



PROYECTO CENTRO DE SERVICIO INFONAVIT (CESI), TULA.

Proyecto Ejecutivo – Memoria de Cálculo de
Estructuras.

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1 INTRODUCCIÓN Y OBJETIVO.

Los Centros de Servicio INFONAVIT (CESI), son oficinas que brindan atención personalizada sobre trámites y servicios relativos al crédito y al ahorro de los trabajadores derechohabientes, establecidos en diversos lugares o plazas en los que se requiere la presencia institucional en todo el país.

El proyecto CESI Tula, con una superficie de terreno de 2500.73 m² de oficinas (1 nivel de oficinas + estacionamiento). Se encuentra localizado en la Carretera Tula-Jorobas, Colonia El Llano. Municipio de Tula, Estado de Hidalgo.

El objetivo de la presente memoria es describir la estructuración al igual que los parámetros de diseño para el edificio que será destinado para el uso de oficinas, así como sus diferentes áreas de uso de reunión, cuartos de servicio de acuerdo a la información proporcionada por el cliente y la normatividad vigente.

2 DESCRIPCIÓN GENERAL DEL PROYECTO.

Compuesto por un predio de forma rectangular y topografía plana. Con base a la constancia de alineamiento las medidas generales son las siguientes, al Norte colinda con Propiedad privada, al Este con Lote 6, al Oeste con Lote 1 y al Sur con la Avenida Juárez.



Fig. 1 Localización del emplazamiento del “CESI Tula”.



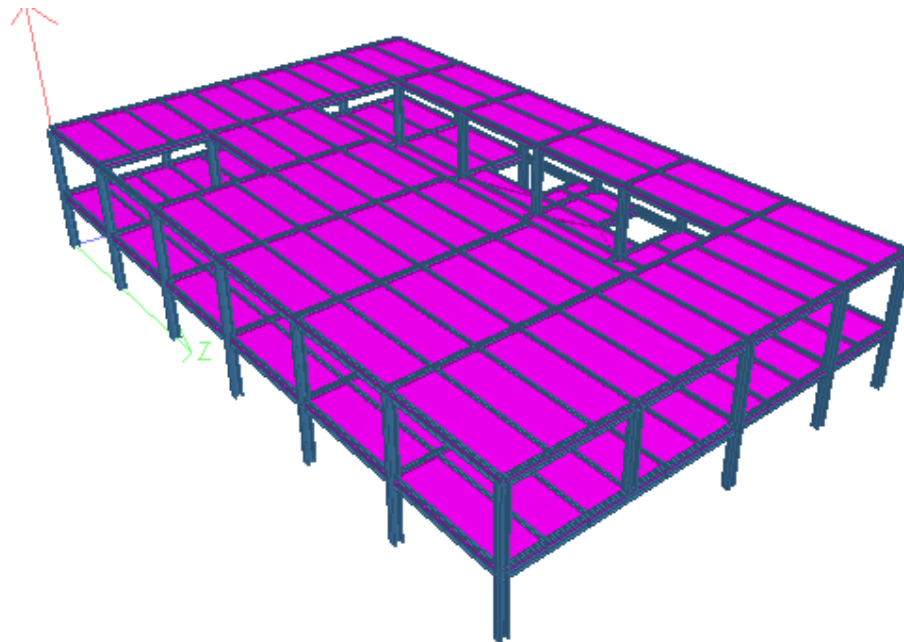
3 MODELO MATEMATICO.

Para el diseño de los elementos estructurales, se utilizara el programa de cómputo correspondiente, el cual contara con las herramientas necesarias para estos fines. Se realizó un modelo matemático tridimensional idealizando columnas y trabes mediante el elemento barra.

Las cargas gravitacionales (Carga Muerta y Carga Viva) se consideraron como cargas uniformemente repartidas en las trabes de cada nivel y el peso propio de la estructura es calculado directamente por el programa de análisis al declararle el comando self weight a todos los elementos que conforman el modelo.

Para el análisis sísmico, los sistemas de piso (losas) se consideraron como diafragmas rígidos y se realizó un análisis dinámico modal-espectral tomando en cuenta las recomendaciones establecidas en las Normas Técnicas Complementarias para Diseño por Sismo del Reglamento de Construcciones para el Distrito Federal.

En la figura siguiente se muestra una vista tridimensional del modelo de análisis descrito en párrafos anteriores.



Isométrico de Modelo de CESI.

4 REGLAMENTOS Y MANUALES EMPLEADOS.

Para el diseño del análisis y diseño estructural en cuestión, se han tomado en cuenta los reglamentos nacionales e internacionales mencionados a continuación:

- Reglamento de Construcciones del Municipio de Tula.
- Reglamento de Construcciones del Distrito Federal. (R.C.D.F.), Edición 2004
- Normas Técnicas Complementarias para el Diseño por Sismo. (N.T.C.D.S.)
- Normas Técnicas Complementarias sobre Criterios y Acciones para el Diseño Estructural de las Edificaciones. (N.T.C.C.A.D.E.E.)



- Normas Técnicas Complementarias para Diseño y Construcción de Estructuras Metálicas. (N.T.C.D.C.E.M.)
- Normas Técnicas Complementarias para Diseño y Construcción de Cimentaciones. (N.T.C.D.C.C.)
- Manual de Construcción en Acero IMCA.
- Manual de Diseño de Obras Civiles Diseño por Sismo. (M.D.O.C.D.S.)
- American Concrete Institute (ACI), Edición ACI 318-11.
- American Institute of Steel Construction. (AISC-LRFD)

5 MATERIALES.

5.1 CONCRETO.

Concreto estructural Clase I, con peso volumétrico de 2400 kg/cm^3 y resistencia a la compresión a los 28 días de $f'c = 250 \text{ kg/cm}^2$. Módulo de $E = 242487.1 \text{ kg/cm}^2$. Con agregados pétreos de un máximo de 2.0 cm de diámetro.

5.2 ACERO DE REFUERZO Y ANCLAS.

El acero de refuerzo, con esfuerzo de fluencia $f_y = 4200 \text{ kg/cm}^2$. Módulo de elasticidad $E = 2040000 \text{ kg/cm}^2$. Conforme a la designación A615 grado 60 de la ASTM.

Anclas ASTM A-36.

5.3 ACERO ESTRUCTURAL.

Acero estructural ASTM A-50 con esfuerzo de fluencia $f_y = 3515 \text{ kg/cm}^2$ y módulo de elasticidad $E = 2040000 \text{ kg/cm}^2$.

5.4 TORNILLOS

Tornillos estructurales deberán ser A-325 de alta resistencia.

5.5 SOLDADURA.

Electrodo serie E-70XX con resistencia a la tracción de 70 KSI (49.2 kg/mm^2). Se aplicaran criterios de acuerdo a lo establecido en AWS D1.1.



6 ANÁLISIS DE CARGAS.

Se evaluarán las cargas de acuerdo a lo establecido en el R.C.D.F. de acuerdo a su ocupación o actividad de la edificación, en este caso la estructura será destinada para oficinas por lo que se tienen las siguientes cargas:

De acuerdo al R.C.D.F. en su Art. 186 se deben considerar tres categorías de acciones de acuerdo con la duración en que obran la estructura con intensidad máxima, siendo estas:

- Acciones Permanentes.
- Acciones Variables.
- Acciones Accidentales.

6.1 ACCIONES PERMANENTES.

6.1.1 CARGAS MUERTAS.

De acuerdo al Artículo 160 del Reglamento de Construcciones del Distrito Federal (R.C.D.F.) se considerarán como Carga Muerta los pesos de todos los elementos estructurales, de los acabados y de todos los elementos que ocupan una posición permanente y tienen un peso que no cambia sustancialmente con el tiempo.

Entrepiso

- Losacero 229 kg/m²
- Muros divisorios 60 kg/m²
- Acabado 40 kg/m²
- Instalaciones 30 kg/m²
- Sobrecarga 40 kg/m²

TOTAL = 399 kg/m²

Azotea

- Losacero 229 kg/m²
- Relleno 90 kg/m²
- Equipos 80 kg/m²
- Instalaciones 30 kg/m²
- Sobrecarga 40 kg/m²

TOTAL = 469 kg/m²



6.2 ACCIONES VARIABLES.

6.2.1 CARGAS VIVAS.

De acuerdo al Artículo 161 Reglamento de Construcciones del Distrito Federal (R.C.D.F.) se considerarán como Cargas Vivas las fuerzas que se producen por el uso y ocupación de las edificaciones y que no tienen carácter permanente. A menos que se justifiquen racionalmente otros valores, estas cargas se tomarán iguales a las especificadas en las Normas Técnicas Complementarias sobre Criterios y Acciones para el Diseño Estructural de las Edificaciones (N.T.C.C.A.D.E.E).

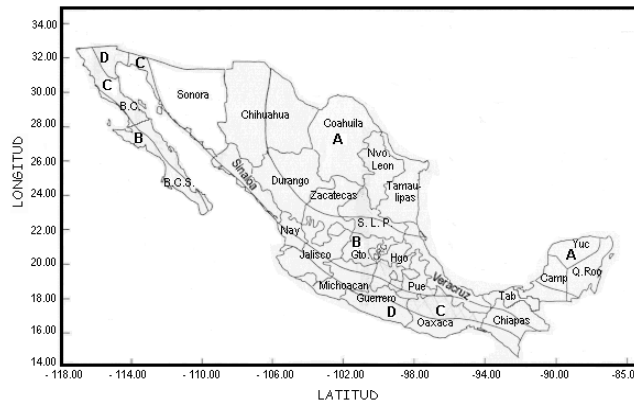
Destino de piso o cubierta.	Carga Viva Máxima (W_m)	Carga Viva Instantánea (W_a)
	Kg/m ²	Kg/m ²
Oficinas	250	180
Azotea pendiente < 5%	100	70

7 ANALISIS SISMICO.

Se realizó un análisis dinámico modal en base a los parámetros obtenidos y proporcionados por el Estudio de Mecánica de Suelos, con tres grados de libertad en cada nivel con el objeto de tomar en cuenta los desplazamientos horizontales en dos direcciones ortogonales.

Los parámetros del análisis es el siguiente:

- Clasificación de la estructura según su uso Grupo B
- Zona Sísmica B
- Clasificación del suelo Tipo II
- Coeficiente sísmico $c = 0.45$
- Factor de comportamiento sísmico $Q = 2$



Regionalización Sísmica de la Republica Mexicana.



Espectro de diseño:

$$a = a_0 + (c - a_0)(T/T_a) \quad \text{para } T \text{ menor que } T_a$$

$$a = c \quad \text{para } T \text{ entre } T_a \text{ y } T_b$$

$$a = qc \quad \text{para } T \text{ mayor que } T_b$$

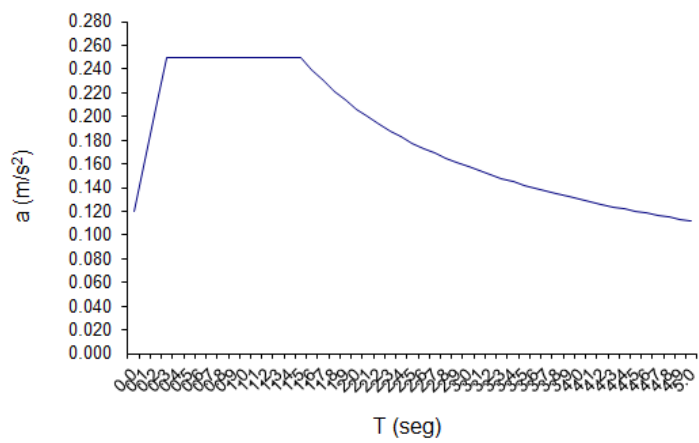
$$q = (T_b/T)^r$$

$$a_0 = 0.12$$

$$T_a = 0.30 \text{ seg} ; T_b = 1.5 \text{ seg}$$

$$r = 2/3$$

Espectro de diseño





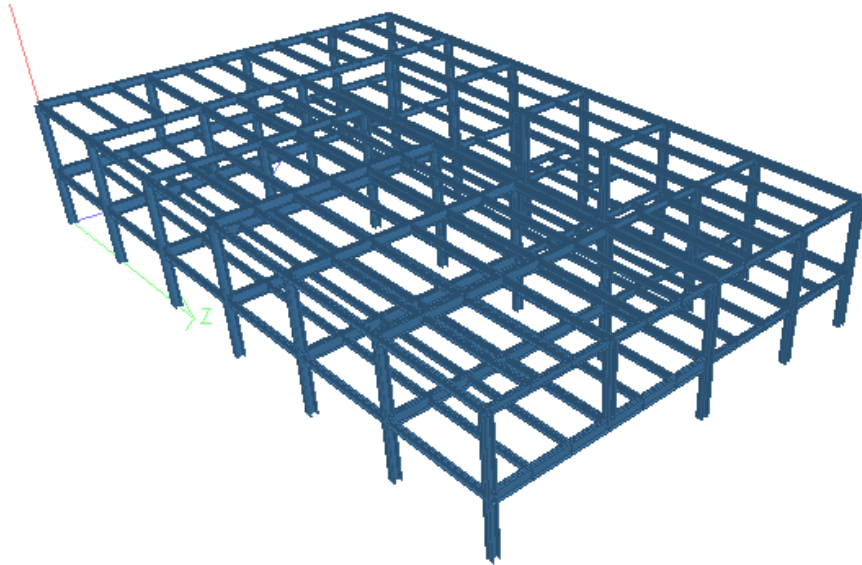
8 COMBINACIONES DE ACCIONES.

La seguridad de una estructura deberá verificarse para el combinado de todas las acciones que tengan una probabilidad no despreciable de ocurrir simultáneamente.

