17   JointJ=18   IsCurved=No
   Frame=18   JointI=18   JointJ=19   IsCurved=No
   Frame=19   JointI=19   JointJ=20   IsCurved=No
   Frame=20   JointI=20   JointJ=21   IsCurved=No
   Frame=21   JointI=21   JointJ=22   IsCurved=No
   Frame=22   JointI=22   JointJ=23   IsCurved=No
   Frame=23   JointI=23   JointJ=24   IsCurved=No
   Frame=24   JointI=24   JointJ=25   IsCurved=No
   Frame=25   JointI=25   JointJ=26   IsCurved=No
   Frame=26   JointI=26   JointJ=27   IsCurved=No
   Frame=27   JointI=27   JointJ=28   IsCurved=No
   Frame=28   JointI=29   JointJ=28   IsCurved=No
   Frame=29   JointI=30   JointJ=29   IsCurved=No
   Frame=30   JointI=31   JointJ=30   IsCurved=No
   Frame=31   JointI=32   JointJ=31   IsCurved=No
   Frame=32   JointI=33   JointJ=32   IsCurved=No
   Frame=33   JointI=34   JointJ=33   IsCurved=No
   Frame=34   JointI=35   JointJ=34   IsCurved=No
   Frame=35   JointI=36   JointJ=35   IsCurved=No
   Frame=36   JointI=37   JointJ=36   IsCurved=No
   Frame=37   JointI=38   JointJ=37   IsCurved=No
   Frame=38   JointI=39   JointJ=38   IsCurved=No
   Frame=39   JointI=40   JointJ=39   IsCurved=No
   Frame=40   JointI=41   JointJ=40   IsCurved=No
   Frame=41   JointI=42   JointJ=41   IsCurved=No
   Frame=42   JointI=43   JointJ=42   IsCurved=No
   Frame=43   JointI=44   JointJ=43   IsCurved=No
   Frame=44   JointI=45   JointJ=44   IsCurved=No
   Frame=45   JointI=46   JointJ=45   IsCurved=No
   Frame=46   JointI=47   JointJ=46   IsCurved=No
   Frame=47   JointI=48   JointJ=47   IsCurved=No
   Frame=48   JointI=49   JointJ=48   IsCurved=No
   Frame=49   JointI=50   JointJ=49   IsCurved=No
   Frame=50   JointI=51   JointJ=50   IsCurved=No
   Frame=51   JointI=52   JointJ=51   IsCurved=No
   Frame=52   JointI=53   JointJ=52   IsCurved=No
   Frame=53   JointI=54   JointJ=53   IsCurved=No
   Frame=54   JointI=1   JointJ=54   IsCurved=No
   Frame=55   JointI=11   JointJ=13   IsCurved=No
   Frame=56   JointI=45   JointJ=43   IsCurved=No

TABLE:  "COORDINATE SYSTEMS"
   Name=GLOBAL   Type=Cartesian   X=0   Y=0   Z=0   AboutZ=0   AboutY=0   AboutX=0
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TABLE:  "DATABASE DOCUMENTATION"

TABLE:  "DATABASE FORMAT TYPES"
   UnitsCurr=Yes   OverrideE=No

TABLE:  "FRAME AUTO MESH ASSIGNMENTS"
   Frame=1   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=2   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=3   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=4   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=5   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=6   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=7   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=8   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=9   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=10   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=11   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=12   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=13   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=14   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=15   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=16   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=17   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=18   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=19   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=20   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=21   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=22   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=23   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=24   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=25   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=26   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=27   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=28   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=29   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=30   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=31   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=32   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=33   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=34   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=35   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=36   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=37   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=38   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=39   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=40   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=41   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=42   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=43   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=44   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=45   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=46   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=47   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=48   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=49   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=50   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=51   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=52   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=53   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=54   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=55   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0
   Frame=56   AutoMesh=Yes   AtJoints=Yes   AtFrames=No   NumSegments=0   MaxLength=0   MaxDegrees=0

TABLE:  "FRAME DESIGN PROCEDURES"
   Frame=1   DesignProc="From Material"
   Frame=2   DesignProc="From Material"
   Frame=3   DesignProc="From Material"
   Frame=4   DesignProc="From Material"
   Frame=5   DesignProc="From Material"
   Frame=6   DesignProc="From Material"
   Frame=7   DesignProc="From Material"
   Frame=8   DesignProc="From Material"
   Frame=9   DesignProc="From Material"
   Frame=10   DesignProc="From Material"
   Frame=11   DesignProc="From Material"
   Frame=12   DesignProc="From Material"
   Frame=13   DesignProc="From Material"
   Frame=14   DesignProc="From Material"
   Frame=15   DesignProc="From Material"
   Frame=16   DesignProc="From Material"
   Frame=17   DesignProc="From Material"
   Frame=18   DesignProc="From Material"
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   Frame=19   DesignProc="From Material"
   Frame=20   DesignProc="From Material"
   Frame=21   DesignProc="From Material"
   Frame=22   DesignProc="From Material"
   Frame=23   DesignProc="From Material"
   Frame=24   DesignProc="From Material"
   Frame=25   DesignProc="From Material"
   Frame=26   DesignProc="From Material"
   Frame=27   DesignProc="From Material"
   Frame=28   DesignProc="From Material"
   Frame=29   DesignProc="From Material"
   Frame=30   DesignProc="From Material"
   Frame=31   DesignProc="From Material"
   Frame=32   DesignProc="From Material"
   Frame=33   DesignProc="From Material"
   Frame=34   DesignProc="From Material"
   Frame=35   DesignProc="From Material"
   Frame=36   DesignProc="From Material"
   Frame=37   DesignProc="From Material"
   Frame=38   DesignProc="From Material"
   Frame=39   DesignProc="From Material"
   Frame=40   DesignProc="From Material"
   Frame=41   DesignProc="From Material"
   Frame=42   DesignProc="From Material"
   Frame=43   DesignProc="From Material"
   Frame=44   DesignProc="From Material"
   Frame=45   DesignProc="From Material"
   Frame=46   DesignProc="From Material"
   Frame=47   DesignProc="From Material"
   Frame=48   DesignProc="From Material"
   Frame=49   DesignProc="From Material"
   Frame=50   DesignProc="From Material"
   Frame=51   DesignProc="From Material"
   Frame=52   DesignProc="From Material"
   Frame=53   DesignProc="From Material"
   Frame=54   DesignProc="From Material"
   Frame=55   DesignProc="From Material"
   Frame=56   DesignProc="From Material"

TABLE:  "FRAME LOADS - DISTRIBUTED"
   Frame=1    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=156.3   FOverLB=156.3
   Frame=1    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=8.5   FOverLB=8.5
   Frame=1    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=0.2   FOverLB=0.2
   Frame=1    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=12.8   FOverLB=12.8
   Frame=1    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=0.2   FOverLB=0.2
   Frame=1    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=1.4   FOverLB=1.4
   Frame=1    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720013   FOverLA=2.3   FOverLB=2.3
   Frame=2    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=155.5   FOverLB=155.5
   Frame=2    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=25.5   FOverLB=25.5
   Frame=2    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=0.5   FOverLB=0.5
   Frame=2    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=38.2   FOverLB=38.2
   Frame=2    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=0.7   FOverLB=0.7
   Frame=2    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=4.2   FOverLB=4.2
   Frame=2    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720015   FOverLA=7   FOverLB=7
   Frame=3    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=153.9   FOverLB=153.9
   Frame=3    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=41.8   FOverLB=41.8
   Frame=3    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=0.8   FOverLB=0.8
   Frame=3    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=62.7   FOverLB=62.7
   Frame=3    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=1.2   FOverLB=1.2
   Frame=3    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=6.9   FOverLB=6.9
   Frame=3    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=11.6   FOverLB=11.6
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   Frame=4    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=151.5   FOverLB=151.5
   Frame=4    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=57.3   FOverLB=57.3
   Frame=4    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=1.1   FOverLB=1.1
   Frame=4    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=85.9   FOverLB=85.9
   Frame=4    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=1.6   FOverLB=1.6
   Frame=4    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=9.6   FOverLB=9.6
   Frame=4    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=16.1   FOverLB=16.1
   Frame=5    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720024   FOverLA=148.4   FOverLB=148.4
   Frame=5    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720024   FOverLA=71.5   FOverLB=71.5
   Frame=5    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720024   FOverLA=1.4   FOverLB=1.4
   Frame=5    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720024   FOverLA=107.2   FOverLB=107.2
   Frame=5    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720024   FOverLA=2   FOverLB=2
   Frame=5    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720024   FOverLA=12.2   FOverLB=12.2
   Frame=5    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720024   FOverLA=20.4   FOverLB=20.4
   Frame=6    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719985   FOverLA=144.6   FOverLB=144.6
   Frame=6    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719985   FOverLA=84.2   FOverLB=84.2
   Frame=6    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719985   FOverLA=1.6   FOverLB=1.6
   Frame=6    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719985   FOverLA=126.3   FOverLB=126.3
   Frame=6    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719985   FOverLA=2.5   FOverLB=2.5
   Frame=6    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719985   FOverLA=14.8   FOverLB=14.8
   Frame=6    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719985   FOverLA=24.6   FOverLB=24.6
   Frame=7    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=140   FOverLB=140
   Frame=7    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=95.1   FOverLB=95.1
   Frame=7    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=1.9   FOverLB=1.9
   Frame=7    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=142.7   FOverLB=142.7
   Frame=7    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=2.9   FOverLB=2.9
   Frame=7    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=17.1   FOverLB=17.1
   Frame=7    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=28.5   FOverLB=28.5
   Frame=8    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=134.8   FOverLB=134.8
   Frame=8    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=104.1   FOverLB=104.1
   Frame=8    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=2.1   FOverLB=2.1
   Frame=8    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=156.2   FOverLB=156.2
   Frame=8    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=3.2   FOverLB=3.2
   Frame=8    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=19.3   FOverLB=19.3
   Frame=8    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=32.2   FOverLB=32.2
   Frame=9    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=129   FOverLB=129
   Frame=9    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=111.1   FOverLB=111.1
   Frame=9    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=2.4   FOverLB=2.4
   Frame=9    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=166.6   FOverLB=166.6
   Frame=9    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=3.6   FOverLB=3.6
   Frame=9    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719987   FOverLA=21.4   FOverLB=21.4
```

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   Frame=9     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521719987    FOverLA=35.7    FOverLB=35.7
   Frame=10    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720008    FOverLA=122.6    FOverLB=122.6
   Frame=10     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720008    FOverLA=115.8    FOverLB=115.8
   Frame=10    LoadPat="Q  Spinta  Ka  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720008    FOverLA=2.6    FOverLB=2.6
   Frame=10     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720008    FOverLA=173.7    FOverLB=173.7
   Frame=10    LoadPat="Q  Spinta  K0  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720008    FOverLA=3.9    FOverLB=3.9
   Frame=10     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720008    FOverLA=23.3    FOverLB=23.3
   Frame=10     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.856617521720008    FOverLA=38.8    FOverLB=38.8
   Frame=11    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=0.4252047688041    FOverLA=119.3    FOverLB=119.3
   Frame=11     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.4252047688041    FOverLA=0    FOverLB=0
   Frame=11    LoadPat="Q  Spinta  Ka  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.4252047688041    FOverLA=0    FOverLB=0
   Frame=11     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.4252047688041    FOverLA=0    FOverLB=0
   Frame=11    LoadPat="Q  Spinta  K0  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.4252047688041    FOverLA=0    FOverLB=0
   Frame=11     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.4252047688041    FOverLA=0    FOverLB=0
   Frame=11     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.4252047688041    FOverLA=0    FOverLB=0
   Frame=12    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=0.75    FOverLA=115.5    FOverLB=115.5
   Frame=12     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.75    FOverLA=142.2    FOverLB=142.2
   Frame=12    LoadPat="Q  Spinta  Ka  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.75    FOverLA=3.3    FOverLB=3.3
   Frame=12     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.75    FOverLA=213.3    FOverLB=213.3
   Frame=12    LoadPat="Q  Spinta  K0  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.75    FOverLA=5    FOverLB=5
   Frame=12     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.75    FOverLA=30    FOverLB=30
   Frame=12     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=0.75    FOverLA=50    FOverLB=50
   Frame=13    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137652    FOverLA=106.5    FOverLB=106.5
   Frame=13     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137652    FOverLA=133.1    FOverLB=133.1
   Frame=13    LoadPat="Q  Spinta  Ka  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137652    FOverLA=3.3    FOverLB=3.3
   Frame=13     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137652    FOverLA=199.7    FOverLB=199.7
   Frame=13    LoadPat="Q  Spinta  K0  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137652    FOverLA=5    FOverLB=5
   Frame=13     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137652    FOverLA=30    FOverLB=30
   Frame=13     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137652    FOverLA=50    FOverLB=50
   Frame=14    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137657    FOverLA=95.8    FOverLB=95.8
   Frame=14     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137657    FOverLA=122.4    FOverLB=122.4
   Frame=14    LoadPat="Q  Spinta  Ka  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137657    FOverLA=3.3    FOverLB=3.3
   Frame=14     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137657    FOverLA=183.7    FOverLB=183.7
   Frame=14    LoadPat="Q  Spinta  K0  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137657    FOverLA=5    FOverLB=5
   Frame=14     LoadPat="WOOD  SX  SLD"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137657    FOverLA=30    FOverLB=30
   Frame=14     LoadPat="WOOD  SX  SLV"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137657    FOverLA=50    FOverLB=50
   Frame=15    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137658    FOverLA=85.1    FOverLB=85.1
   Frame=15     LoadPat="Spinta  Ka  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137658    FOverLA=111.8    FOverLB=111.8
   Frame=15    LoadPat="Q  Spinta  Ka  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137658    FOverLA=3.3    FOverLB=3.3
   Frame=15     LoadPat="Spinta  K0  SX"     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137658    FOverLA=167.7    FOverLB=167.7
   Frame=15    LoadPat="Q  Spinta  K0  SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    AbsDistA=0    AbsDistB=1.06703926137658    FOverLA=5    FOverLB=5
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   Frame=15    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=30   FOverLB=30
   Frame=15    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=50   FOverLB=50
   Frame=16   LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=74.4   FOverLB=74.4
   Frame=16    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=101.1   FOverLB=101.1
   Frame=16   LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=3.3   FOverLB=3.3
   Frame=16    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=151.7   FOverLB=151.7
   Frame=16   LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=5   FOverLB=5
   Frame=16    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=30   FOverLB=30