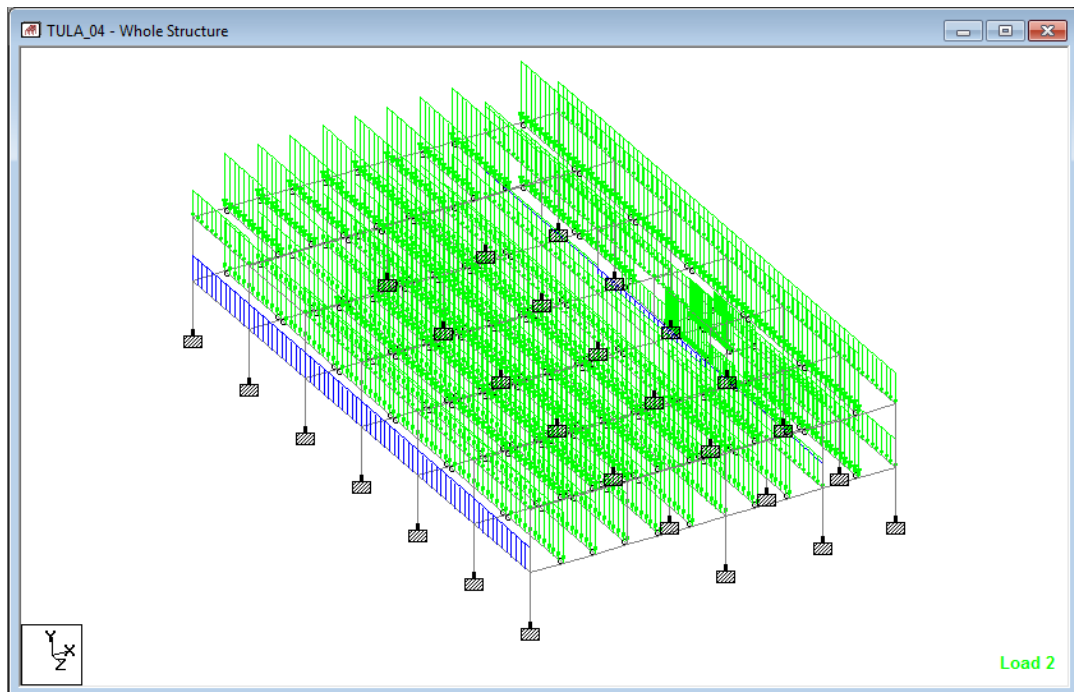
COMBINACIONES DE SERVICIO
1.0 (PP+CM + CV Max.)
1.0 (PP+CM + CV Inst. + Sx +0.3 Sz)
1.0 (PP+CM + CV Inst. + Sx - 0.3 Sz)
1.0 (PP+CM + CV Inst. - Sx + 0.3 Sz)
1.0 (PP+CM + CV Inst. - Sx - 0.3 Sz)
1.0 (PP+CM + CV Inst. + 0.3 Sx + Sz)
1.0 (PP+CM + CV Inst. + 0.3 Sx - Sz)
1.0 (PP+CM + CV Inst. - 0.3 Sx + Sz)
1.0 (PP+CM + CV Inst. - 0.3 Sx - Sz)
COMBINACIONES DE DISEÑO
1.4 (PP+CM + CV Max.)
1.1 (PP+CM + CV Inst. + Sx +0.3 Sz)
1.1 (PP+CM + CV Inst. + Sx - 0.3 Sz)
1.1 (PP+CM + CV Inst. - Sx + 0.3 Sz)
1.1 (PP+CM + CV Inst. - Sx - 0.3 Sz)
1.1 (PP+CM + CV Inst. + 0.3 Sx + Sz)
1.1 (PP+CM + CV Inst. + 0.3 Sx - Sz)
1.1 (PP+CM + CV Inst. - 0.3 Sx + Sz)
1.1 (PP+CM + CV Inst. - 0.3 Sx - Sz)



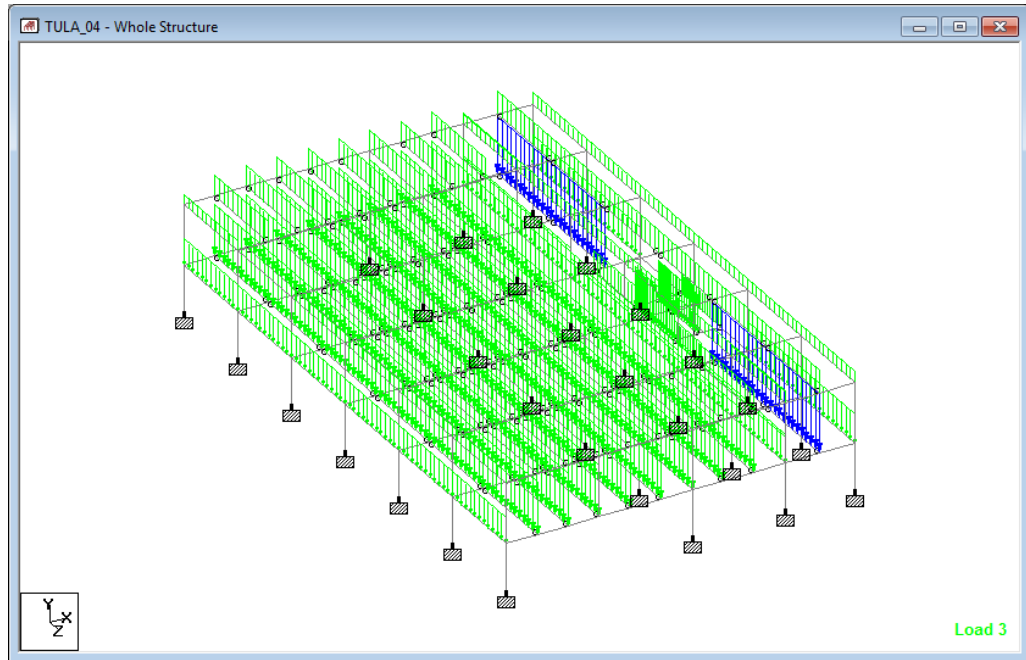
9 ANALISIS ESTRUCTURAL.



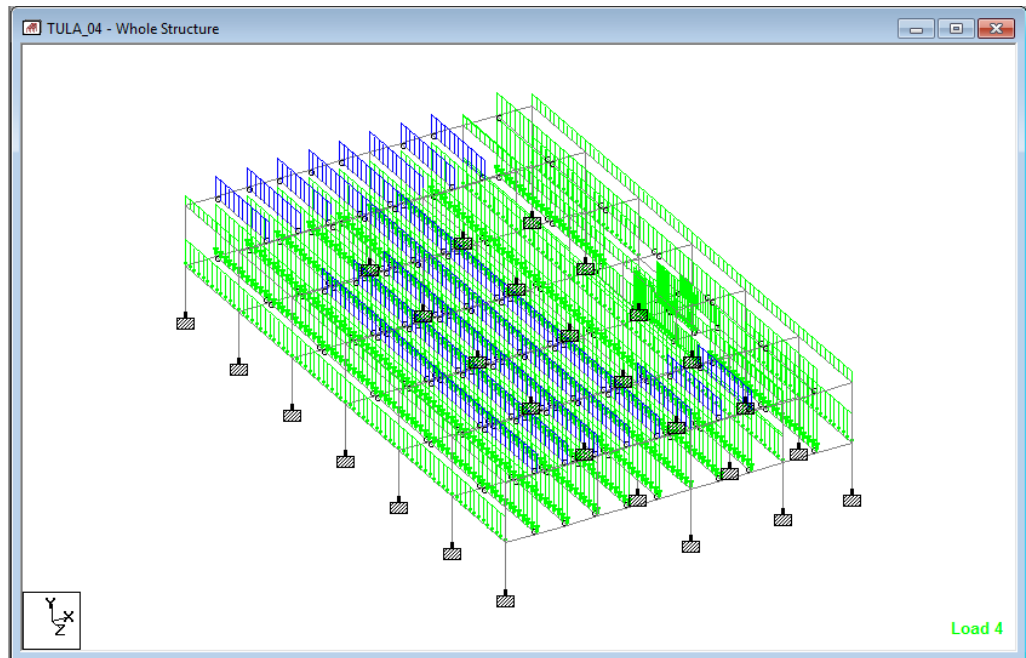
Estructuración de CESI.



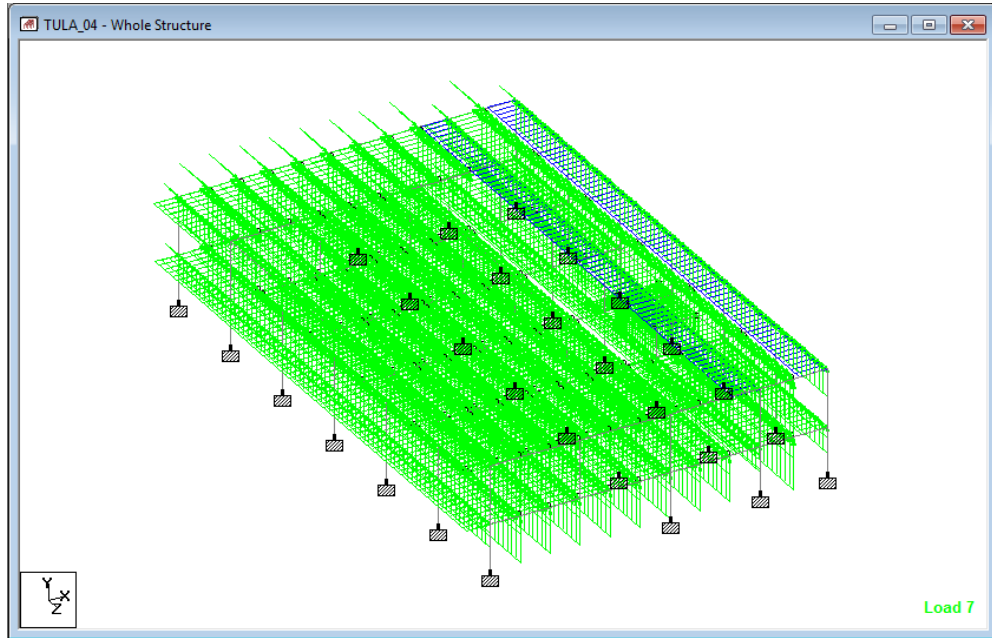
Carga Muerta.



Carga Viva Máxima.



Carga Viva Instantánea.



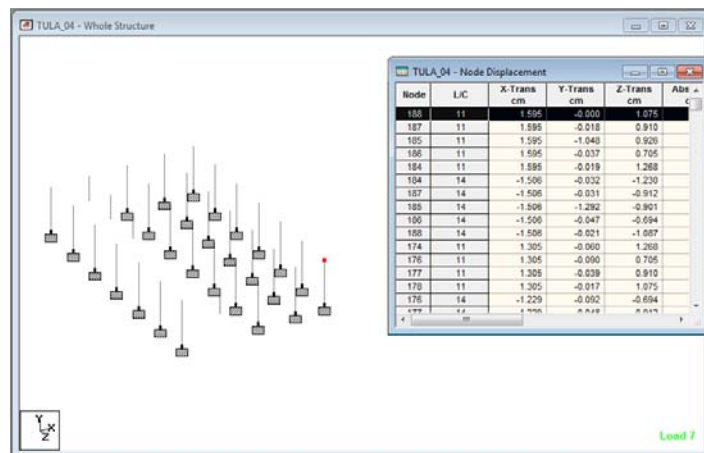
Carga de Sismo.

10 REVISION DE DESPLAZAMIENTOS.

Se revisará que los desplazamientos laterales cumplan con las limitaciones que marque el R.C.D.F. 2004 ($\Delta < 0.012H$).

Los elementos no estructurales que formen parte de la estructura deberán desligarse adecuadamente.

Dirección X

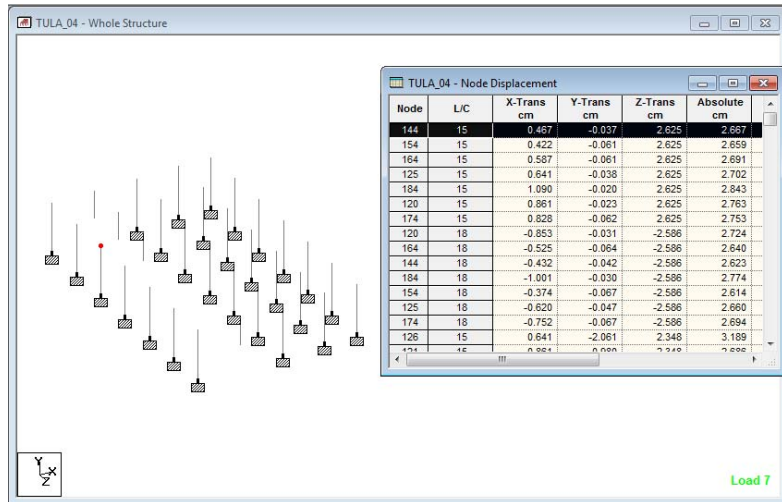


$$\Delta_{adm} = 0.012 \times h = 0.012 \times 690 \text{ cm} = \mathbf{8.28 \text{ cm}}$$

$$\Delta_{real} = 1.595 \text{ cm} \times 2 = \mathbf{3.19 \text{ cm}} < \Delta_{adm} ; \mathbf{O.k.}$$



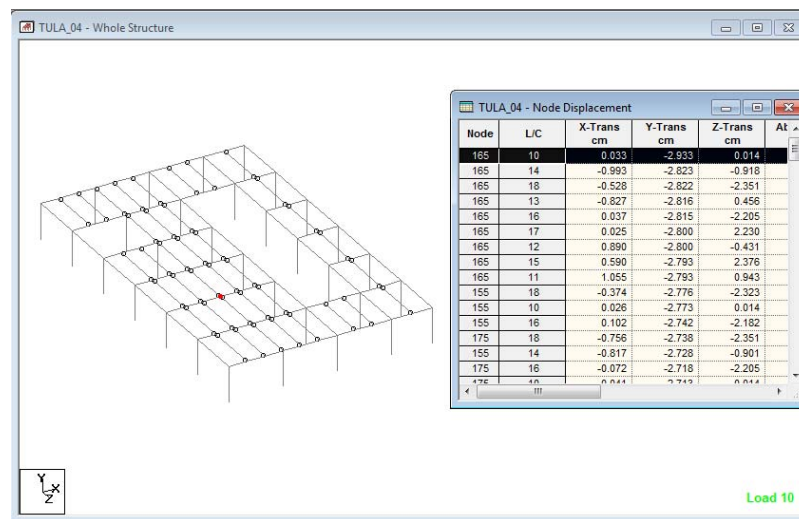
Dirección Z



$$\Delta_{adm} = 0.012 \times h = 0.012 \times 690 \text{ cm} = \mathbf{8.28 \text{ cm}}$$

$$\Delta_{real} = 2.63 \text{ cm} \times 2 = \mathbf{5.25 \text{ cm}} < \Delta_{adm} ; \mathbf{O.k.}$$

Los desplazamientos verticales (deflexiones en vigas) también deberán cumplir con el mismo reglamento y con las normas que rijan en los casos especiales que así se requieran.

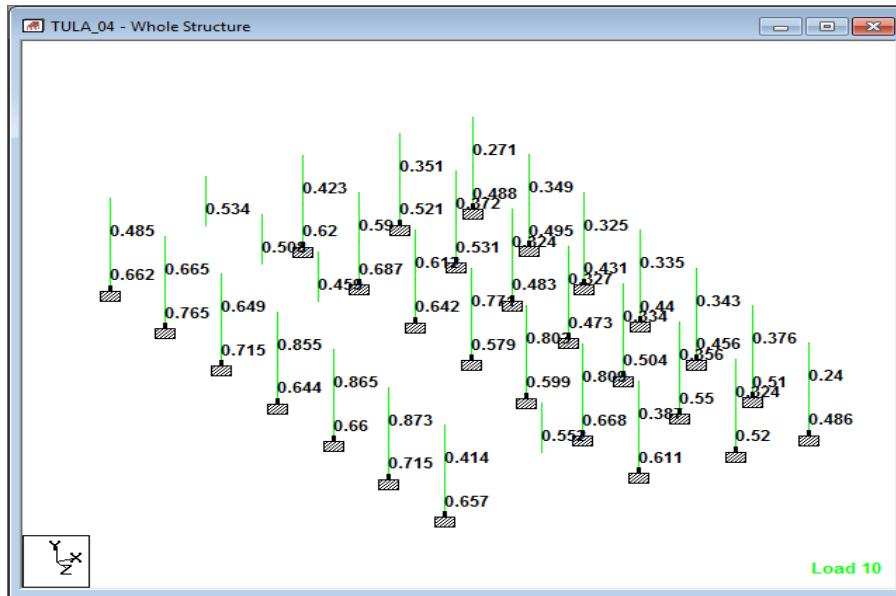


$$\Delta_{adm} = (L / 240) + 0.5 \text{ cm} = (1200 / 240) + 0.5 \text{ cm} = \mathbf{5.5 \text{ cm}}$$

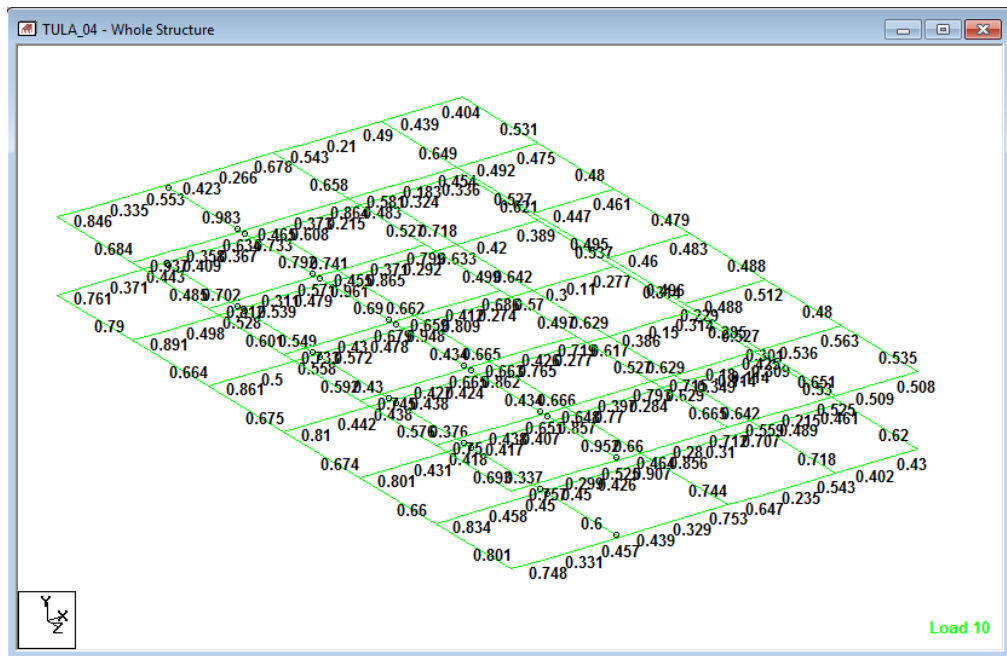
$$\Delta = \mathbf{2.93 \text{ cm}} < \Delta_{adm} ; \mathbf{O.k.}$$



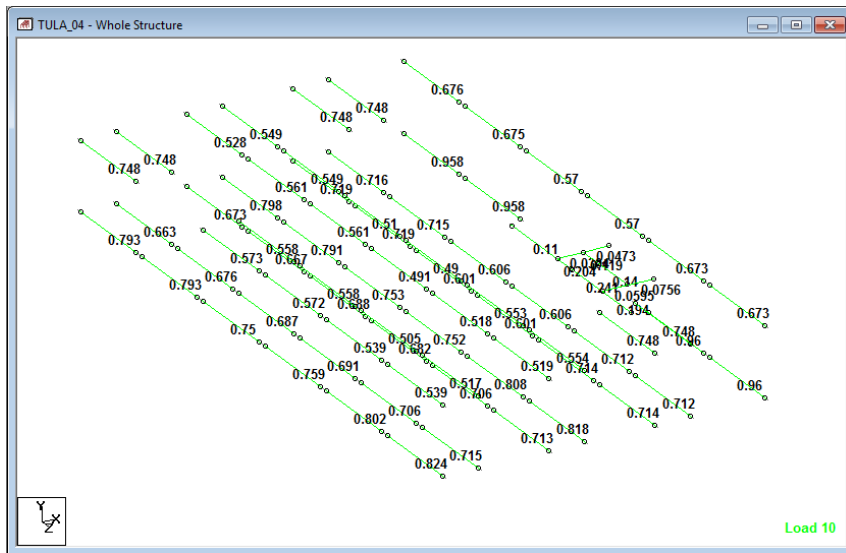
11 REVISION DE ESFUERZOS EN ELEMENTOS ESTRUCTURALES



Esfuerzos en columnas.



Esfuerzos en vigas principales.



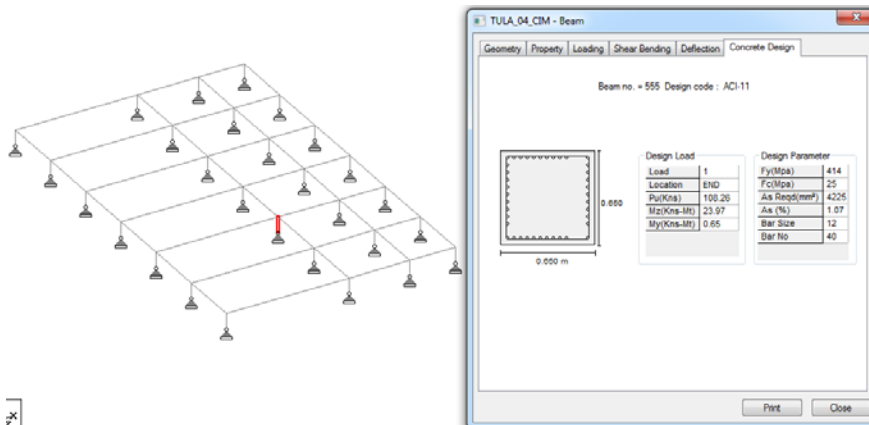
Esfuerzos en vigas secundarias.

12 DISEÑO DE ELEMENTOS ESTRUCTURALES.

Se diseñarán los elementos de la estructura de acuerdo con los lineamientos vigentes del R.C.D.F., así como las N.TC.-2004 con las combinaciones de carga aplicando los efectos de sismo,

Diseño de dados de concreto.

De los datos obtenidos de la corrida con el programa STAAD.Pro se obtiene el refuerzo necesario para los dados, se requiere un área de acero de refuerzo de :





ACI 318-11 COLUMN NO. 555 DESIGN RESULTS

FY - 413.7 FC - 24.5 MPA, SQRE SIZE - 650.0 X 650.0 MMS, TIED
ONLY MINIMUM STEEL IS REQUIRED.

AREA OF STEEL REQUIRED = 4225.0 SQ. MM

BAR CONFIGURATION	REINF PCT.	LOAD	LOCATION	PHI
40 - 12 MM	1.071	1	END	0.650
(PROVIDE EQUAL NUMBER OF BARS ON EACH FACE)				
TIE BAR NUMBER	10	SPACING	192.00	MM

Área de acero de refuerzo del modelo STAAD Pro. $A_s = 42.25 \text{ cm}^2$

Área de acero mínimo $A_s = 0.01bd' = 0.01 \times 4225 \text{ cm}^2 = 42.25 \text{ cm}^2$

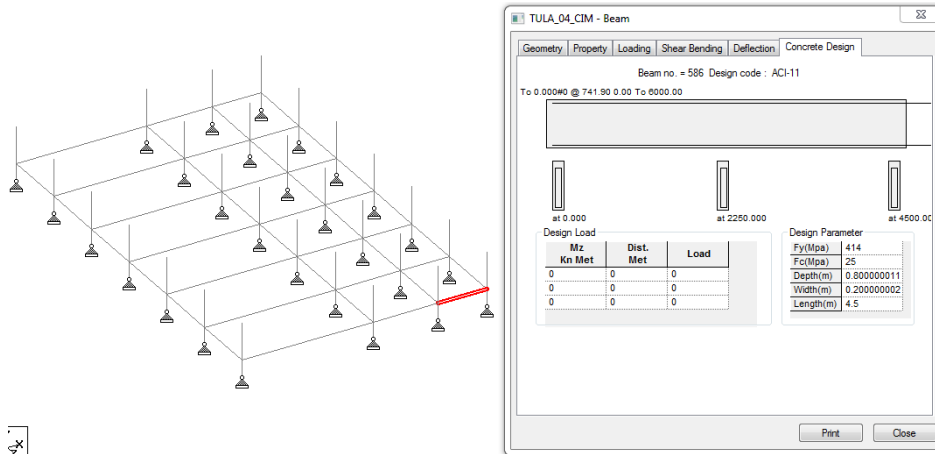
Área de dado = $65 \text{ cm} \times 65 \text{ cm} = 4225 \text{ cm}^2$

Ocupando varilla del # 6, área de acero necesaria = $42.25 \text{ cm}^2 / 2.85 \text{ cm}^2 = 14.82$

Acero de refuerzo propuesto:

16 # 6 , $A_{s \text{ prop}} = 16 \times 2.85 \text{ cm}^2 = 45.60 \text{ cm}^2 > 42.25 \text{ cm}^2$; o.k

Diseño de trabes de liga.



ACI 318-11 BEAM NO. 586 DESIGN RESULTS

LEN - 4500. MM FY - 414. FC - 25. MPA, SIZE - 200. X 800. MMS

LEVEL	HEIGHT (MM)	BAR INFO	FROM (MM)	TO (MM)	ANCHOR STA	END
-------	-------------	----------	-----------	---------	------------	-----

*** A SUITABLE BAR ARRANGEMENT COULD NOT BE DETERMINED.

REQD. STEEL = 1380. MM2, MAX. STEEL PERMISSIBLE = 2804. MM2

MAX POS MOMENT = 343.74 KN-MET, LOADING 21



Área de acero de refuerzo en el momento positivo obtenido del modelo STAAD. Pro.
 $A_s = 13.80 \text{ cm}^2$.

Ocupando varilla del # 8, área de acero necesaria = $13.80 \text{ cm}^2 / 5.07 \text{ cm}^2 = 2.72$

Acero de refuerzo propuesto:

3 # 8, $A_{s \text{ prop}} = 3 \times 5.07 \text{ cm}^2 = 15.21 \text{ cm}^2 > 13.80 \text{ cm}^2$; O.k.

*** A SUITABLE BAR ARRANGEMENT COULD NOT BE DETERMINED.

REQD. STEEL = 1460. MM2, MAX. STEEL PERMISSIBLE = 2804. MM2

MAX NEG MOMENT = 361.64 KN-MET, LOADING 24

Área de acero de refuerzo en el momento negativo obtenido del modelo STAAD. Pro.
 $A_s = 14.60 \text{ cm}^2$.

Ocupando varilla del # 8, área de acero necesaria = $14.60 \text{ cm}^2 / 5.07 \text{ cm}^2 = 2.88$

Acero de refuerzo propuesto:

3 # 8, $A_{s \text{ prop}} = 3 \times 5.07 \text{ cm}^2 = 15.21 \text{ cm}^2 < 14.60 \text{ cm}^2$; O.k.