   Frame=16    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=50   FOverLB=50
   Frame=17   LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=63.8   FOverLB=63.8
   Frame=17    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=90.4   FOverLB=90.4
   Frame=17   LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=3.3   FOverLB=3.3
   Frame=17    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=135.7   FOverLB=135.7
   Frame=17   LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=5   FOverLB=5
   Frame=17    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=30   FOverLB=30
   Frame=17    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=50   FOverLB=50
   Frame=18   LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=53.1   FOverLB=53.1
   Frame=18    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=79.8   FOverLB=79.8
   Frame=18   LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=3.3   FOverLB=3.3
   Frame=18    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=119.6   FOverLB=119.6
   Frame=18   LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=5   FOverLB=5
   Frame=18    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=30   FOverLB=30
   Frame=18    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=50   FOverLB=50
   Frame=19   LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=44.5   FOverLB=44.5
   Frame=19   LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=150.9   FOverLB=150.9
   Frame=19    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=50.3   FOverLB=50.3
   Frame=19   LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=2.4   FOverLB=2.4
   Frame=19    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=75.4   FOverLB=75.4
   Frame=19   LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=3.5   FOverLB=3.5
   Frame=19   LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=7.1   FOverLB=7.1
   Frame=19    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=21.2   FOverLB=21.2
   Frame=19    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=35.4   FOverLB=35.4
   Frame=20   LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=37.9   FOverLB=37.9
   Frame=20   LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=136.9   FOverLB=136.9
   Frame=20    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=45.6   FOverLB=45.6
   Frame=20   LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=2.4   FOverLB=2.4
   Frame=20    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=68.5   FOverLB=68.5
   Frame=20   LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=3.5   FOverLB=3.5
   Frame=20   LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=7.1   FOverLB=7.1
   Frame=20    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=21.2   FOverLB=21.2
   Frame=20    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=35.4   FOverLB=35.4
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   Frame=21   LoadPat=Falda   CoordSys=Local   Type=Force   Dir=2   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=31.3   FOverLB=31.3
   Frame=21   LoadPat=Ricoprimento   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=122.9   FOverLB=122.9
   Frame=21   LoadPat="Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=41   FOverLB=41
   Frame=21   LoadPat="Q Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=2.4   FOverLB=2.4
   Frame=21   LoadPat="Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=61.5   FOverLB=61.5
   Frame=21   LoadPat="Q Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=3.5   FOverLB=3.5
   Frame=21   LoadPat=Q   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=7.1   FOverLB=7.1
   Frame=21   LoadPat="WOOD SX SLD"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=21.2   FOverLB=21.2
   Frame=21   LoadPat="WOOD SX SLV"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297275   FOverLA=35.4   FOverLB=35.4
   Frame=22   LoadPat=Falda   CoordSys=Local   Type=Force   Dir=2   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=24.7   FOverLB=24.7
   Frame=22   LoadPat=Ricoprimento   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=108.9   FOverLB=108.9
   Frame=22   LoadPat="Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=36.3   FOverLB=36.3
   Frame=22   LoadPat="Q Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=2.4   FOverLB=2.4
   Frame=22   LoadPat="Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=54.5   FOverLB=54.5
   Frame=22   LoadPat="Q Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=3.5   FOverLB=3.5
   Frame=22   LoadPat=Q   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=7.1   FOverLB=7.1
   Frame=22   LoadPat="WOOD SX SLD"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=21.2   FOverLB=21.2
   Frame=22   LoadPat="WOOD SX SLV"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972165   FOverLA=35.4   FOverLB=35.4
   Frame=23   LoadPat=Falda   CoordSys=Local   Type=Force   Dir=2   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=17.7   FOverLB=17.7
   Frame=23   LoadPat=Ricoprimento   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=101.1   FOverLB=101.1
   Frame=23   LoadPat="Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=28.8   FOverLB=28.8
   Frame=23   LoadPat="Q Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=2.2   FOverLB=2.2
   Frame=23   LoadPat="Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=43.2   FOverLB=43.2
   Frame=23   LoadPat="Q Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=3.2   FOverLB=3.2
   Frame=23   LoadPat=Q   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=7.6   FOverLB=7.6
   Frame=23   LoadPat="WOOD SX SLD"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=19.5   FOverLB=19.5
   Frame=23   LoadPat="WOOD SX SLV"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=32.5   FOverLB=32.5
   Frame=24   LoadPat=Falda   CoordSys=Local   Type=Force   Dir=2   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=10.9   FOverLB=10.9
   Frame=24   LoadPat=Ricoprimento   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=96.2   FOverLB=96.2
   Frame=24   LoadPat="Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=19.7   FOverLB=19.7
   Frame=24   LoadPat="Q Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=1.7   FOverLB=1.7
   Frame=24   LoadPat="Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=29.5   FOverLB=29.5
   Frame=24   LoadPat="Q Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=2.6   FOverLB=2.6
   Frame=24   LoadPat=Q   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=8.5   FOverLB=8.5
   Frame=24   LoadPat="WOOD SX SLD"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=15.7   FOverLB=15.7
   Frame=24   LoadPat="WOOD SX SLV"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=26.1   FOverLB=26.1
   Frame=25   LoadPat=Falda   CoordSys=Local   Type=Force   Dir=2   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=5.8   FOverLB=5.8
   Frame=25   LoadPat=Ricoprimento   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=89.9   FOverLB=89.9
   Frame=25   LoadPat="Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=12.4   FOverLB=12.4
   Frame=25   LoadPat="Q Spinta Ka SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=1.3   FOverLB=1.3
   Frame=25   LoadPat="Spinta K0 SX"   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=18.6   FOverLB=18.6
```

```
   Frame=25    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=1.9   FOverLB=1.9
   Frame=25    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=9.2   FOverLB=9.2
   Frame=25    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=11.5   FOverLB=11.5
   Frame=25    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642569   FOverLA=19.1   FOverLB=19.1
   Frame=26    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=2.2   FOverLB=2.2
   Frame=26    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=84.3   FOverLB=84.3
   Frame=26    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=6.7   FOverLB=6.7
   Frame=26    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=0.8   FOverLB=0.8
   Frame=26    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=10.1   FOverLB=10.1
   Frame=26    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=1.2   FOverLB=1.2
   Frame=26    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=9.7   FOverLB=9.7
   Frame=26    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=7   FOverLB=7
   Frame=26    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425695   FOverLA=11.7   FOverLB=11.7
   Frame=27    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=0.4   FOverLB=0.4
   Frame=27    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=81.1   FOverLB=81.1
   Frame=27    LoadPat="Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=2.1   FOverLB=2.1
   Frame=27    LoadPat="Q Spinta Ka SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=0.3   FOverLB=0.3
   Frame=27    LoadPat="Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=3.2   FOverLB=3.2
   Frame=27    LoadPat="Q Spinta K0 SX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=0.4   FOverLB=0.4
   Frame=27    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=10   FOverLB=10
   Frame=27    LoadPat="WOOD SX SLD"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=2.4   FOverLB=2.4
   Frame=27    LoadPat="WOOD SX SLV"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=3.9   FOverLB=3.9
   Frame=28    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=0.4   FOverLB=0.4
   Frame=28    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=81.1   FOverLB=81.1
   Frame=28    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=-2.1   FOverLB=-2.1
   Frame=28    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=-0.3   FOverLB=-0.3
   Frame=28    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=-3.2   FOverLB=-3.2
   Frame=28    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=-0.4   FOverLB=-0.4
   Frame=28    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.1455479642562   FOverLA=10   FOverLB=10
   Frame=29    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425696   FOverLA=2.2   FOverLB=2.2
   Frame=29    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425696   FOverLA=84.3   FOverLB=84.3
   Frame=29    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425696   FOverLA=-6.7   FOverLB=-6.7
   Frame=29    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425696   FOverLA=-0.8   FOverLB=-0.8
   Frame=29    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425696   FOverLA=-10.1   FOverLB=-10.1
   Frame=29    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425696   FOverLA=-1.2   FOverLB=-1.2
   Frame=29    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425696   FOverLA=9.7   FOverLB=9.7
   Frame=30    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425689   FOverLA=5.8   FOverLB=5.8
   Frame=30    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425689   FOverLA=89.9   FOverLB=89.9
   Frame=30    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425689   FOverLA=-12.4   FOverLB=-12.4
   Frame=30    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425689   FOverLA=-1.3   FOverLB=-1.3
   Frame=30    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425689   FOverLA=-18.6   FOverLB=-18.6
```