DISEÑO DE ZAPATA AISLADA (Z-1)		Fecha :	01/11/2017
Proyecto:	CESI Tula	Rev:	
Cliente :	INFONAVIT		

1) Área de la Zapata.

a) Condición estática

$P_{eq} = 77.3 \text{ Ton}$

$P_{equ} = 108.15 \text{ Ton}$

b) Condición estática mas sismo

$P_{eq} = 165.18 \text{ Ton}$

$P_{equ} = 181.70 \text{ Ton}$

Dimensiones de zapata

$P_{equ} = 181.70 \text{ Ton}$

$A_{Z \text{ req.}} = 7.27 \text{ m}^2$

$L = 3.48 \text{ m} \quad B = 2.09 \text{ m}$

$L = 2.80 \text{ m} \quad B = 2.80 \text{ m}$

$A_{Z \text{ prop.}} = 7.84 \text{ m}^2$

2) Presiones de Contacto.

$W = 12.70 \text{ Ton}$

$P_U = 97.10 \text{ Ton}$

$P_T = 100.97 \text{ Ton}$

$P_{TU} = 111.07 \text{ Ton}$

$M_U = 36.98 \text{ Ton-m}$

$S = 3.66 \text{ m}^3$

$f1 = 24.27 \text{ Ton/m}^2 < 30.0 \text{ Ton/m}^2 \text{ Ok}$

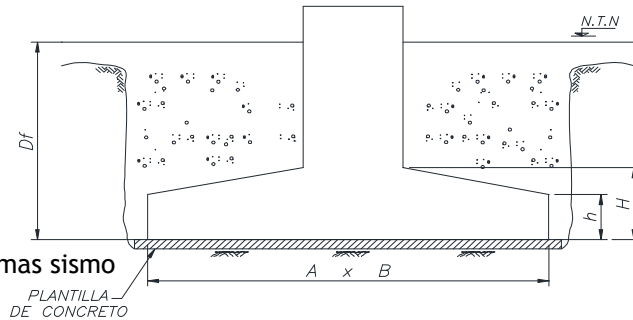
$f2 = 4.06 \text{ Ton/m}^2$

$e = 0.33 \text{ m}$

$L' = 2.13 \text{ m}$

$q_{tu} = 18.59 \text{ Ton/m}^2$

$q_{nu} = 16.25 \text{ Ton/m}^2$



Datos:

$G_{po} = B$

$P_E = 49.20 \text{ Ton}$

$P_S = 39.07 \text{ Ton}$

$M_E = 8.86 \text{ Ton-m}$

$M_S = 24.76 \text{ Ton-m}$

$f'_c = 250 \text{ kg/cm}^2$

$f_y = 4200 \text{ kg/cm}^2$

$D_f = 1.00 \text{ m}$

$f_{tu} = 30.00 \text{ Ton/m}^2$

$\gamma = 1.62 \text{ Ton/m}^3$

Dado

$C_1 = 65 \text{ cm}$

$C_2 = 65 \text{ cm}$

F.C. = 1.4

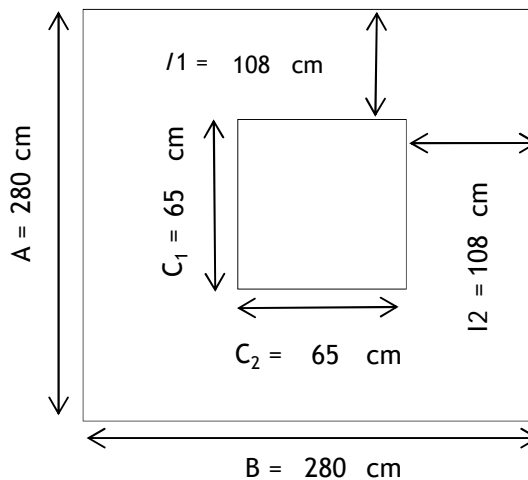
F.C. = 1.1 Sismo

F.R. = 0.7 Cortante

F.R. = 0.8 Cortante

F.R. = 0.9 Flexión

$r = 5 \text{ cm}$



3) Peralte Preliminar.

$$M_{uL} = 9.39 \text{ Ton-m}$$

$$M_{uB} = 9.39 \text{ Ton-m}$$

$$M_u = 9.39 \text{ Ton-m}$$

$$d = 30.93 \text{ cm}$$

$$d = 40 \text{ cm} \quad H = 45 \text{ cm}$$

4) Revisión por Cortante.

a) Cortante Perimetral o de Penetración.

$$C1+d = 105 \text{ cm}$$

$$C2+d = 105 \text{ cm}$$

$$C_{AB} = 52.5 \text{ cm}$$

$$b_o = 420 \text{ cm}$$

$$A_{falla} = 1.10 \text{ m}^2$$

$$V_u = 79.18 \text{ Ton}$$

$$0.2V_u d = 6.33 \text{ Ton-m} \quad 0.2V_u d < M_u = 36.98 \text{ Ton-m} \quad \text{Hay transmisión de momento.}$$

$$\alpha = 0.40$$

Secc. 2.5.9.2 N.T.C.E.C.

$$Jc = 31990000 \text{ cm}^4$$

$$v_u = 7.15 \text{ kg/cm}^2$$

$$V_{CR} = 9.90 \text{ kg/cm}^2$$

$$V_{CR} > v_u \quad \text{El peralte es el adecuado}$$

b) Cortante como Elemento Ancho.

Secc. 2.5.1.2 N.T.C.E.C.

Revisando las tres condiciones.

$$1) B > 4d ; \quad 2.80 > 1.60 \text{ Ok}$$

$$2) h < 60 \text{ cm} ; \quad 45 < 60 \text{ Ok}$$

$$3) \frac{M}{Vd} < 2 ; \quad 0.84 < 2 \text{ Ok}$$

$$M = 3.70 \text{ Ton-m}$$

$$V = 10.97 \text{ Ton}$$

Por lo tanto:

$$v_u = 2.74 \text{ kg/cm}^2$$

$$V_{CR} = 5.66 \text{ kg/cm}^2 \quad V_{CR} > v_u \quad \text{El peralte es el adecuado}$$

5) Diseño por Flexión.

$$A_{sL} = 9.72 \text{ cm}^2$$

$$A_{sB} = 9.72 \text{ cm}^2$$

$$A_{s_{min}} = 10.54 \text{ cm}^2$$

Armado Lecho Inferior Lado Largo

Proponiendo varillas del # 6

Area de varilla prouesta = 2.85

No de variilas = 3.7 ≈ 4

S = 25 cm = 25 cm

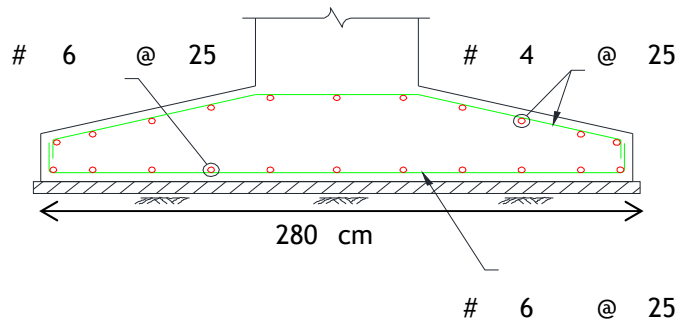
Armado Lecho Inferior Lado Corto

Proponiendo varillas del # 6

Area de varilla prouesta = 2.85

No de variilas = 3.7 ≈ 4

S = 25 cm = 25 cm



$$A_{s_{temp}} = 4.13 \text{ cm}^2$$

Armado Lecho Superior Ambos Lados

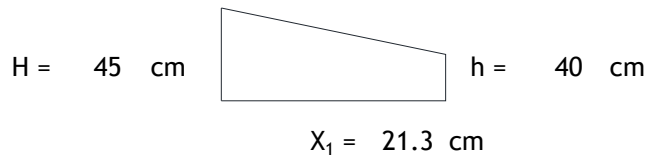
Proponiendo varillas del # 4

Area de varilla prouesta = 1.27

No de variilas = 3.25 ≈ 4

S = 25 cm = 25 cm

Secc. 5.7 N.T.C.E.C.



DISEÑO DE ZAPATA AISLADA (Z-2)		Fecha :	01/11/2017
Proyecto:	CESI Tula	Rev:	
Cliente :	INFONAVIT		

1) Área de la Zapata.

a) Condición estática

$$P_{eq} = 38.9 \text{ Ton}$$

$$P_{equ} = 54.48 \text{ Ton}$$

b) Condición estática mas sismo

$$P_{eq} = 100.67 \text{ Ton}$$

$$P_{equ} = 110.74 \text{ Ton}$$

Dimensiones de zapata

$$P_{equ} = 110.74 \text{ Ton}$$

$$A_{Z \text{ req.}} = 4.43 \text{ m}^2$$

$$L = 2.72 \text{ m} \quad B = 1.63 \text{ m}$$

$$L = 2.50 \text{ m} \quad B = 2.50 \text{ m}$$

$$A_{Z \text{ prop.}} = 6.25 \text{ m}^2$$

2) Presiones de Contacto.

$$W = 10.13 \text{ Ton}$$

$$P_U = 57.46 \text{ Ton}$$

$$P_T = 62.36 \text{ Ton}$$

$$P_{TU} = 68.59 \text{ Ton}$$

$$M_U = 24.03 \text{ Ton-m}$$

$$S = 2.60 \text{ m}^3$$

$$f_1 = 20.20 \text{ Ton/m}^2 < 30.0 \text{ Ton/m}^2 \text{ Ok}$$

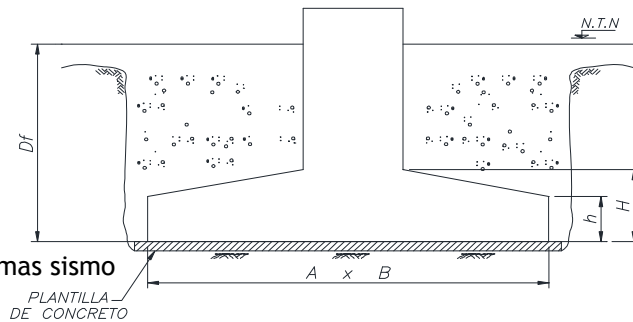
$$f_2 = 1.75 \text{ Ton/m}^2$$

$$e = 0.35 \text{ m}$$

$$L' = 1.80 \text{ m}$$

$$q_{tu} = 15.25 \text{ Ton/m}^2$$

$$q_{nu} = 12.77 \text{ Ton/m}^2$$



Datos:

$$G_{po} = B$$

$$P_E = 27.94 \text{ Ton}$$

$$P_S = 24.30 \text{ Ton}$$

$$M_E = 1.73 \text{ Ton-m}$$

$$M_S = 20.11 \text{ Ton-m}$$

$$f'_c = 250 \text{ kg/cm}^2$$

$$f_y = 4200 \text{ kg/cm}^2$$

$$D_f = 1.00 \text{ m}$$

$$f_{tu} = 30.00 \text{ Ton/m}^2$$

$$\gamma = 1.62 \text{ Ton/m}^3$$

Dado

$$C_1 = 65 \text{ cm}$$

$$C_2 = 65 \text{ cm}$$

$$F.C. = 1.4$$

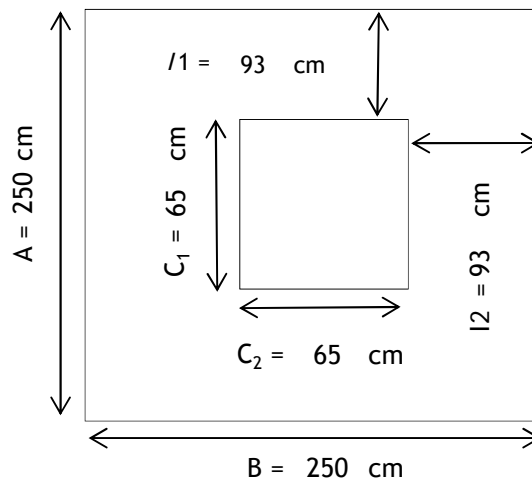
$$F.C. = 1.1 \text{ Sismo}$$

$$F.R. = 0.7 \text{ Cortante}$$

$$F.R. = 0.8 \text{ Cortante}$$

$$F.R. = 0.9 \text{ Flexión}$$

$$r = 5 \text{ cm}$$



3) Peralte Preliminar.

$$M_{uL} = 5.46 \text{ Ton-m}$$

$$M_{uB} = 5.46 \text{ Ton-m}$$

$$M_u = 5.46 \text{ Ton-m}$$

$$d = 27.15 \text{ cm}$$

$$d = 30 \text{ cm} \quad H = 35 \text{ cm}$$

4) Revisión por Cortante.

a) Cortante Perimetral o de Penetración.

$$C1+d = 95 \text{ cm}$$

$$C2+d = 95 \text{ cm}$$

$$C_{AB} = 47.5 \text{ cm}$$

$$b_o = 380 \text{ cm}$$

$$A_{falla} = 0.90 \text{ m}^2$$

$$V_u = 45.93 \text{ Ton}$$

$$0.2V_u d = 2.76 \text{ Ton-m}$$

$$0.2V_u d < M_u = 24.03 \text{ Ton-m} \quad \text{Hay transmisión de momento.}$$

$$\alpha = 0.40$$

Secc. 2.5.9.2 N.T.C.E.C.

$$Jc = 17575000 \text{ cm}^4$$

$$v_u = 6.63 \text{ kg/cm}^2$$

$$V_{CR} = 9.90 \text{ kg/cm}^2$$

$$V_{CR} > v_u \quad \text{El peralte es el adecuado}$$

b) Cortante como Elemento Ancho.

Secc. 2.5.1.2 N.T.C.E.C.

Revisando las tres condiciones.

$$1) B > 4d ; \quad 2.50 > 1.20 \text{ Ok}$$

$$2) h < 60 \text{ cm} ; \quad 35 < 60 \text{ Ok}$$

$$3) \frac{M}{Vd} < 2 ; \quad 1.04 < 2 \text{ Ok}$$

$$M = 2.49 \text{ Ton-m}$$

$$V = 7.98 \text{ Ton}$$

Por lo tanto:

$$v_u = 2.66 \text{ kg/cm}^2$$

$$V_{CR} = 5.66 \text{ kg/cm}^2$$

$$V_{CR} > v_u \quad \text{El peralte es el adecuado}$$

5) Diseño por Flexión.

$$A_{sL} = 7.54 \text{ cm}^2$$

$$A_{sB} = 7.54 \text{ cm}^2$$

$$A_{s_{min}} = 7.91 \text{ cm}^2$$

Armado Lecho Inferior Lado Largo

Proponiendo varillas del # 5

Area de varilla prouesta = 1.98

No de variilas = 3.99 ≈ 4

S = 25 cm = 25 cm

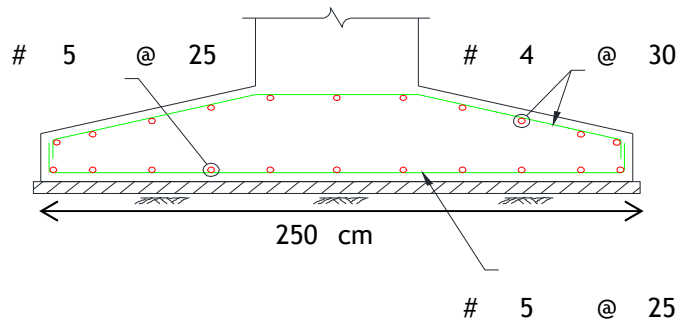
Armado Lecho Inferior Lado Corto

Proponiendo varillas del # 5

Area de varilla prouesta = 1.98

No de variilas = 3.99 ≈ 4

S = 25 cm = 25 cm



$$A_{s_{temp}} = 3.29 \text{ cm}^2$$

Armado Lecho Superior Ambos Lados

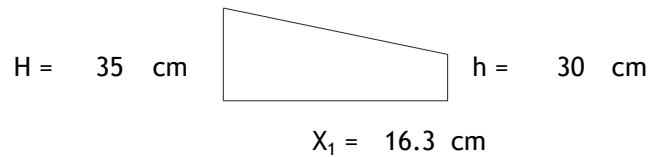
Proponiendo varillas del # 4

Area de varilla prouesta = 1.27

No de variilas = 2.59 ≈ 3

S = 33 cm = 30 cm

Secc. 5.7 N.T.C.E.C.





ANEXO 1


```

*****
*
*          STAAD.Pro V8i SELECTseries6          *
*          Version  20.07.11.45                 *
*          Proprietary Program of              *
*          Bentley Systems, Inc.               *
*          Date=    FEB 27, 2018               *
*          Time=    16:56: 0                   *
*
*          USER ID: Personal                   *
*****

```

1. STAAD SPACE

INPUT FILE: C:\Users\GLR\Documents\TRABAJO\CESI INFONAVIT\TULA\ANALISIS\MODELO\TULA_04.STD

2. START JOB INFORMATION

3. ENGINEER DATE 12-SEP-17

4. END JOB INFORMATION

5. INPUT WIDTH 79

6. UNIT METER MTON

7. JOINT COORDINATES

- 8. 1 0 0 0; 2 0 3 0; 3 6 3 0; 5 12 3 0; 6 12 0 0; 7 18 3 0; 8 18 0 0; 9 22.5 3 0
- 9. 10 22.5 0 0; 11 0 0 6; 12 0 3 6; 13 6 3 6; 15 12 3 6; 16 12 0 6; 17 18 3 6
- 10. 18 18 0 6; 19 22.5 3 6; 20 22.5 0 6; 21 2 3 0; 22 4 3 0; 23 2 3 6; 24 4 3 6
- 11. 25 8 3 0; 26 10 3 0; 27 8 3 6; 28 10 3 6; 29 14 3 0; 30 16 3 0; 31 14 3 6
- 12. 32 16 3 6; 33 20.25 3 0; 34 20.25 3 6; 35 0 0 12; 36 0 3 12; 37 6 3 12
- 13. 39 12 3 12; 40 12 0 12; 41 18 3 12; 42 18 0 12; 43 22.5 3 12; 44 22.5 0 12
- 14. 45 2 3 12; 46 4 3 12; 47 8 3 12; 48 10 3 12; 49 14 3 12; 50 16 3 12
- 15. 51 20.25 3 12; 52 0 0 18; 53 0 3 18; 54 6 3 18; 56 12 3 18; 57 12 0 18
- 16. 58 18 3 18; 59 18 0 18; 60 22.5 3 18; 61 22.5 0 18; 62 2 3 18; 63 4 3 18
- 17. 64 8 3 18; 65 10 3 18; 66 14 3 18; 67 16 3 18; 68 21 3 18; 69 0 0 24
- 18. 70 0 3 24; 71 6 3 24; 73 12 3 24; 74 12 0 24; 75 18 3 24; 76 18 0 24
- 19. 77 22.5 3 24; 78 22.5 0 24; 79 2 3 24; 80 4 3 24; 81 8 3 24; 82 10 3 24
- 20. 83 14 3 24; 84 16 3 24; 85 20.25 3 24; 86 0 0 30; 87 0 3 30; 88 6 3 30
- 21. 90 12 3 30; 91 12 0 30; 92 18 3 30; 93 18 0 30; 94 22.5 3 30; 95 22.5 0 30
- 22. 96 2 3 30; 97 4 3 30; 98 8 3 30; 99 10 3 30; 100 14 3 30; 101 16 3 30
- 23. 102 20.25 3 30; 103 0 0 36; 104 0 3 36; 105 6 3 36; 107 12 3 36; 108 12 0 36
- 24. 109 18 3 36; 110 18 0 36; 111 22.5 3 36; 112 22.5 0 36; 113 2 3 36; 114 4 3 36
- 25. 115 8 3 36; 116 10 3 36; 117 14 3 36; 118 16 3 36; 119 20.25 3 36; 120 0 6.9 0
- 26. 121 6 6.9 0; 122 12 6.9 0; 123 18 6.9 0; 124 22.5 6.9 0; 125 0 6.9 6
- 27. 126 6 6.9 6; 127 12 6.9 6; 128 18 6.9 6; 129 22.5 6.9 6; 130 2 6.9 0
- 28. 131 4 6.9 0; 132 2 6.9 6; 133 4 6.9 6; 134 8 6.9 0; 135 10 6.9 0; 136 8 6.9 6
- 29. 137 10 6.9 6; 138 14 6.9 0; 139 16 6.9 0; 140 14 6.9 6; 141 16 6.9 6
- 30. 142 20.25 6.9 0; 143 20.25 6.9 6; 144 0 6.9 12; 145 6 6.9 12; 146 12 6.9 12
- 31. 147 18 6.9 12; 148 22.5 6.9 12; 149 2 6.9 12; 150 4 6.9 12; 151 8 6.9 12
- 32. 152 10 6.9 12; 153 20.25 6.9 12; 154 0 6.9 18; 155 6 6.9 18; 156 12 6.9 18
- 33. 157 18 6.9 18; 158 22.5 6.9 18; 159 2 6.9 18; 160 4 6.9 18; 161 8 6.9 18
- 34. 162 10 6.9 18; 163 20.25 6.9 18; 164 0 6.9 24; 165 6 6.9 24; 166 12 6.9 24
- 35. 167 18 6.9 24; 168 22.5 6.9 24; 169 2 6.9 24; 170 4 6.9 24; 171 8 6.9 24
- 36. 172 10 6.9 24; 173 20.25 6.9 24; 174 0 6.9 30; 175 6 6.9 30; 176 12 6.9 30
- 37. 177 18 6.9 30; 178 22.5 6.9 30; 179 2 6.9 30; 180 4 6.9 30; 181 8 6.9 30
- 38. 182 10 6.9 30; 183 20.25 6.9 30; 184 0 6.9 36; 185 6 6.9 36; 186 12 6.9 36

39. 187 18 6.9 36; 188 22.5 6.9 36; 189 2 6.9 36; 190 4 6.9 36; 191 8 6.9 36
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49. 237 14 3 17.75; 238 16 3 12.25; 239 18 3 12.25; 240 16 3 17.75; 241 18 3 17.75
50. 242 11.5 3 12; 243 11.5 3 6
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52. 1 1 2; 2 2 21; 4 3 25; 5 5 6; 6 5 29; 7 7 8; 8 7 33; 9 9 10; 10 11 12
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114. 529 239 224; 530 240 67; 531 241 58; 532 234 235; 533 236 237; 534 238 239
115. 535 240 241; 536 242 39; 537 243 15
116. DEFINE MATERIAL START
117. ISOTROPIC STEEL
118. E 2.09042E+007
119. POISSON 0.3
120. DENSITY 7.83341
121. ALPHA 1.2E-005
122. DAMP 0.03
123. TYPE STEEL
124. STRENGTH FY 25819.2 FU 41584 RY 1.5 RT 1.2
125. ISOTROPIC CONCRETE
126. E 2.21467E+006
127. POISSON 0.17
128. DENSITY 2.40262
129. ALPHA 1E-005
130. DAMP 0.05
131. TYPE CONCRETE
132. STRENGTH FCU 2812.28
133. ISOTROPIC LOSA-CERO
134. E 2.21467E+006
135. POISSON 0.17
136. ALPHA 1E-005
137. DAMP 0.05
138. END DEFINE MATERIAL
139. MEMBER PROPERTY AMERICAN
140. 1 5 7 9 10 14 16 18 45 49 51 53 73 77 79 81 101 105 107 109 129 133 135 137 -
141. 157 161 163 165 185 188 190 192 193 196 198 200 229 232 233 235 250 253 254 -
142. 256 273 276 277 279 295 298 299 301 317 320 322 324 TABLE ST W14X90
143. 28 29 34 35 40 41 44 61 62 65 66 72 89 90 93 94 117 118 121 122 125 126 145 -
144. 146 149 150 153 154 156 173 174 177 178 181 182 184 471 TO 475 477 -
145. 479 TO 481 483 504 TO 511 514 517 522 523 532 TO 535 TABLE ST W14X30
146. 46 48 59 60 63 64 TABLE ST W24X94
147. 6 8 17 36 37 42 43 52 71 80 99 106 108 123 124 127 134 136 151 152 155 162 -
148. 164 179 180 183 469 470 476 482 TABLE ST W16X45
149. 186 187 189 191 194 197 199 206 TO 209 212 213 218 TO 221 224 225 230 234 -
150. 241 242 247 255 270 278 293 300 315 318 319 321 323 330 331 334 335 338 339 -

151. 342 345 TO 347 TABLE ST W16X36
 152. 227 344 465 466 TABLE ST W14X90
 153. 19 21 TO 23 54 56 TO 58 82 84 TO 86 110 112 TO 114 138 140 TO 142 166 168 -
 154. 169 TO 170 468 478 496 TO 503 512 515 519 521 524 526 529 -
 155. 531 TABLE ST W16X45
 156. 210 211 216 217 222 223 226 245 246 248 264 265 268 269 271 287 288 291 292 -
 157. 294 309 310 313 314 316 332 333 336 337 340 341 343 TABLE ST W14X30
 158. 201 TO 205 236 TO 240 257 TO 261 280 TO 284 302 TO 306 325 TO 328 -
 159. 329 TABLE ST W16X36
 160. 195 214 215 231 243 244 TABLE ST W16X57
 161. 251 252 262 263 266 267 274 275 285 286 289 290 296 297 307 308 311 -
 162. 312 TABLE ST W21X73
 163. 20 55 83 111 139 167 TABLE ST W16X45
 164. 2 4 11 13 24 TO 27 30 TO 33 74 76 87 88 91 92 102 104 115 116 119 120 130 -
 165. 132 143 144 147 148 158 160 171 172 175 176 TABLE ST W24X94
 166. 69 70 97 98 484 TO 491 513 516 518 520 525 527 528 530 TABLE ST W18X65
 167. 492 TO 495 TABLE ST W8X40
 168. 536 537 TABLE TC W24X94 WP 0.2 TH 0.008
 169. 15 38 39 50 67 68 78 95 96 TABLE ST W16X57
 170. CONSTANTS
 171. MATERIAL STEEL ALL
 172. MEMBER RELEASE
 173. 20 28 29 34 35 40 41 44 55 61 62 65 66 69 70 72 83 89 90 93 94 97 98 111 117 -
 174. 118 121 122 125 126 139 145 146 149 150 153 154 156 167 173 174 177 178 181 -
 175. 182 184 202 210 211 216 217 222 223 226 237 245 246 248 258 264 265 268 269 -
 176. 271 287 288 291 292 294 303 309 310 313 314 316 326 332 333 336 337 340 341 -
 177. 343 471 475 477 483 START MX
 178. 20 28 29 34 35 40 41 44 55 61 62 65 66 72 83 89 90 93 94 111 117 118 121 122 -
 179. 125 126 139 145 146 149 150 153 154 156 167 173 174 177 178 181 182 184 202 -
 180. 210 211 216 217 222 223 226 237 245 246 248 258 264 265 268 269 271 287 288 -
 181. 291 292 294 303 309 310 313 314 316 326 332 333 336 337 340 341 343 472 475 -
 182. 479 483 516 520 527 530 END MX
 183. 473 480 492 TO 495 504 TO 511 514 517 522 523 532 TO 535 START MZ
 184. 474 481 492 TO 495 504 TO 511 514 517 522 523 532 TO 535 END MZ
 185. 281 START MX MY
 186. 281 END MX MY
 187. SUPPORTS
 188. 1 6 8 10 11 16 18 20 35 40 42 44 52 57 59 61 69 74 76 78 86 91 93 95 103 108 -
 189. 110 112 FIXED
 190. SLAVE ZX MASTER 208 JOINT 2 5 7 9 12 15 17 19 36 39 41 43 53 56 58 60 70 73 -
 **WARNING- JOINT 208 NOT CONNECTED. OK, IF PART OF MASTER/SLAVE.
 *WARNING- JOINT NO. 209 NOT CONNECTED. OK, IF PART OF MASTER/SLAVE.
 191. 75 77 87 90 92 94 104 107 109 111
 192. SLAVE ZX MASTER 209 JOINT 120 TO 129 144 TO 148 154 TO 158 164 166 TO 168 -
 193. 174 176 TO 178 184 TO 188
 194. LOAD 1 LOADTYPE DEAD TITLE PP
 195. SELFWEIGHT Y -1
 196. LOAD 2 LOADTYPE DEAD TITLE CM
 197. MEMBER LOAD
 198. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
 199. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GY -0.44
 200. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
 201. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
 202. 504 TO 511 UNI GY -0.88
 203. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GY -0.49
 204. 44 72 156 184 UNI GY -0.99