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   Frame=30    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425689   FOverLA=-1.9   FOverLB=-1.9
   Frame=30    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425689   FOverLA=9.2   FOverLB=9.2
   Frame=31    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=10.9   FOverLB=10.9
   Frame=31    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=96.2   FOverLB=96.2
   Frame=31    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=-19.7   FOverLB=-19.7
   Frame=31    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=-1.7   FOverLB=-1.7
   Frame=31    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=-29.5   FOverLB=-29.5
   Frame=31    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=-2.6   FOverLB=-2.6
   Frame=31    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425693   FOverLA=8.5   FOverLB=8.5
   Frame=32    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=17.7   FOverLB=17.7
   Frame=32    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=101.1   FOverLB=101.1
   Frame=32    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=-28.8   FOverLB=-28.8
   Frame=32    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=-2.2   FOverLB=-2.2
   Frame=32    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=-43.2   FOverLB=-43.2
   Frame=32    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=-3.2   FOverLB=-3.2
   Frame=32    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.14554796425749   FOverLA=7.6   FOverLB=7.6
   Frame=33    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=24.7   FOverLB=24.7
   Frame=33    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=108.9   FOverLB=108.9
   Frame=33    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=-36.3   FOverLB=-36.3
   Frame=33    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=-2.4   FOverLB=-2.4
   Frame=33    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=-54.5   FOverLB=-54.5
   Frame=33    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=-3.5   FOverLB=-3.5
   Frame=33    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972164   FOverLA=7.1   FOverLB=7.1
   Frame=34    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=31.3   FOverLB=31.3
   Frame=34    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=122.9   FOverLB=122.9
   Frame=34    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-41   FOverLB=-41
   Frame=34    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-2.4   FOverLB=-2.4
   Frame=34    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-61.5   FOverLB=-61.5
   Frame=34    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=-3.5   FOverLB=-3.5
   Frame=34    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.932746252972744   FOverLA=7.1   FOverLB=7.1
   Frame=35    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=37.9   FOverLB=37.9
   Frame=35    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=136.9   FOverLB=136.9
   Frame=35    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-45.6   FOverLB=-45.6
   Frame=35    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-2.4   FOverLB=-2.4
   Frame=35    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-68.5   FOverLB=-68.5
   Frame=35    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=-3.5   FOverLB=-3.5
   Frame=35    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297268   FOverLA=7.1   FOverLB=7.1
   Frame=36    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=44.5   FOverLB=44.5
   Frame=36    LoadPat=Ricoprimento    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=150.9   FOverLB=150.9
   Frame=36    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-50.3   FOverLB=-50.3
   Frame=36    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-2.4   FOverLB=-2.4
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   Frame=36    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-75.4   FOverLB=-75.4
   Frame=36    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=-3.5   FOverLB=-3.5
   Frame=36    LoadPat=Q    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.93274625297273   FOverLA=7.1   FOverLB=7.1
   Frame=37    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=53.1   FOverLB=53.1
   Frame=37    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-79.8   FOverLB=-79.8
   Frame=37    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-3.3   FOverLB=-3.3
   Frame=37    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-119.6   FOverLB=-119.6
   Frame=37    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-5   FOverLB=-5
   Frame=38    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=63.8   FOverLB=63.8
   Frame=38    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-90.4   FOverLB=-90.4
   Frame=38    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-3.3   FOverLB=-3.3
   Frame=38    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-135.7   FOverLB=-135.7
   Frame=38    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-5   FOverLB=-5
   Frame=39    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=74.4   FOverLB=74.4
   Frame=39    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-101.1   FOverLB=-101.1
   Frame=39    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-3.3   FOverLB=-3.3
   Frame=39    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-151.7   FOverLB=-151.7
   Frame=39    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137653   FOverLA=-5   FOverLB=-5
   Frame=40    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=85.1   FOverLB=85.1
   Frame=40    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-111.8   FOverLB=-111.8
   Frame=40    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-3.3   FOverLB=-3.3
   Frame=40    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-167.7   FOverLB=-167.7
   Frame=40    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137658   FOverLA=-5   FOverLB=-5
   Frame=41    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=95.8   FOverLB=95.8
   Frame=41    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-122.4   FOverLB=-122.4
   Frame=41    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-3.3   FOverLB=-3.3
   Frame=41    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-183.7   FOverLB=-183.7
   Frame=41    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137657   FOverLA=-5   FOverLB=-5
   Frame=42    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=106.5   FOverLB=106.5
   Frame=42    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-133.1   FOverLB=-133.1
   Frame=42    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-3.3   FOverLB=-3.3
   Frame=42    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-199.7   FOverLB=-199.7
   Frame=42    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.06703926137652   FOverLA=-5   FOverLB=-5
   Frame=43    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=115.5   FOverLB=115.5
   Frame=43    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-142.2   FOverLB=-142.2
   Frame=43    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-3.3   FOverLB=-3.3
   Frame=43    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-213.3   FOverLB=-213.3
   Frame=43    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.75   FOverLA=-5   FOverLB=-5
   Frame=44    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=119.3   FOverLB=119.3
   Frame=44    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
   Frame=44    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
```