205. 85 113 114 468 471 479 502 503 529 531 UNI GY -0.33
 206. 472 475 477 483 UNI GY -0.66
 207. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GY -0.47
 208. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
 209. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GY -0.94
 210. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GY -0.53
 211. 226 248 271 294 316 343 UNI GY -1.06
 212. LOAD 3 LOADTYPE LIVE TITLE CV MAX
 213. MEMBER LOAD
 214. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
 215. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GY -0.25
 216. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
 217. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
 218. 504 TO 511 UNI GY -0.5
 219. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GY -0.28
 220. 44 72 156 184 UNI GY -0.56
 221. 85 113 114 468 471 479 502 503 529 531 UNI GY -0.19
 222. 472 475 477 483 UNI GY -0.38
 223. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GY -0.1
 224. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
 225. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GY -0.2
 226. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GY -0.11
 227. 226 248 271 294 316 343 UNI GY -0.22
 228. LOAD 4 LOADTYPE LIVE TITLE CV INST
 229. MEMBER LOAD
 230. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
 231. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GY -0.18
 232. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
 233. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
 234. 504 TO 511 UNI GY -0.36
 235. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GY -0.2
 236. 44 72 156 184 UNI GY -0.4
 237. 85 113 114 468 471 479 502 503 529 531 UNI GY -0.14
 238. 472 475 477 483 UNI GY -0.27
 239. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GY -0.07
 240. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
 241. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GY -0.14
 242. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GY -0.08
 243. 226 248 271 294 316 343 UNI GY -0.16
 244. LOAD 5 LOADTYPE LIVE TITLE CV MEDIA
 245. MEMBER LOAD
 246. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
 247. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GY -0.1
 248. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
 249. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
 250. 504 TO 511 UNI GY -0.2
 251. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GY -0.1
 252. 44 72 156 184 UNI GY -0.23
 253. 85 113 114 468 471 479 502 503 529 531 UNI GY -0.075
 254. 472 475 477 483 UNI GY -0.15
 255. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GY -0.015
 256. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
 257. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GY -0.03
 258. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GY -0.017
 259. 226 248 271 294 316 343 UNI GY -0.034
 260. LOAD 6 LOADTYPE DEAD TITLE EQUIPOS

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261. MEMBER LOAD
262. 303 CON GY -1 3
263. 310 313 CON GY -0.5 3
264. LOAD 7 LOADTYPE DEAD TITLE ARRIATES
265. MEMBER LOAD
266. 492 TO 495 UNI GY -1.8
267. 492 TO 495 CON GY -0.75 1
268. LOAD 8 LOADTYPE SEISMIC TITLE SISMO EN X
269. *****
270. SELFWEIGHT X 1
271. SELFWEIGHT Y 1
272. SELFWEIGHT Z 1
273. *****
274. MEMBER LOAD
275. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
276. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GX 0.44
277. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
278. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
279. 504 TO 511 UNI GX 0.88
280. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GX 0.49
281. 44 72 156 184 UNI GX 0.99
282. 85 113 114 468 471 479 502 503 529 531 UNI GX 0.33
283. 472 475 477 483 UNI GX 0.66
284. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GX 0.47
285. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
286. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GX 0.94
287. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GX 0.53
288. 226 248 271 294 316 343 UNI GX 1.06
289. MEMBER LOAD
290. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
291. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GY 0.44
292. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
293. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
294. 504 TO 511 UNI GY 0.88
295. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GY 0.49
296. 44 72 156 184 UNI GY 0.99
297. 85 113 114 468 471 479 502 503 529 531 UNI GY 0.33
298. 472 475 477 483 UNI GY 0.66
299. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GY 0.47
300. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
301. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GY 0.94
302. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GY 0.53
303. 226 248 271 294 316 343 UNI GY 1.06
304. MEMBER LOAD
305. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
306. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GZ 0.44
307. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
308. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
309. 504 TO 511 UNI GZ 0.88
310. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GZ 0.49
311. 44 72 156 184 UNI GZ 0.99
312. 85 113 114 468 471 479 502 503 529 531 UNI GZ 0.33
313. 472 475 477 483 UNI GZ 0.66
314. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GZ 0.47
315. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
316. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GZ 0.94

317. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GZ 0.53
 318. 226 248 271 294 316 343 UNI GZ 1.06
 319. *****
 320. MEMBER LOAD
 321. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
 322. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GX 0.18
 323. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
 324. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
 325. 504 TO 511 UNI GX 0.36
 326. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GX 0.2
 327. 44 72 156 184 UNI GX 0.4
 328. 85 113 114 468 471 479 502 503 529 531 UNI GX 0.14
 329. 472 475 477 483 UNI GX 0.27
 330. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GX 0.07
 331. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
 332. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GX 0.14
 333. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GX 0.08
 334. 226 248 271 294 316 343 UNI GX 0.16
 335. MEMBER LOAD
 336. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
 337. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GY 0.18
 338. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
 339. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
 340. 504 TO 511 UNI GY 0.36
 341. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GY 0.2
 342. 44 72 156 184 UNI GY 0.4
 343. 85 113 114 468 471 479 502 503 529 531 UNI GY 0.14
 344. 472 475 477 483 UNI GY 0.27
 345. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GY 0.07
 346. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
 347. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GY 0.14
 348. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GY 0.08
 349. 226 248 271 294 316 343 UNI GY 0.16
 350. MEMBER LOAD
 351. 19 22 54 56 69 70 82 84 97 98 110 113 138 141 166 169 485 487 489 491 TO 497 -
 352. 500 501 512 TO 518 520 522 TO 528 530 532 TO 535 UNI GZ 0.18
 353. 20 21 28 29 34 35 40 41 55 61 62 65 66 83 89 90 93 94 111 112 117 118 121 -
 354. 122 125 126 139 140 145 146 149 150 153 154 167 168 173 174 177 178 181 182 -
 355. 504 TO 511 UNI GZ 0.36
 356. 22 23 57 58 141 142 169 170 498 499 519 521 UNI GZ 0.2
 357. 44 72 156 184 UNI GZ 0.4
 358. 85 113 114 468 471 479 502 503 529 531 UNI GZ 0.14
 359. 472 475 477 483 UNI GZ 0.27
 360. 201 204 237 238 257 259 280 282 302 304 325 328 UNI GZ 0.07
 361. 202 203 210 211 216 217 222 223 245 246 258 264 265 268 269 281 287 288 291 -
 362. 292 303 309 310 313 314 326 327 332 333 336 337 340 341 UNI GZ 0.14
 363. 204 205 239 240 260 261 283 284 305 306 328 329 UNI GZ 0.08
 364. 226 248 271 294 316 343 UNI GZ 0.16
 365. SPECTRUM SRSS X 1 ACC SCALE 9.81 DAMP 0.05 LIN
 366. 0 0.12; 0.1 0.163; 0.2 0.207; 0.3 0.25; 0.4 0.25; 0.5 0.25; 0.6 0.25
 367. 0.7 0.25; 0.8 0.25; 0.9 0.25; 1 0.25; 1.1 0.25; 1.2 0.25; 1.3 0.25; 1.4 0.25
 368. 1.5 0.25; 1.6 0.24; 1.7 0.23; 1.8 0.222; 1.9 0.214; 2 0.207; 2.1 0.2
 369. 2.2 0.194; 2.3 0.189; 2.4 0.183; 2.5 0.178; 2.6 0.174; 2.7 0.17; 2.8 0.166
 370. 2.9 0.162; 3 0.158; 3.1 0.155; 3.2 0.152; 3.3 0.149; 3.4 0.146; 3.5 0.143
 371. 3.6 0.14; 3.7 0.138; 3.8 0.135; 3.9 0.133; 4 0.131; 4.1 0.129; 4.2 0.127
 372. 4.3 0.125; 4.4 0.123; 4.5 0.121; 4.6 0.119; 4.7 0.118; 4.8 0.116; 4.9 0.114

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373. 5 0.113
374. LOAD 9 LOADTYPE SEISMIC TITLE SISMO EN Z
375. SPECTRUM SRSS Z 1 ACC SCALE 9.81 DAMP 0.05 LIN
376. ***** SERVICIO *****
377. 0 0.12; 0.1 0.163; 0.2 0.207; 0.3 0.25; 0.4 0.25; 0.5 0.25; 0.6 0.25
378. 0.7 0.25; 0.8 0.25; 0.9 0.25; 1 0.25; 1.1 0.25; 1.2 0.25; 1.3 0.25; 1.4 0.25
379. 1.5 0.25; 1.6 0.24; 1.7 0.23; 1.8 0.222; 1.9 0.214; 2 0.207; 2.1 0.2
380. 2.2 0.194; 2.3 0.189; 2.4 0.183; 2.5 0.178; 2.6 0.174; 2.7 0.17; 2.8 0.166
381. 2.9 0.162; 3 0.158; 3.1 0.155; 3.2 0.152; 3.3 0.149; 3.4 0.146; 3.5 0.143
382. 3.6 0.14; 3.7 0.138; 3.8 0.135; 3.9 0.133; 4 0.131; 4.1 0.129; 4.2 0.127
383. 4.3 0.125; 4.4 0.123; 4.5 0.121; 4.6 0.119; 4.7 0.118; 4.8 0.116; 4.9 0.114
384. 5 0.113
385. LOAD COMB 10 1.0 (PP+CM+CVMAX+EQU+ARR)
386. 1 1.0 2 1.0 3 1.0 6 1.0 7 1.0
387. LOAD COMB 11 1.0 (PP+CM+EQ+CVINST+ARR + SX+ 0.3 SZ)
388. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 1.0 9 0.3
389. LOAD COMB 12 1.0 (PP+CM+EQ+CVINST+ARR + SX- 0.3 SZ)
390. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 1.0 9 -0.3
391. LOAD COMB 13 1.0 (PP+CM+EQ+CVINST+ARR - SX+ 0.3 SZ)
392. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -1.0 9 0.3
393. LOAD COMB 14 1.0 (PP+CM+EQ+CVINST+ARR - SX- 0.3 SZ)
394. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -1.0 9 -0.3
395. LOAD COMB 15 1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX+ SZ)
396. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 0.3 9 1.0
397. LOAD COMB 16 1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX- SZ)
398. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 0.3 9 -1.0
399. LOAD COMB 17 1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX+ SZ)
400. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -0.3 9 1.0
401. LOAD COMB 18 1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX- SZ)
402. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -0.3 9 -1.0
403. LOAD COMB 19 1.0 (PP+CM+EQ+CVINST+ARR)
404. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0
405. ***** DISE?O *****
406. LOAD COMB 20 1.4 (PP+CM+EQ+CVMAX+ARR)
407. 1 1.4 2 1.4 3 1.4 6 1.4 7 1.4
408. LOAD COMB 21 1.1 (PP+CM+EQ+CVINST + SX+ 0.33 SZ)
409. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 1.1 9 0.33
410. LOAD COMB 22 1.1 (PP+CM+EQ+CVINST + SX- 0.33 SZ)
411. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 1.1 9 -0.33
412. LOAD COMB 23 1.1 (PP+CM+EQ+CVINST - SX+ 0.33 SZ)
413. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -1.1 9 0.33
414. LOAD COMB 24 1.1 (PP+CM+EQ+CVINST - SX- 0.33 SZ)
415. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -1.1 9 -0.33
416. LOAD COMB 25 1.1 (PP+CM+EQ+CVINST + 0.33 SX+ SZ)
417. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 0.33 9 1.1
418. LOAD COMB 26 1.1 (PP+CM+EQ+CVINST + 0.33 SX- SZ)
419. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 0.33 9 -1.1
420. LOAD COMB 27 1.1 (PP+CM+EQ+CVINST - 0.33 SX+ SZ)
421. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -0.33 9 1.1
422. LOAD COMB 28 1.1 (PP+CM+EQ+CVINST - 0.33 SX- SZ)
423. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -0.33 9 -1.1
424. PERFORM ANALYSIS PRINT ALL
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P R O B L E M S T A T I S T I C S

NUMBER OF JOINTS	236	NUMBER OF MEMBERS	407
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	28

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

ORIGINAL/FINAL BAND-WIDTH= 223/ 24/ 1065 DOF
TOTAL PRIMARY LOAD CASES = 9, TOTAL DEGREES OF FREEDOM = 1065
TOTAL LOAD COMBINATION CASES = 19 SO FAR.
SIZE OF STIFFNESS MATRIX = 1135 DOUBLE KILO-WORDS
REQRD/AVAIL. DISK SPACE = 30.3/ 422598.6 MB