```
   Frame=44    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
   Frame=44    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.425204768804091   FOverLA=0   FOverLB=0
   Frame=45    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=122.6   FOverLB=122.6
   Frame=45    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-115.8   FOverLB=-115.8
   Frame=45    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-2.6   FOverLB=-2.6
   Frame=45    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-173.7   FOverLB=-173.7
   Frame=45    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720014   FOverLA=-3.9   FOverLB=-3.9
   Frame=46    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=129   FOverLB=129
   Frame=46    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-111.1   FOverLB=-111.1
   Frame=46    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-2.4   FOverLB=-2.4
   Frame=46    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-166.6   FOverLB=-166.6
   Frame=46    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-3.6   FOverLB=-3.6
   Frame=47    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=134.8   FOverLB=134.8
   Frame=47    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-104.1   FOverLB=-104.1
   Frame=47    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-2.1   FOverLB=-2.1
   Frame=47    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-156.2   FOverLB=-156.2
   Frame=47    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720001   FOverLA=-3.2   FOverLB=-3.2
   Frame=48    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=140   FOverLB=140
   Frame=48    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-95.1   FOverLB=-95.1
   Frame=48    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-1.9   FOverLB=-1.9
   Frame=48    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-142.7   FOverLB=-142.7
   Frame=48    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720017   FOverLA=-2.9   FOverLB=-2.9
   Frame=49    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=144.6   FOverLB=144.6
   Frame=49    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-84.2   FOverLB=-84.2
   Frame=49    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-1.6   FOverLB=-1.6
   Frame=49    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-126.3   FOverLB=-126.3
   Frame=49    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719986   FOverLA=-2.5   FOverLB=-2.5
   Frame=50    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=148.4   FOverLB=148.4
   Frame=50    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-71.5   FOverLB=-71.5
   Frame=50    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-1.4   FOverLB=-1.4
   Frame=50    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-107.2   FOverLB=-107.2
   Frame=50    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720023   FOverLA=-2   FOverLB=-2
   Frame=51    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=151.5   FOverLB=151.5
   Frame=51    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-57.3   FOverLB=-57.3
   Frame=51    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-1.1   FOverLB=-1.1
   Frame=51    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-85.9   FOverLB=-85.9
   Frame=51    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720019   FOverLA=-1.6   FOverLB=-1.6
   Frame=52    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=153.9   FOverLB=153.9
   Frame=52    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-41.8   FOverLB=-41.8
   Frame=52    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-0.8   FOverLB=-0.8
   Frame=52    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-62.7   FOverLB=-62.7
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   Frame=52    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521719977   FOverLA=-1.2   FOverLB=-1.2
   Frame=53    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=155.5   FOverLB=155.5
   Frame=53    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-25.5   FOverLB=-25.5
   Frame=53    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-0.5   FOverLB=-0.5
   Frame=53    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-38.2   FOverLB=-38.2
   Frame=53    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521720012   FOverLA=-0.7   FOverLB=-0.7
   Frame=54    LoadPat=Falda    CoordSys=Local    Type=Force    Dir=2    DistType=RelDist    RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=156.3   FOverLB=156.3
   Frame=54    LoadPat="Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-8.5   FOverLB=-8.5
   Frame=54    LoadPat="Q Spinta Ka DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-0.2   FOverLB=-0.2
   Frame=54    LoadPat="Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-12.8   FOverLB=-12.8
   Frame=54    LoadPat="Q Spinta K0 DX"    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.856617521604292   FOverLA=-0.2   FOverLB=-0.2

TABLE:  "FRAME LOADS - GRAVITY"
   Frame=1     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=1     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=1     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=1     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=2     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=2     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=2     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=2     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=3     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=3     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=3     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=3     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=4     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=4     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=4     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=4     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=5     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=5     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=5     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=5     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=6     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=6     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=6     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=6     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=7     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=7     LoadPat="Inerzia  +Z  SLV"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.0575
   Frame=7     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=7     LoadPat="Inerzia  +Z  SLD"     CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=0.034
   Frame=8     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
```

```
   Frame=8      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=8     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=8      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=9     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=9      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=9     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=9      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=10     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=10      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=10     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=10      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=11     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=11      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=11     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=11      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=12     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=12      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=12     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=12      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=13     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=13      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=13     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=13      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=14     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=14      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=14     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=14      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=15     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=15      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=15     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=15      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=16     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=16      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=16     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=16      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=17     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=17      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=17     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=17      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=18     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=18      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
```

```
   Frame=18     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=18      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=19     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=19      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=19     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=19      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=20     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=20      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=20     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=20      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=21     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=21      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=21     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=21      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=22     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=22      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=22     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=22      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=23     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=23      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=23     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=23      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=24     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=24      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=24     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=24      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=25     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=25      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=25     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=25      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=26     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=26      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=26     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=26      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=27     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=27      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=27     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=27      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=28     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=28      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=28     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
```

```
   Frame=28      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=29      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=29      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=29      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=29      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=30      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=30      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=30      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=30      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=31      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=31      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=31      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=31      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=32      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=32      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=32      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=32      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=33      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=33      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=33      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=33      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=34      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=34      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=34      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=34      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=35      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=35      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=35      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=35      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=36      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=36      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=36      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=36      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=37      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=37      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=37      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=37      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=38      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=38      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=38      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=38      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
```

```
   Frame=39     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=39      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=39     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=39      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=40     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=40      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=40     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=40      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=41     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=41      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=41     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=41      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=42     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=42      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=42     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=42      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=43     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=43      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=43     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=43      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=44     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=44      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=44     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=44      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=45     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=45      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=45     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=45      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=46     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=46      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=46     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=46      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=47     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=47      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=47     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=47      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=48     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
   Frame=48      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=48     LoadPat="Inerzia  +X  SLD"     CoordSys=GLOBAL     MultiplierX=0.068     MultiplierY=0
MultiplierZ=0
   Frame=48      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=49     LoadPat="Inerzia  +X  SLV"     CoordSys=GLOBAL     MultiplierX=0.115     MultiplierY=0
MultiplierZ=0
```

```
   Frame=49      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=49      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=49      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=50      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=50      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=50      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=50      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=51      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=51      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=51      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=51      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=52      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=52      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=52      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=52      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=53      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=53      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=53      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=53      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=54      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=54      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=54      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=54      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=55      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=55      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=55      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=55      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034
   Frame=56      LoadPat="Inerzia  +X  SLV"      CoordSys=GLOBAL      MultiplierX=0.115      MultiplierY=0
MultiplierZ=0
   Frame=56      LoadPat="Inerzia  +Z  SLV"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.0575
   Frame=56      LoadPat="Inerzia  +X  SLD"      CoordSys=GLOBAL      MultiplierX=0.068      MultiplierY=0
MultiplierZ=0
   Frame=56      LoadPat="Inerzia  +Z  SLD"      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=0.034

TABLE:  "FRAME LOAD TRANSFER OPTIONS"
   Frame=1    Transfer=Yes
   Frame=2    Transfer=Yes
   Frame=3    Transfer=Yes
   Frame=4    Transfer=Yes
   Frame=5    Transfer=Yes
   Frame=6    Transfer=Yes
   Frame=7    Transfer=Yes
   Frame=8    Transfer=Yes
   Frame=9    Transfer=Yes
   Frame=10    Transfer=Yes
   Frame=11    Transfer=Yes
   Frame=12    Transfer=Yes
   Frame=13    Transfer=Yes
   Frame=14    Transfer=Yes
   Frame=15    Transfer=Yes
   Frame=16    Transfer=Yes
   Frame=17    Transfer=Yes
   Frame=18    Transfer=Yes
   Frame=19    Transfer=Yes
```

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   Frame=20   Transfer=Yes
   Frame=21   Transfer=Yes
   Frame=22   Transfer=Yes
   Frame=23   Transfer=Yes
   Frame=24   Transfer=Yes
   Frame=25   Transfer=Yes
   Frame=26   Transfer=Yes
   Frame=27   Transfer=Yes
   Frame=28   Transfer=Yes
   Frame=29   Transfer=Yes
   Frame=30   Transfer=Yes
   Frame=31   Transfer=Yes
   Frame=32   Transfer=Yes
   Frame=33   Transfer=Yes
   Frame=34   Transfer=Yes
   Frame=35   Transfer=Yes
   Frame=36   Transfer=Yes
   Frame=37   Transfer=Yes
   Frame=38   Transfer=Yes
   Frame=39   Transfer=Yes
   Frame=40   Transfer=Yes
   Frame=41   Transfer=Yes
   Frame=42   Transfer=Yes
   Frame=43   Transfer=Yes
   Frame=44   Transfer=Yes
   Frame=45   Transfer=Yes
   Frame=46   Transfer=Yes
   Frame=47   Transfer=Yes
   Frame=48   Transfer=Yes
   Frame=49   Transfer=Yes
   Frame=50   Transfer=Yes
   Frame=51   Transfer=Yes
   Frame=52   Transfer=Yes
   Frame=53   Transfer=Yes
   Frame=54   Transfer=Yes
   Frame=55   Transfer=Yes
   Frame=56   Transfer=Yes

TABLE:  "FRAME LOCAL AXES ASSIGNMENTS 1 - TYPICAL"
   Frame=19   Angle=180
   Frame=20   Angle=180
   Frame=21   Angle=180
   Frame=22   Angle=180
   Frame=23   Angle=180
   Frame=24   Angle=180
   Frame=25   Angle=180
   Frame=26   Angle=180
   Frame=27   Angle=180
   Frame=28   Angle=180
   Frame=29   Angle=180
   Frame=30   Angle=180
   Frame=31   Angle=180
   Frame=32   Angle=180
   Frame=33   Angle=180
   Frame=34   Angle=180
   Frame=35   Angle=180
   Frame=36   Angle=180
   Frame=37   Angle=180
   Frame=38   Angle=180
   Frame=39   Angle=180
   Frame=40   Angle=180
   Frame=41   Angle=180
   Frame=42   Angle=180
   Frame=43   Angle=180

TABLE:  "FRAME OUTPUT STATION ASSIGNMENTS"
   Frame=1    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=2    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=3    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=4    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=5    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=6    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=7    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=8    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=9    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=10    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=11    StationType=MaxStaSpcg    MaxStaSpcg=0.5    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=12    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=13    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=14    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=15    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=16    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
   Frame=17    StationType=MinNumSta    MinNumSta=3    AddAtElmInt=Yes    AddAtPtLoad=Yes
```

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   Frame=18   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=19   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=20   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=21   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=22   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=23   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=24   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=25   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=26   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=27   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=28   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=29   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=30   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=31   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=32   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=33   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=34   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=35   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=36   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=37   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=38   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=39   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=40   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=41   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=42   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=43   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=44   StationType=MaxStaSpcg   MaxStaSpcg=0.5   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=45   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=46   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=47   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=48   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=49   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=50   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=51   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=52   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=53   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=54   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=55   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=56   StationType=MinNumSta   MinNumSta=3   AddAtElmInt=Yes   AddAtPtLoad=Yes

TABLE:  "FRAME RELEASE ASSIGNMENTS 1 - GENERAL"
   Frame=13    PI=No    V2I=No    V3I=No    TI=No    M2I=No    M3I=Yes    PJ=No    V2J=No    V3J=No    TJ=No
M2J=No    M3J=No
   Frame=42    PI=No    V2I=No    V3I=No    TI=No    M2I=No    M3I=Yes    PJ=No    V2J=No    V3J=No    TJ=No
M2J=No    M3J=No

TABLE:  "FRAME SECTION ASSIGNMENTS"
   Frame=1   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=2   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=3   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=4   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=5   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=6   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=7   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=8   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=9   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=10   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=11   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=12   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=13   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=14   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=15   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=16   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=17   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=18   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=19   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=20   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=21   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=22   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=23   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=24   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=25   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=26   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=27   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=28   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=29   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=30   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=31   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=32   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=33   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=34   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=35   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
   Frame=36   AutoSelect=N.A.   AnalSect=100x100   MatProp=Default
```

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   Frame=37   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=38   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=39   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=40   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=41   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=42   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=43   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=44   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=45   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=46   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=47   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=48   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=49   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=50   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=51   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=52   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=53   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=54   AutoSelect=N.A.   AnalSect=100x120   MatProp=Default
   Frame=55   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default
   Frame=56   AutoSelect=N.A.   AnalSect=100x150   MatProp=Default

TABLE:  "FRAME SECTION PROPERTIES 01 - GENERAL"
   SectionName=100x100       Material=Rck40       Shape=Rectangular       t3=1       t2=1       Area=1
TorsConst=0.140833333333333       I33=8.33333333333333E-02       I22=8.33333333333333E-02       I23=0
AS2=0.833333333333333   AS3=0.833333333333333 _
        S33=0.166666666666667    S22=0.166666666666667    Z33=0.25    Z22=0.25    R33=0.288675134594813
R22=0.288675134594813    Color=White    FromFile=No    AMod=1    A2Mod=1    A3Mod=1    JMod=1    I2Mod=1
I3Mod=1    MMod=1    WMod=1    Notes="Added 17/02/2015 14.58.21"
   SectionName=100x120       Material=Rck40       Shape=Rectangular       t3=1.2       t2=1       Area=1.2
TorsConst=0.198439429012346     I33=0.144     I22=0.1     I23=0     AS2=1     AS3=1     S33=0.24     S22=0.2
Z33=0.36    Z22=0.3    R33=0.346410161513775 _
        R22=0.288675134594813     Color=Blue     FromFile=No     AMod=1     A2Mod=1     A3Mod=1     JMod=1
I2Mod=1    I3Mod=1    MMod=1    WMod=1    Notes="Added 17/02/2015 14.59.02"
   SectionName=100x150       Material=Rck40       Shape=Rectangular       t3=1.5       t2=1       Area=1.5
TorsConst=0.293456790123457     I33=0.28125     I22=0.125     I23=0     AS2=1.25     AS3=1.25     S33=0.375
S22=0.25    Z33=0.5625    Z22=0.375 _
        R33=0.433012701892219     R22=0.288675134594813     Color=Gray8Dark     FromFile=No     AMod=1
A2Mod=1    A3Mod=1    JMod=1    I2Mod=1    I3Mod=1    MMod=1    WMod=1    Notes="Added 17/02/2015 14.56.31"

TABLE:  "FRAME SECTION PROPERTIES 02 - CONCRETE COLUMN"
   SectionName=100x100       RebarMatL=A615Gr60       RebarMatC=A615Gr60       ReinfConfig=Rectangular
LatReinf=Ties       Cover=0.04       NumBars3Dir=3       NumBars2Dir=3       BarSizeL=#9       BarSizeC=#4
SpacingC=0.15    NumCBars2=3    NumCBars3=3    ReinfType=Design
   SectionName=100x120       RebarMatL=A615Gr60       RebarMatC=A615Gr60       ReinfConfig=Rectangular
LatReinf=Ties       Cover=0.04       NumBars3Dir=3       NumBars2Dir=3       BarSizeL=#9       BarSizeC=#4
SpacingC=0.15    NumCBars2=3    NumCBars3=3    ReinfType=Design
   SectionName=100x150       RebarMatL=A615Gr60       RebarMatC=A615Gr60       ReinfConfig=Rectangular
LatReinf=Ties       Cover=0.04       NumBars3Dir=3       NumBars2Dir=3       BarSizeL=#9       BarSizeC=#4
SpacingC=0.15    NumCBars2=3    NumCBars3=3    ReinfType=Design

TABLE:  "FRAME SECTION PROPERTIES 13 - TIME DEPENDENT"
   SectionName=100x100    TypeSize=Auto    AutoSFSize=1
   SectionName=100x120    TypeSize=Auto    AutoSFSize=1
   SectionName=100x150    TypeSize=Auto    AutoSFSize=1

TABLE:  "FRAME SPRING ASSIGNMENTS"
   Frame=1    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=2    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=3    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=4    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=5    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=6    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=7    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=8    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=9    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=10    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=11    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=12    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=13    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
```

```
   Frame=14    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=15    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=16    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=17    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=18    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=37    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=38    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=39    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=40    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=41    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=42    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=43    Type=Simple    Stiffness=1000    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=44    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=45    Type=Simple    Stiffness=2500    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=46    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=47    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=48    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=49    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=50    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=51    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=52    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=53    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2
   Frame=54    Type=Simple    Stiffness=1250    SimpleType="Compression Only"    Dir1Type="Object Axes"
Dir=2

TABLE:  "FUNCTION - PLOT FUNCTIONS"
   PlotFunc="Input Energy"   Type=Energy   Component=Input   Mode=All

TABLE:  "FUNCTION - POWER SPECTRAL DENSITY - USER"
   Name=UNIFPSD   Frequency=0   Value=1
   Name=UNIFPSD   Frequency=1   Value=1

TABLE:  "FUNCTION - RESPONSE SPECTRUM - USER"
   Name=UNIFRS   Period=0   Accel=1   FuncDamp=0.05
   Name=UNIFRS   Period=1   Accel=1

TABLE:  "FUNCTION - STEADY STATE - USER"
   Name=UNIFSS   Frequency=0   Value=1
   Name=UNIFSS   Frequency=1   Value=1

TABLE:  "FUNCTION - TIME HISTORY - USER"
   Name=RAMPTH   Time=0   Value=0
   Name=RAMPTH   Time=1   Value=1
   Name=RAMPTH   Time=4   Value=1
   Name=UNIFTH   Time=0   Value=1
   Name=UNIFTH   Time=1   Value=1

TABLE:  "GRID LINES"
   CoordSys=GLOBAL    AxisDir=X    XRYZCoord=-7.80028783552717    LineType=Primary    LineColor=Gray4
Visible=Yes   BubbleLoc=End   AllVisible=Yes   BubbleSize=2.4384
   CoordSys=GLOBAL    AxisDir=X    XRYZCoord=0    LineType=Primary    LineColor=Gray4    Visible=Yes
BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=X    XRYZCoord=7.80028783552598    LineType=Primary    LineColor=Gray4
Visible=Yes   BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=Y    XRYZCoord=0    LineType=Primary    LineColor=Gray4    Visible=Yes
BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=Z    XRYZCoord=0    LineType=Primary    LineColor=Gray4    Visible=Yes
BubbleLoc=End
   CoordSys=GLOBAL    AxisDir=Z    XRYZCoord=16.0505008034144    LineType=Primary    LineColor=Gray4
Visible=Yes   BubbleLoc=End
```

```
TABLE:  "GROUPS 1 - DEFINITIONS"
   GroupName=All     Selection=Yes     SectionCut=Yes     Steel=Yes     Concrete=Yes     Aluminum=Yes
ColdFormed=Yes      Stage=Yes      Bridge=Yes      AutoSeismic=No      AutoWind=No      SelDesSteel=No
SelDesAlum=No   SelDesCold=No   MassWeight=Yes   Color=Red
   GroupName=DXFIN     Selection=Yes     SectionCut=Yes     Steel=Yes     Concrete=Yes     Aluminum=Yes
ColdFormed=Yes      Stage=Yes      Bridge=Yes      AutoSeismic=No      AutoWind=No      SelDesSteel=No
SelDesAlum=No   SelDesCold=No   MassWeight=Yes   Color=Black
   GroupName=DXFIN-1     Selection=Yes     SectionCut=Yes     Steel=Yes     Concrete=Yes     Aluminum=Yes
ColdFormed=Yes      Stage=Yes      Bridge=Yes      AutoSeismic=No      AutoWind=No      SelDesSteel=No
SelDesAlum=No   SelDesCold=No   MassWeight=Yes   Color=Black

TABLE:  "GROUPS 2 - ASSIGNMENTS"
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=1
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=2
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=3
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=4
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=5
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=6
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=7
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=8
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=9
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=10
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=11
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=12
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=13
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=14
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=15
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=16
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=17
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=18
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=19
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=20
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=21
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=22
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=23
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=24
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=25
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=26
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=27
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=28
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=29
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=30
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=31
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=32
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=33
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=34
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=35
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=36
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=37
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=38
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=39
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=40
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=41
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=42
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=43
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=44
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=45
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=46
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=47
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=48
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=49
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=50
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=51
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=52
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=53
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=54
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=55
   GroupName=DXFIN-1   ObjectType=Frame   ObjectLabel=56

TABLE:  "JOINT COORDINATES"
   Joint=1   CoordSys=GLOBAL   CoordType=Cartesian   XorR=0   Y=0   Z=0   SpecialJt=No
   Joint=2        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-0.855682346919707        Y=0
Z=4.00162427986288E-02   SpecialJt=No
   Joint=3        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-1.7038955422141        Y=0
Z=0.159715674068025   SpecialJt=No
   Joint=4        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-2.53723563161313        Y=0
Z=0.358053451402782   SpecialJt=No
   Joint=5        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-3.34842848645735        Y=0
Z=0.633298307426344   SpecialJt=No
   Joint=6        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-4.13039329872021        Y=0
Z=0.983047661822411   SpecialJt=No
   Joint=7        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-4.87630438855743        Y=0
Z=1.40424859317886   SpecialJt=No
```