LOADING 1 LOADTYPE DEAD TITLE PP

SELFWEIGHT Y -1.000

ACTUAL WEIGHT OF THE STRUCTURE = 100.039 MTON

LOADING 2 LOADTYPE DEAD TITLE CM

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
19	-0.4400 GY	0.00	6.00				
22	-0.4400 GY	0.00	6.00				
54	-0.4400 GY	0.00	6.00				
56	-0.4400 GY	0.00	0.25				
69	-0.4400 GY	0.00	0.25				
70	-0.4400 GY	0.00	0.25				
82	-0.4400 GY	0.00	6.00				
84	-0.4400 GY	0.00	0.25				
97	-0.4400 GY	0.00	0.25				
98	-0.4400 GY	0.00	0.25				
110	-0.4400 GY	0.00	6.00				
113	-0.4400 GY	0.00	6.00				
138	-0.4400 GY	0.00	6.00				
141	-0.4400 GY	0.00	6.00				
166	-0.4400 GY	0.00	6.00				
169	-0.4400 GY	0.00	6.00				
485	-0.4400 GY	0.00	1.75				
487	-0.4400 GY	0.00	1.75				
489	-0.4400 GY	0.00	1.75				
491	-0.4400 GY	0.00	1.75				
492	-0.4400 GY	0.00	2.00				
493	-0.4400 GY	0.00	2.00				
494	-0.4400 GY	0.00	2.00				
495	-0.4400 GY	0.00	2.00				
496	-0.4400 GY	0.00	2.00				
497	-0.4400 GY	0.00	1.75				
500	-0.4400 GY	0.00	2.00				
501	-0.4400 GY	0.00	1.75				
512	-0.4400 GY	0.00	1.75				
513	-0.4400 GY	0.00	1.75				
514	-0.4400 GY	0.00	2.00				
515	-0.4400 GY	0.00	0.25				
516	-0.4400 GY	0.00	0.25				
517	-0.4400 GY	0.00	2.00				
518	-0.4400 GY	0.00	1.75				
520	-0.4400 GY	0.00	0.25				
522	-0.4400 GY	0.00	2.00				
523	-0.4400 GY	0.00	2.00				

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524	-0.4400	GY	0.00	1.75
525	-0.4400	GY	0.00	1.75
526	-0.4400	GY	0.00	0.25
527	-0.4400	GY	0.00	0.25
528	-0.4400	GY	0.00	1.75
530	-0.4400	GY	0.00	0.25
532	-0.4400	GY	0.00	2.00
533	-0.4400	GY	0.00	2.00
534	-0.4400	GY	0.00	2.00
535	-0.4400	GY	0.00	2.00
20	-0.8800	GY	0.00	6.00
21	-0.8800	GY	0.00	6.00
28	-0.8800	GY	0.00	6.00
29	-0.8800	GY	0.00	6.00
34	-0.8800	GY	0.00	6.00
35	-0.8800	GY	0.00	6.00
40	-0.8800	GY	0.00	6.00
41	-0.8800	GY	0.00	6.00
55	-0.8800	GY	0.00	6.00
61	-0.8800	GY	0.00	6.00
62	-0.8800	GY	0.00	6.00
65	-0.8800	GY	0.00	6.00
66	-0.8800	GY	0.00	6.00
83	-0.8800	GY	0.00	6.00
89	-0.8800	GY	0.00	6.00
90	-0.8800	GY	0.00	6.00
93	-0.8800	GY	0.00	6.00
94	-0.8800	GY	0.00	6.00
111	-0.8800	GY	0.00	6.00
112	-0.8800	GY	0.00	6.00
117	-0.8800	GY	0.00	6.00
118	-0.8800	GY	0.00	6.00
121	-0.8800	GY	0.00	6.00
122	-0.8800	GY	0.00	6.00
125	-0.8800	GY	0.00	6.00
126	-0.8800	GY	0.00	6.00
139	-0.8800	GY	0.00	6.00
140	-0.8800	GY	0.00	6.00
145	-0.8800	GY	0.00	6.00
146	-0.8800	GY	0.00	6.00
149	-0.8800	GY	0.00	6.00
150	-0.8800	GY	0.00	6.00
153	-0.8800	GY	0.00	6.00
154	-0.8800	GY	0.00	6.00
167	-0.8800	GY	0.00	6.00
168	-0.8800	GY	0.00	6.00
173	-0.8800	GY	0.00	6.00
174	-0.8800	GY	0.00	6.00
177	-0.8800	GY	0.00	6.00
178	-0.8800	GY	0.00	6.00
181	-0.8800	GY	0.00	6.00
182	-0.8800	GY	0.00	6.00
504	-0.8800	GY	0.00	2.00
505	-0.8800	GY	0.00	2.00
506	-0.8800	GY	0.00	2.00
507	-0.8800	GY	0.00	2.00

STAAD SPACE

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508	-0.8800	GY	0.00	2.00
509	-0.8800	GY	0.00	2.00
510	-0.8800	GY	0.00	2.00
511	-0.8800	GY	0.00	2.00
22	-0.4900	GY	0.00	6.00
23	-0.4900	GY	0.00	6.00
57	-0.4900	GY	0.00	0.25
58	-0.4900	GY	0.00	6.00
141	-0.4900	GY	0.00	6.00
142	-0.4900	GY	0.00	6.00
169	-0.4900	GY	0.00	6.00
170	-0.4900	GY	0.00	6.00
498	-0.4900	GY	0.00	2.00
499	-0.4900	GY	0.00	1.75
519	-0.4900	GY	0.00	1.75
521	-0.4900	GY	0.00	0.25
44	-0.9900	GY	0.00	6.00
72	-0.9900	GY	0.00	6.00
156	-0.9900	GY	0.00	6.00
184	-0.9900	GY	0.00	6.00
85	-0.3300	GY	0.00	0.25
113	-0.3300	GY	0.00	6.00
114	-0.3300	GY	0.00	3.00
468	-0.3300	GY	0.00	1.40
471	-0.3300	GY	0.00	4.60
479	-0.3300	GY	0.00	3.00
502	-0.3300	GY	0.00	2.00
503	-0.3300	GY	0.00	1.75
529	-0.3300	GY	0.00	1.75
531	-0.3300	GY	0.00	0.25
472	-0.6600	GY	0.00	1.40
475	-0.6600	GY	0.00	1.40
477	-0.6600	GY	0.00	3.00
483	-0.6600	GY	0.00	3.00
201	-0.4700	GY	0.00	6.00
204	-0.4700	GY	0.00	6.00
237	-0.4700	GY	0.00	6.00
238	-0.4700	GY	0.00	6.00
257	-0.4700	GY	0.00	6.00
259	-0.4700	GY	0.00	6.00
280	-0.4700	GY	0.00	6.00
282	-0.4700	GY	0.00	6.00
302	-0.4700	GY	0.00	6.00
304	-0.4700	GY	0.00	6.00
325	-0.4700	GY	0.00	6.00
328	-0.4700	GY	0.00	6.00
202	-0.9400	GY	0.00	6.00
203	-0.9400	GY	0.00	6.00
210	-0.9400	GY	0.00	6.00
211	-0.9400	GY	0.00	6.00
216	-0.9400	GY	0.00	6.00
217	-0.9400	GY	0.00	6.00
222	-0.9400	GY	0.00	6.00
223	-0.9400	GY	0.00	6.00
245	-0.9400	GY	0.00	6.00
246	-0.9400	GY	0.00	6.00

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258	-0.9400	GY	0.00	6.00
264	-0.9400	GY	0.00	6.00
265	-0.9400	GY	0.00	6.00
268	-0.9400	GY	0.00	6.00
269	-0.9400	GY	0.00	6.00
281	-0.9400	GY	0.00	6.00
287	-0.9400	GY	0.00	6.00
288	-0.9400	GY	0.00	6.00
291	-0.9400	GY	0.00	6.00
292	-0.9400	GY	0.00	6.00
303	-0.9400	GY	0.00	6.00
309	-0.9400	GY	0.00	6.00
310	-0.9400	GY	0.00	6.00
313	-0.9400	GY	0.00	6.00
314	-0.9400	GY	0.00	6.00
326	-0.9400	GY	0.00	6.00
327	-0.9400	GY	0.00	6.00
332	-0.9400	GY	0.00	6.00
333	-0.9400	GY	0.00	6.00
336	-0.9400	GY	0.00	6.00
337	-0.9400	GY	0.00	6.00
340	-0.9400	GY	0.00	6.00
341	-0.9400	GY	0.00	6.00
204	-0.5300	GY	0.00	6.00
205	-0.5300	GY	0.00	6.00
239	-0.5300	GY	0.00	6.00
240	-0.5300	GY	0.00	6.00
260	-0.5300	GY	0.00	6.00
261	-0.5300	GY	0.00	6.00
283	-0.5300	GY	0.00	6.00
284	-0.5300	GY	0.00	6.00
305	-0.5300	GY	0.00	6.00
306	-0.5300	GY	0.00	6.00
328	-0.5300	GY	0.00	6.00
329	-0.5300	GY	0.00	6.00
226	-1.0600	GY	0.00	6.00
248	-1.0600	GY	0.00	6.00
271	-1.0600	GY	0.00	6.00
294	-1.0600	GY	0.00	6.00
316	-1.0600	GY	0.00	6.00
343	-1.0600	GY	0.00	6.00

LOADING 3 LOADTYPE LIVE TITLE CV MAX

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
19	-0.2500	GY	0.00	6.00				
22	-0.2500	GY	0.00	6.00				
54	-0.2500	GY	0.00	6.00				
56	-0.2500	GY	0.00	0.25				
69	-0.2500	GY	0.00	0.25				

STAAD SPACE

-- PAGE NO. 14

70	-0.2500	GY	0.00	0.25
82	-0.2500	GY	0.00	6.00
84	-0.2500	GY	0.00	0.25
97	-0.2500	GY	0.00	0.25
98	-0.2500	GY	0.00	0.25
110	-0.2500	GY	0.00	6.00
113	-0.2500	GY	0.00	6.00
138	-0.2500	GY	0.00	6.00
141	-0.2500	GY	0.00	6.00
166	-0.2500	GY	0.00	6.00
169	-0.2500	GY	0.00	6.00
485	-0.2500	GY	0.00	1.75
487	-0.2500	GY	0.00	1.75
489	-0.2500	GY	0.00	1.75
491	-0.2500	GY	0.00	1.75
492	-0.2500	GY	0.00	2.00
493	-0.2500	GY	0.00	2.00
494	-0.2500	GY	0.00	2.00
495	-0.2500	GY	0.00	2.00
496	-0.2500	GY	0.00	2.00
497	-0.2500	GY	0.00	1.75
500	-0.2500	GY	0.00	2.00
501	-0.2500	GY	0.00	1.75
512	-0.2500	GY	0.00	1.75
513	-0.2500	GY	0.00	1.75
514	-0.2500	GY	0.00	2.00
515	-0.2500	GY	0.00	0.25
516	-0.2500	GY	0.00	0.25
517	-0.2500	GY	0.00	2.00
518	-0.2500	GY	0.00	1.75
520	-0.2500	GY	0.00	0.25
522	-0.2500	GY	0.00	2.00
523	-0.2500	GY	0.00	2.00
524	-0.2500	GY	0.00	1.75
525	-0.2500	GY	0.00	1.75
526	-0.2500	GY	0.00	0.25
527	-0.2500	GY	0.00	0.25
528	-0.2500	GY	0.00	1.75
530	-0.2500	GY	0.00	0.25
532	-0.2500	GY	0.00	2.00
533	-0.2500	GY	0.00	2.00
534	-0.2500	GY	0.00	2.00
535	-0.2500	GY	0.00	2.00
20	-0.5000	GY	0.00	6.00
21	-0.5000	GY	0.00	6.00
28	-0.5000	GY	0.00	6.00
29	-0.5000	GY	0.00	6.00
34	-0.5000	GY	0.00	6.00
35	-0.5000	GY	0.00	6.00
40	-0.5000	GY	0.00	6.00
41	-0.5000	GY	0.00	6.00
55	-0.5000	GY	0.00	6.00
61	-0.5000	GY	0.00	6.00
62	-0.5000	GY	0.00	6.00
65	-0.5000	GY	0.00	6.00
66	-0.5000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 15

83	-0.5000	GY	0.00	6.00
89	-0.5000	GY	0.00	6.00
90	-0.5000	GY	0.00	6.00
93	-0.5000	GY	0.00	6.00
94	-0.5000	GY	0.00	6.00
111	-0.5000	GY	0.00	6.00
112	-0.5000	GY	0.00	6.00
117	-0.5000	GY	0.00	6.00
118	-0.5000	GY	0.00	6.00
121	-0.5000	GY	0.00	6.00
122	-0.5000	GY	0.00	6.00
125	-0.5000	GY	0.00	6.00
126	-0.5000	GY	0.00	6.00
139	-0.5000	GY	0.00	6.00
140	-0.5000	GY	0.00	6.00
145	-0.5000	GY	0.00	6.00
146	-0.5000	GY	0.00	6.00
149	-0.5000	GY	0.00	6.00
150	-0.5000	GY	0.00	6.00
153	-0.5000	GY	0.00	6.00
154	-0.5000	GY	0.00	6.00
167	-0.5000	GY	0.00	6.00
168	-0.5000	GY	0.00	6.00
173	-0.5000	GY	0.00	6.00
174	-0.5000	GY	0.00	6.00
177	-0.5000	GY	0.00	6.00
178	-0.5000	GY	0.00	6.00
181	-0.5000	GY	0.00	6.00
182	-0.5000	GY	0.00	6.00
504	-0.5000	GY	0.00	2.00
505	-0.5000	GY	0.00	2.00
506	-0.5000	GY	0.00	2.00
507	-0.5000	GY	0.00	2.00
508	-0.5000	GY	0.00	2.00
509	-0.5000	GY	0.00	2.00
510	-0.5000	GY	0.00	2.00
511	-0.5000	GY	0.00	2.00
22	-0.2800	GY	0.00	6.00
23	-0.2800	GY	0.00	6.00
57	-0.2800	GY	0.00	0.25
58	-0.2800	GY	0.00	6.00
141	-0.2800	GY	0.00	6.00
142	-0.2800	GY	0.00	6.00
169	-0.2800	GY	0.00	6.00
170	-0.2800	GY	0.00	6.00
498	-0.2800	GY	0.00	2.00
499	-0.2800	GY	0.00	1.75
519	-0.2800	GY	0.00	1.75
521	-0.2800	GY	0.00	0.25
44	-0.5600	GY	0.00	6.00
72	-0.5600	GY	0.00	6.00
156	-0.5600	GY	0.00	6.00
184	-0.5600	GY	0.00	6.00
85	-0.1900	GY	0.00	0.25
113	-0.1900	GY	0.00	6.00
114	-0.1900	GY	0.00	3.00