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   Joint=8        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-5.57965078487209        Y=0
Z=1.89322448758361   SpecialJt=No
   Joint=9   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-6.2342930588234   Y=0   Z=2.44570713135948
SpecialJt=No
   Joint=10        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-6.83451691418671        Y=0
Z=3.05687396780473   SpecialJt=No
   Joint=11        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.37508306678026        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=12        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=13        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=4.47139019272925   SpecialJt=No
   Joint=14        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=5.53842945410577   SpecialJt=No
   Joint=15        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=6.60546871548234   SpecialJt=No
   Joint=16        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=7.67250797685892   SpecialJt=No
   Joint=17        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=8.73954723823545   SpecialJt=No
   Joint=18        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=9.80658649961197   SpecialJt=No
   Joint=19        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.80028783558436        Y=0
Z=10.8736257609885   SpecialJt=No
   Joint=20        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-7.14073663498124        Y=0
Z=11.5331769615921   SpecialJt=No
   Joint=21        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-6.48118543437809        Y=0
Z=12.1927281621956   SpecialJt=No
   Joint=22        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-5.82163423377494        Y=0
Z=12.8522793627992   SpecialJt=No
   Joint=23        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-5.16208303317222        Y=0
Z=13.5118305634024   SpecialJt=No
   Joint=24        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-4.29100152727008        Y=0
Z=14.2558044530583   SpecialJt=No
   Joint=25        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-3.31426132275067        Y=0
Z=14.854351620196   SpecialJt=No
   Joint=26        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-2.2559130050638        Y=0
Z=15.2927338470968   SpecialJt=No
   Joint=27        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-1.14201662224758        Y=0
Z=15.5601567084273   SpecialJt=No
   Joint=28   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-5.79234E-11   Y=0   Z=15.6500353658163
SpecialJt=No
   Joint=29        CoordSys=GLOBAL        CoordType=Cartesian        XorR=1.14201662213173        Y=0
Z=15.5601567084273   SpecialJt=No
   Joint=30        CoordSys=GLOBAL        CoordType=Cartesian        XorR=2.25591300494796        Y=0
Z=15.2927338470968   SpecialJt=No
   Joint=31   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.31426132263482   Y=0   Z=14.854351620196
SpecialJt=No
   Joint=32        CoordSys=GLOBAL        CoordType=Cartesian        XorR=4.29100152715424        Y=0
Z=14.2558044530583   SpecialJt=No
   Joint=33        CoordSys=GLOBAL        CoordType=Cartesian        XorR=5.16208303305638        Y=0
Z=13.5118305634024   SpecialJt=No
   Joint=34   CoordSys=GLOBAL   CoordType=Cartesian   XorR=5.8216342336591   Y=0   Z=12.8522793627992
SpecialJt=No
   Joint=35        CoordSys=GLOBAL        CoordType=Cartesian        XorR=6.48118543426224        Y=0
Z=12.1927281621956   SpecialJt=No
   Joint=36        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.14073663486539        Y=0
Z=11.5331769615921   SpecialJt=No
   Joint=37        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=10.8736257609885   SpecialJt=No
   Joint=38        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=9.80658649961197   SpecialJt=No
   Joint=39        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=8.73954723823545   SpecialJt=No
   Joint=40        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=7.67250797685892   SpecialJt=No
   Joint=41        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=6.60546871548234   SpecialJt=No
   Joint=42        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=5.53842945410577   SpecialJt=No
   Joint=43        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=4.47139019272925   SpecialJt=No
   Joint=44        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.80028783546851        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=45        CoordSys=GLOBAL        CoordType=Cartesian        XorR=7.37508306666442        Y=0
Z=3.72139019272925   SpecialJt=No
   Joint=46        CoordSys=GLOBAL        CoordType=Cartesian        XorR=6.83451691407086        Y=0
Z=3.05687396780473   SpecialJt=No
   Joint=47        CoordSys=GLOBAL        CoordType=Cartesian        XorR=6.23429305870755        Y=0
Z=2.44570713135948   SpecialJt=No
   Joint=48        CoordSys=GLOBAL        CoordType=Cartesian        XorR=5.57965078475624        Y=0
Z=1.89322448758361   SpecialJt=No
```

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   Joint=49        CoordSys=GLOBAL        CoordType=Cartesian        XorR=4.87630438844158        Y=0
Z=1.40424859317886   SpecialJt=No
   Joint=50        CoordSys=GLOBAL        CoordType=Cartesian        XorR=4.13039329860436        Y=0
Z=0.983047661822411   SpecialJt=No
   Joint=51        CoordSys=GLOBAL        CoordType=Cartesian        XorR=3.3484284863415        Y=0
Z=0.633298307426344   SpecialJt=No
   Joint=52        CoordSys=GLOBAL        CoordType=Cartesian        XorR=2.53723563149728        Y=0
Z=0.358053451402782   SpecialJt=No
   Joint=53        CoordSys=GLOBAL        CoordType=Cartesian        XorR=1.70389554209825        Y=0
Z=0.159715674068025   SpecialJt=No
   Joint=54        CoordSys=GLOBAL        CoordType=Cartesian        XorR=0.85568234680386        Y=0
Z=4.00162427986288E-02   SpecialJt=No

TABLE:  "JOINT PATTERN DEFINITIONS"
   Pattern=Default

TABLE:  "LOAD CASE DEFINITIONS"
   Case=DEAD      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case=Ricoprimento    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta Ka DX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta Ka SX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  Ka  DX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  Ka  SX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta K0 DX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Spinta K0 SX"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  K0  DX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Q  Spinta  K0  SX"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case=Q      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="WOOD SX SLV"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="WOOD SX SLD"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +X  SLV"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +Z  SLV"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +X  SLD"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case="Inerzia  +Z  SLD"       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case=Falda      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=No
   Case=SLU-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-3      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-4      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-5      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-6      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-7      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-8      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-9      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-10      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-11      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-12      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-13      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=SLU-14      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
   Case=RARA-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"   DesignAct=Non-Composite   AutoType=None   RunCase=Yes
```

```
   Case=RARA-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-3      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-4      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-5      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-6      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-7      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-8      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-9      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-10     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-11     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-12     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-13     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=RARA-14     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-3      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-4      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-5      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-6      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-7      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-8      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-9      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-10     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-11     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-12     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-13     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=FREQ-14     Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=QP-1      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case=QP-2      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"      DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-1"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-2"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-3"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLV-4"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-1"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-2"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-3"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes
   Case="SISMA SLD-4"    Type=NonStatic    InitialCond=Zero    DesTypeOpt="Prog Det"    DesignType=DEAD
DesActOpt="Prog Det"    DesignAct=Non-Composite    AutoType=None    RunCase=Yes

TABLE:  "LOAD PATTERN DEFINITIONS"
   LoadPat=DEAD    DesignType=DEAD    SelfWtMult=1
   LoadPat=Ricoprimento    DesignType=DEAD    SelfWtMult=0
   LoadPat="Spinta Ka DX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Spinta Ka SX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Q Spinta Ka DX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Q Spinta Ka SX"    DesignType=DEAD    SelfWtMult=0
   LoadPat="Spinta K0 DX"    DesignType=DEAD    SelfWtMult=0
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   LoadPat="Spinta K0 SX"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Q Spinta K0 DX"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Q Spinta K0 SX"   DesignType=DEAD   SelfWtMult=0
   LoadPat=Q   DesignType=DEAD   SelfWtMult=0
   LoadPat="WOOD SX SLV"   DesignType=DEAD   SelfWtMult=0
   LoadPat="WOOD SX SLD"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +X SLV"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +Z SLV"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +X SLD"   DesignType=DEAD   SelfWtMult=0
   LoadPat="Inerzia +Z SLD"   DesignType=DEAD   SelfWtMult=0
   LoadPat=Falda   DesignType=DEAD   SelfWtMult=0

TABLE:  "MASS SOURCE"
   MassSource=MSSSRC1   Elements=Yes   Masses=Yes   Loads=No   IsDefault=Yes

TABLE:  "MATERIAL PROPERTIES 01 - GENERAL"
   Material=A615Gr60   Type=Rebar   SymType=Uniaxial   TempDepend=No   Color=White   Notes="ASTM A615
Grade 60 17/02/2015 14.56.31"
   Material=A992Fy50   Type=Steel   SymType=Isotropic   TempDepend=No   Color=Cyan   Notes="ASTM A992
Grade 50 16/02/2015 18.26.43"
   Material=Rck40   Type=Concrete   SymType=Isotropic   TempDepend=No   Color=Red   Notes="Customary
f'c 4000 psi 16/02/2015 18.26.43"
   Material=Rck45   Type=Concrete   SymType=Isotropic   TempDepend=No   Color=Red   Notes="Customary
f'c 4000 psi 16/02/2015 18.26.43"

TABLE:  "MATERIAL PROPERTIES 02 - BASIC MECHANICAL PROPERTIES"
   Material=A615Gr60   UnitWeight=76.9728639422648   UnitMass=7.84904737995992   E1=199947978.795958
A1=0.0000117
   Material=A992Fy50   UnitWeight=76.9728639422648   UnitMass=7.84904737995992   E1=199947978.795958
G12=76903068.7676762   U12=0.3   A1=0.0000117
   Material=Rck40   UnitWeight=25   UnitMass=2.54929048055605   E1=33643000   G12=14017916.6666667
U12=0.2   A1=0.0000099
   Material=Rck45   UnitWeight=25   UnitMass=2.54929048055605   E1=34625000   G12=14427083.3333333
U12=0.2   A1=0.0000099

TABLE:  "MATERIAL PROPERTIES 03A - STEEL DATA"
   Material=A992Fy50      Fy=344737.894475789      Fu=448159.262818526      EffFy=379211.683923368
EffFu=492975.189100378      SSCurveOpt=Simple      SSHysType=Kinematic      SHard=0.015      SMax=0.11
SRup=0.17   FinalSlope=-0.1

TABLE:  "MATERIAL PROPERTIES 03B - CONCRETE DATA"
   Material=Rck40      Fc=27579.0315580631      LtWtConc=No      SSCurveOpt=Mander      SSHysType=Takeda
SFc=0.00221914   SCap=0.005   FinalSlope=-0.1   FAngle=0   DAngle=0
   Material=Rck45      Fc=27579.0315580631      LtWtConc=No      SSCurveOpt=Mander      SSHysType=Takeda
SFc=0.00221914   SCap=0.005   FinalSlope=-0.1   FAngle=0   DAngle=0

TABLE:  "MATERIAL PROPERTIES 03E - REBAR DATA"
   Material=A615Gr60      Fy=413685.473370947      Fu=620528.21005642      EffFy=455054.020708041
EffFu=682581.031062062      SSCurveOpt=Simple      SSHysType=Kinematic      SHard=0.01      SCap=0.09
FinalSlope=-0.1   UseCTDef=No

TABLE:  "MATERIAL PROPERTIES 06 - DAMPING PARAMETERS"
   Material=A615Gr60   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0
   Material=A992Fy50   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0
   Material=Rck40   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0
   Material=Rck45   ModalRatio=0   VisMass=0   VisStiff=0   HysMass=0   HysStiff=0

TABLE:  "OPTIONS - COLORS - DISPLAY"
   DeviceType=Screen   Points=Gray8Dark   LinesFrame=Black   LinesFrmDL=Gray4   LinesCable=Black
LinesTendon=Black   SpringLinks=Gray8Dark   Restraints=Gray8Dark   Releases=Gray4   Axes=Black
Text=Black   ShadowLines=Gray4 _
      GuideLines=Gray4      Highlight=Black      Selection=Black      AreaFillBot=Gray4
AreaFillTop=Gray8Dark   AreaFillSd=Gray4   AreaEdge=Black   SolidF1=Gray1Light   SolidF2=Gray2
SolidF3=Gray3   SolidF4=Gray4   SolidF5=Gray5 _
      SolidF6=Gray6   SolidEdge=Black   Floor=Gray4   Background=White   BGLowLeft=White
BGLowRight=White   BGUpRight=White   Darkness=0.5
   DeviceType=Printer   Points=Gray8Dark   LinesFrame=Black   LinesFrmDL=Gray4   LinesCable=Black
LinesTendon=Black   SpringLinks=Gray8Dark   Restraints=Gray8Dark   Releases=Gray4   Axes=Black
Text=Black   ShadowLines=Gray4 _
      GuideLines=Gray4      Highlight=Black      Selection=Black      AreaFillBot=Gray4
AreaFillTop=Gray8Dark   AreaFillSd=Gray4   AreaEdge=Black   SolidF1=Gray1Light   SolidF2=Gray2
SolidF3=Gray3   SolidF4=Gray4   SolidF5=Gray5 _
      SolidF6=Gray6   SolidEdge=Black   Floor=Gray4   Background=White   BGLowLeft=White
BGLowRight=White   BGUpRight=White   Darkness=0.5
   DeviceType="Color Printer"   Points=Blue   LinesFrame=Blue   LinesFrmDL=Blue   LinesCable=Green
LinesTendon=Green   SpringLinks=Green   Restraints=Green   Releases=Green   Axes=Cyan   Text=Black
ShadowLines=Gray8Dark _
      GuideLines=Gray8Dark      Highlight=Red      Selection=10504778      AreaFillBot=Red
AreaFillTop=16744703   AreaFillSd=Red   AreaEdge=DarkRed   SolidF1=Red   SolidF2=Blue   SolidF3=Green
SolidF4=Yellow   SolidF5=White   SolidF6=Cyan _
      SolidEdge=DarkRed   Floor=Gray4   Background=White   BGLowLeft=White   BGLowRight=White
BGUpRight=White   Darkness=0.5
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TABLE:  "OPTIONS - COLORS - OUTPUT"
   DeviceType=Screen     Contour1=13107400     Contour2=6553828     Contour3=Red     Contour4=16639
Contour5=Orange       Contour6=43775       Contour7=54527       Contour8=Yellow       Contour9=65408
Contour10=Green   Contour11=8453888   Contour12=Cyan _
       Contour13=16755200     Contour14=16733440     Contour15=Blue     Transpare=0.5     Ratio1=Cyan
Ratio2=Green     Ratio3=Yellow     Ratio4=Orange     Ratio5=Red     RatioNotD=Gray4     RatioNotC=Red
RatioVal1=0.5   RatioVal2=0.7   RatioVal3=0.9 _
       RatioVal4=1   DFillPos=Gray8Dark   DFillNeg=Gray8Dark   DFillRPos=4210752   DFillRNeg=4210752
   DeviceType=Printer     Contour1=Black     Contour2=3158064     Contour3=4210752     Contour4=5263440
Contour5=6316128     Contour6=7368816     Contour7=Gray8Dark     Contour8=Gray7     Contour9=Gray6
Contour10=Gray5   Contour11=Gray4 _
       Contour12=Gray3     Contour13=Gray2     Contour14=Gray1Light     Contour15=White     Transpare=0
Ratio1=Gray2     Ratio2=Gray4     Ratio3=Gray8Dark     Ratio4=4210752     Ratio5=Black     RatioNotD=Gray4
RatioNotC=Black   RatioVal1=0.5 _
       RatioVal2=0.7     RatioVal3=0.9     RatioVal4=1     DFillPos=Gray8Dark     DFillNeg=Gray8Dark
DFillRPos=4210752   DFillRNeg=4210752
   DeviceType="Color Printer"   Contour1=13107400   Contour2=6553828   Contour3=Red   Contour4=16639
Contour5=Orange       Contour6=43775       Contour7=54527       Contour8=Yellow       Contour9=65408
Contour10=Green   Contour11=8453888 _
       Contour12=Cyan     Contour13=16755200     Contour14=16733440     Contour15=Blue     Transpare=0
Ratio1=Cyan     Ratio2=Green     Ratio3=Yellow     Ratio4=Orange     Ratio5=Red     RatioNotD=Gray4
RatioNotC=Red   RatioVal1=0.5   RatioVal2=0.7 _
       RatioVal3=0.9       RatioVal4=1       DFillPos=Blue       DFillNeg=Red       DFillRPos=Green
DFillRNeg=Green

TABLE:  "OVERWRITES - CONCRETE DESIGN - ACI 318-11"
   Frame=1    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=2    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=3    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=4    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=5    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=6    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=7    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=8    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=9    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=10    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=11    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=12    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=13    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=14    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=15    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=16    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=17    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=18    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
   Frame=19    DesignSect="Program Determined"    FrameType="Program Determined"    RLLF=0    XLMajor=0
XLMinor=0    XKMajor=0    XKMinor=0    CmMajor=0    CmMinor=0    DnsMajor=0    DnsMinor=0    DsMajor=0
DsMinor=0
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   Frame=20   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=21   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=22   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=23   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=24   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=25   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=26   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=27   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=28   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=29   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=30   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=31   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=32   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=33   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=34   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=35   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=36   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=37   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=38   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=39   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=40   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=41   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=42   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=43   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=44   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=45   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=46   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
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   Frame=47   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=48   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=49   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=50   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=51   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=52   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=53   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=54   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=55   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0
   Frame=56   DesignSect="Program Determined"   FrameType="Program Determined"   RLLF=0   XLMajor=0
XLMinor=0   XKMajor=0   XKMinor=0   CmMajor=0   CmMinor=0   DnsMajor=0   DnsMinor=0   DsMajor=0
DsMinor=0

TABLE:  "PREFERENCES - ALUMINUM DESIGN - AA-ASD 2000"
   THDesign=Envelopes   FrameType="Moment   Frame"   SRatioLimit=1   MaxIter=1
LatFact=1.33333333333333   UseLatFact=No   Bridge=No

TABLE:  "PREFERENCES - COLD FORMED DESIGN - AISI-ASD96"
   THDesign=Envelopes   FrameType="Braced  Frame"   SRatioLimit=1   MaxIter=1   OmegaBS=1.67
OmegaBUS=1.67   OmegaBLTB=1.67   OmegaVS=1.67   OmegaVNS=1.5   OmegaT=1.67   OmegaC=1.8

TABLE:  "PREFERENCES - CONCRETE DESIGN - ACI 318-11"
   THDesign=Envelopes   NumCurves=24   NumPoints=11   MinEccen=Yes   PatLLF=0.75   UFLimit=0.95
SeisCat=D   PhiT=0.9   PhiCTied=0.65   PhiCSpiral=0.75   PhiV=0.75   PhiVSeismic=0.6   PhiVJoint=0.85

TABLE:  "PREFERENCES - DIMENSIONAL"
   MergeTol=0.001   FineGrid=0.25   Nudge=0.25   SelectTol=3   SnapTol=12   SLineThick=1
PLineThick=4   MaxFont=12   MinFont=8   AutoZoom=10   ShrinkFact=70   TextFileLen=240

TABLE:  "PREFERENCES - STEEL DESIGN - AISC 360-10"
   THDesign=Envelopes   FrameType=SMF   PatLLF=0.75   SRatioLimit=0.95   MaxIter=1   SDC=D
SeisCode=Yes   SeisLoad=Yes   ImpFactor=1   SystemRho=1   SystemSds=0.5   SystemR=8   SystemCd=5.5
Omega0=3   Provision=LRFD _
       AMethod="Direct  Analysis"   SOMethod="General  2nd  Order"   SRMethod="Tau-b  Fixed"
NLCoeff=0.002   PhiB=0.9   PhiC=0.9   PhiTY=0.9   PhiTF=0.75   PhiV=0.9   PhiVRolledI=1   PhiVT=0.9
PlugWeld=Yes   HSSWelding=ERW   HSSReduceT=No _
       CheckDefl=No   DLRat=120   SDLAndLLRat=120   LLRat=360   TotalRat=240   NetRat=240

TABLE:  "PROGRAM CONTROL"
   ProgramName=SAP2000   Version=16.1.1   CurrUnits="KN,  m,  C"   SteelCode="AISC  360-10"
ConcCode="ACI 318-11"   AlumCode="AA-ASD 2000"   ColdCode=AISI-ASD96   RegenHinge=Yes

TABLE:  "PROJECT INFORMATION"
   Item="Company Name"   Data=Rocksoil
   Item="Client Name"
   Item="Project Name"
   Item="Project Number"
   Item="Model Name"
   Item="Model Description"
   Item="Revision Number"
   Item="Frame Type"
   Item=Engineer
   Item=Checker
   Item=Supervisor
   Item="Issue Code"
   Item="Design Code"

TABLE:  "REBAR SIZES"
   RebarID=#2   Area=0.000032258   Diameter=0.00635
   RebarID=#3   Area=7.09675996154547E-05   Diameter=0.009525
   RebarID=#4   Area=1.29032001922727E-04   Diameter=0.0127
   RebarID=#5   Area=1.99999601538181E-04   Diameter=0.015875
   RebarID=#6   Area=2.83870398461819E-04   Diameter=0.01905
   RebarID=#7   Area=3.87096015381813E-04   Diameter=0.022225
   RebarID=#8   Area=5.09676413843632E-04   Diameter=0.0254
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   RebarID=#9   Area=0.00064516   Diameter=2.86512005329132E-02
   RebarID=#10   Area=8.19353187694455E-04   Diameter=3.22579995155334E-02
   RebarID=#11   Area=1.00644956308365E-03   Diameter=3.58139991521835E-02
   RebarID=#14   Area=0.00145161   Diameter=4.30021989583969E-02
   RebarID=#18   Area=0.00258064   Diameter=5.73277992248535E-02
   RebarID=10M   Area=1.00000004162606E-04   Diameter=1.13000003604438E-02
   RebarID=15M   Area=2.00000008325212E-04   Diameter=1.60000002402959E-02
   RebarID=20M   Area=3.00000012487818E-04   Diameter=1.95000002928606E-02
   RebarID=25M   Area=5.00000020813031E-04   Diameter=2.52000011414055E-02
   RebarID=30M   Area=7.00000029138243E-04   Diameter=2.99000000675832E-02
   RebarID=35M   Area=1.00000004162606E-03   Diameter=3.57000012990997E-02
   RebarID=45M   Area=1.50000006243909E-03   Diameter=4.37000014192476E-02
   RebarID=55M   Area=2.50000010406515E-03   Diameter=0.056400002372922
   RebarID=6d   Area=2.83000004150781E-05   Diameter=6.00000009011096E-03
   RebarID=8d   Area=5.03000013308514E-05   Diameter=8.00000012014795E-03
   RebarID=10d   Area=7.85000032676458E-05   Diameter=1.00000001501849E-02
   RebarID=12d   Area=1.13000004703745E-04   Diameter=1.20000001802219E-02
   RebarID=14d   Area=1.54000006410413E-04   Diameter=1.40000002102589E-02
   RebarID=16d   Area=2.01000008366838E-04   Diameter=1.60000002402959E-02
   RebarID=20d   Area=3.14000013070583E-04   Diameter=2.00000003003699E-02
   RebarID=25d   Area=4.91000020438396E-04   Diameter=2.50000003754623E-02
   RebarID=26d   Area=5.31000022103439E-04   Diameter=2.60000003904808E-02
   RebarID=28d   Area=6.16000025641654E-04   Diameter=2.80000004205178E-02
   RebarID=N12   Area=1.13000004703745E-04   Diameter=1.20000001802219E-02
   RebarID=N16   Area=2.01000008366838E-04   Diameter=1.60000002402959E-02
   RebarID=N20   Area=3.14000013070583E-04   Diameter=2.00000003003699E-02
   RebarID=N24   Area=4.52000001881498E-04   Diameter=2.40000003604438E-02
   RebarID=N28   Area=6.16000025641654E-04   Diameter=2.80000004205178E-02
   RebarID=N32   Area=8.04000033467353E-04   Diameter=3.20000004805918E-02
   RebarID=N36   Area=1.02000004245858E-03   Diameter=3.60000005406658E-02

TABLE:  "SOLID PROPERTY DEFINITIONS"
   SolidProp=SOLID1     Material=Rck40     MatAngleA=0     MatAngleB=0     MatAngleC=0     InComp=Yes
Color=Magenta   Notes="Added 16/02/2015 18.26.50"

END TABLE DATA
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