STAAD SPACE

-- PAGE NO. 16

468	-0.1900	GY	0.00	1.40
471	-0.1900	GY	0.00	4.60
479	-0.1900	GY	0.00	3.00
502	-0.1900	GY	0.00	2.00
503	-0.1900	GY	0.00	1.75
529	-0.1900	GY	0.00	1.75
531	-0.1900	GY	0.00	0.25
472	-0.3800	GY	0.00	1.40
475	-0.3800	GY	0.00	1.40
477	-0.3800	GY	0.00	3.00
483	-0.3800	GY	0.00	3.00
201	-0.1000	GY	0.00	6.00
204	-0.1000	GY	0.00	6.00
237	-0.1000	GY	0.00	6.00
238	-0.1000	GY	0.00	6.00
257	-0.1000	GY	0.00	6.00
259	-0.1000	GY	0.00	6.00
280	-0.1000	GY	0.00	6.00
282	-0.1000	GY	0.00	6.00
302	-0.1000	GY	0.00	6.00
304	-0.1000	GY	0.00	6.00
325	-0.1000	GY	0.00	6.00
328	-0.1000	GY	0.00	6.00
202	-0.2000	GY	0.00	6.00
203	-0.2000	GY	0.00	6.00
210	-0.2000	GY	0.00	6.00
211	-0.2000	GY	0.00	6.00
216	-0.2000	GY	0.00	6.00
217	-0.2000	GY	0.00	6.00
222	-0.2000	GY	0.00	6.00
223	-0.2000	GY	0.00	6.00
245	-0.2000	GY	0.00	6.00
246	-0.2000	GY	0.00	6.00
258	-0.2000	GY	0.00	6.00
264	-0.2000	GY	0.00	6.00
265	-0.2000	GY	0.00	6.00
268	-0.2000	GY	0.00	6.00
269	-0.2000	GY	0.00	6.00
281	-0.2000	GY	0.00	6.00
287	-0.2000	GY	0.00	6.00
288	-0.2000	GY	0.00	6.00
291	-0.2000	GY	0.00	6.00
292	-0.2000	GY	0.00	6.00
303	-0.2000	GY	0.00	6.00
309	-0.2000	GY	0.00	6.00
310	-0.2000	GY	0.00	6.00
313	-0.2000	GY	0.00	6.00
314	-0.2000	GY	0.00	6.00
326	-0.2000	GY	0.00	6.00
327	-0.2000	GY	0.00	6.00
332	-0.2000	GY	0.00	6.00
333	-0.2000	GY	0.00	6.00
336	-0.2000	GY	0.00	6.00
337	-0.2000	GY	0.00	6.00
340	-0.2000	GY	0.00	6.00
341	-0.2000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 17

204	-0.1100	GY	0.00	6.00
205	-0.1100	GY	0.00	6.00
239	-0.1100	GY	0.00	6.00
240	-0.1100	GY	0.00	6.00
260	-0.1100	GY	0.00	6.00
261	-0.1100	GY	0.00	6.00
283	-0.1100	GY	0.00	6.00
284	-0.1100	GY	0.00	6.00
305	-0.1100	GY	0.00	6.00
306	-0.1100	GY	0.00	6.00
328	-0.1100	GY	0.00	6.00
329	-0.1100	GY	0.00	6.00
226	-0.2200	GY	0.00	6.00
248	-0.2200	GY	0.00	6.00
271	-0.2200	GY	0.00	6.00
294	-0.2200	GY	0.00	6.00
316	-0.2200	GY	0.00	6.00
343	-0.2200	GY	0.00	6.00

LOADING 4 LOADTYPE LIVE TITLE CV INST

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
19	-0.1800	GY	0.00	6.00			
22	-0.1800	GY	0.00	6.00			
54	-0.1800	GY	0.00	6.00			
56	-0.1800	GY	0.00	0.25			
69	-0.1800	GY	0.00	0.25			
70	-0.1800	GY	0.00	0.25			
82	-0.1800	GY	0.00	6.00			
84	-0.1800	GY	0.00	0.25			
97	-0.1800	GY	0.00	0.25			
98	-0.1800	GY	0.00	0.25			
110	-0.1800	GY	0.00	6.00			
113	-0.1800	GY	0.00	6.00			
138	-0.1800	GY	0.00	6.00			
141	-0.1800	GY	0.00	6.00			
166	-0.1800	GY	0.00	6.00			
169	-0.1800	GY	0.00	6.00			
485	-0.1800	GY	0.00	1.75			
487	-0.1800	GY	0.00	1.75			
489	-0.1800	GY	0.00	1.75			
491	-0.1800	GY	0.00	1.75			
492	-0.1800	GY	0.00	2.00			
493	-0.1800	GY	0.00	2.00			
494	-0.1800	GY	0.00	2.00			
495	-0.1800	GY	0.00	2.00			
496	-0.1800	GY	0.00	2.00			
497	-0.1800	GY	0.00	1.75			
500	-0.1800	GY	0.00	2.00			
501	-0.1800	GY	0.00	1.75			

STAAD SPACE

-- PAGE NO. 18

512	-0.1800	GY	0.00	1.75
513	-0.1800	GY	0.00	1.75
514	-0.1800	GY	0.00	2.00
515	-0.1800	GY	0.00	0.25
516	-0.1800	GY	0.00	0.25
517	-0.1800	GY	0.00	2.00
518	-0.1800	GY	0.00	1.75
520	-0.1800	GY	0.00	0.25
522	-0.1800	GY	0.00	2.00
523	-0.1800	GY	0.00	2.00
524	-0.1800	GY	0.00	1.75
525	-0.1800	GY	0.00	1.75
526	-0.1800	GY	0.00	0.25
527	-0.1800	GY	0.00	0.25
528	-0.1800	GY	0.00	1.75
530	-0.1800	GY	0.00	0.25
532	-0.1800	GY	0.00	2.00
533	-0.1800	GY	0.00	2.00
534	-0.1800	GY	0.00	2.00
535	-0.1800	GY	0.00	2.00
20	-0.3600	GY	0.00	6.00
21	-0.3600	GY	0.00	6.00
28	-0.3600	GY	0.00	6.00
29	-0.3600	GY	0.00	6.00
34	-0.3600	GY	0.00	6.00
35	-0.3600	GY	0.00	6.00
40	-0.3600	GY	0.00	6.00
41	-0.3600	GY	0.00	6.00
55	-0.3600	GY	0.00	6.00
61	-0.3600	GY	0.00	6.00
62	-0.3600	GY	0.00	6.00
65	-0.3600	GY	0.00	6.00
66	-0.3600	GY	0.00	6.00
83	-0.3600	GY	0.00	6.00
89	-0.3600	GY	0.00	6.00
90	-0.3600	GY	0.00	6.00
93	-0.3600	GY	0.00	6.00
94	-0.3600	GY	0.00	6.00
111	-0.3600	GY	0.00	6.00
112	-0.3600	GY	0.00	6.00
117	-0.3600	GY	0.00	6.00
118	-0.3600	GY	0.00	6.00
121	-0.3600	GY	0.00	6.00
122	-0.3600	GY	0.00	6.00
125	-0.3600	GY	0.00	6.00
126	-0.3600	GY	0.00	6.00
139	-0.3600	GY	0.00	6.00
140	-0.3600	GY	0.00	6.00
145	-0.3600	GY	0.00	6.00
146	-0.3600	GY	0.00	6.00
149	-0.3600	GY	0.00	6.00
150	-0.3600	GY	0.00	6.00
153	-0.3600	GY	0.00	6.00
154	-0.3600	GY	0.00	6.00
167	-0.3600	GY	0.00	6.00
168	-0.3600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 19

173	-0.3600	GY	0.00	6.00
174	-0.3600	GY	0.00	6.00
177	-0.3600	GY	0.00	6.00
178	-0.3600	GY	0.00	6.00
181	-0.3600	GY	0.00	6.00
182	-0.3600	GY	0.00	6.00
504	-0.3600	GY	0.00	2.00
505	-0.3600	GY	0.00	2.00
506	-0.3600	GY	0.00	2.00
507	-0.3600	GY	0.00	2.00
508	-0.3600	GY	0.00	2.00
509	-0.3600	GY	0.00	2.00
510	-0.3600	GY	0.00	2.00
511	-0.3600	GY	0.00	2.00
22	-0.2000	GY	0.00	6.00
23	-0.2000	GY	0.00	6.00
57	-0.2000	GY	0.00	0.25
58	-0.2000	GY	0.00	6.00
141	-0.2000	GY	0.00	6.00
142	-0.2000	GY	0.00	6.00
169	-0.2000	GY	0.00	6.00
170	-0.2000	GY	0.00	6.00
498	-0.2000	GY	0.00	2.00
499	-0.2000	GY	0.00	1.75
519	-0.2000	GY	0.00	1.75
521	-0.2000	GY	0.00	0.25
44	-0.4000	GY	0.00	6.00
72	-0.4000	GY	0.00	6.00
156	-0.4000	GY	0.00	6.00
184	-0.4000	GY	0.00	6.00
85	-0.1400	GY	0.00	0.25
113	-0.1400	GY	0.00	6.00
114	-0.1400	GY	0.00	3.00
468	-0.1400	GY	0.00	1.40
471	-0.1400	GY	0.00	4.60
479	-0.1400	GY	0.00	3.00
502	-0.1400	GY	0.00	2.00
503	-0.1400	GY	0.00	1.75
529	-0.1400	GY	0.00	1.75
531	-0.1400	GY	0.00	0.25
472	-0.2700	GY	0.00	1.40
475	-0.2700	GY	0.00	1.40
477	-0.2700	GY	0.00	3.00
483	-0.2700	GY	0.00	3.00
201	-0.0700	GY	0.00	6.00
204	-0.0700	GY	0.00	6.00
237	-0.0700	GY	0.00	6.00
238	-0.0700	GY	0.00	6.00
257	-0.0700	GY	0.00	6.00
259	-0.0700	GY	0.00	6.00
280	-0.0700	GY	0.00	6.00
282	-0.0700	GY	0.00	6.00
302	-0.0700	GY	0.00	6.00
304	-0.0700	GY	0.00	6.00
325	-0.0700	GY	0.00	6.00
328	-0.0700	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 20

202	-0.1400	GY	0.00	6.00
203	-0.1400	GY	0.00	6.00
210	-0.1400	GY	0.00	6.00
211	-0.1400	GY	0.00	6.00
216	-0.1400	GY	0.00	6.00
217	-0.1400	GY	0.00	6.00
222	-0.1400	GY	0.00	6.00
223	-0.1400	GY	0.00	6.00
245	-0.1400	GY	0.00	6.00
246	-0.1400	GY	0.00	6.00
258	-0.1400	GY	0.00	6.00
264	-0.1400	GY	0.00	6.00
265	-0.1400	GY	0.00	6.00
268	-0.1400	GY	0.00	6.00
269	-0.1400	GY	0.00	6.00
281	-0.1400	GY	0.00	6.00
287	-0.1400	GY	0.00	6.00
288	-0.1400	GY	0.00	6.00
291	-0.1400	GY	0.00	6.00
292	-0.1400	GY	0.00	6.00
303	-0.1400	GY	0.00	6.00
309	-0.1400	GY	0.00	6.00
310	-0.1400	GY	0.00	6.00
313	-0.1400	GY	0.00	6.00
314	-0.1400	GY	0.00	6.00
326	-0.1400	GY	0.00	6.00
327	-0.1400	GY	0.00	6.00
332	-0.1400	GY	0.00	6.00
333	-0.1400	GY	0.00	6.00
336	-0.1400	GY	0.00	6.00
337	-0.1400	GY	0.00	6.00
340	-0.1400	GY	0.00	6.00
341	-0.1400	GY	0.00	6.00
204	-0.0800	GY	0.00	6.00
205	-0.0800	GY	0.00	6.00
239	-0.0800	GY	0.00	6.00
240	-0.0800	GY	0.00	6.00
260	-0.0800	GY	0.00	6.00
261	-0.0800	GY	0.00	6.00
283	-0.0800	GY	0.00	6.00
284	-0.0800	GY	0.00	6.00
305	-0.0800	GY	0.00	6.00
306	-0.0800	GY	0.00	6.00
328	-0.0800	GY	0.00	6.00
329	-0.0800	GY	0.00	6.00
226	-0.1600	GY	0.00	6.00
248	-0.1600	GY	0.00	6.00
271	-0.1600	GY	0.00	6.00
294	-0.1600	GY	0.00	6.00
316	-0.1600	GY	0.00	6.00
343	-0.1600	GY	0.00	6.00

LOADING 5 LOADTYPE LIVE TITLE CV MEDIA

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
19	-0.1000 GY	0.00	6.00				
22	-0.1000 GY	0.00	6.00				
54	-0.1000 GY	0.00	6.00				
56	-0.1000 GY	0.00	0.25				
69	-0.1000 GY	0.00	0.25				
70	-0.1000 GY	0.00	0.25				
82	-0.1000 GY	0.00	6.00				
84	-0.1000 GY	0.00	0.25				
97	-0.1000 GY	0.00	0.25				
98	-0.1000 GY	0.00	0.25				
110	-0.1000 GY	0.00	6.00				
113	-0.1000 GY	0.00	6.00				
138	-0.1000 GY	0.00	6.00				
141	-0.1000 GY	0.00	6.00				
166	-0.1000 GY	0.00	6.00				
169	-0.1000 GY	0.00	6.00				
485	-0.1000 GY	0.00	1.75				
487	-0.1000 GY	0.00	1.75				
489	-0.1000 GY	0.00	1.75				
491	-0.1000 GY	0.00	1.75				
492	-0.1000 GY	0.00	2.00				
493	-0.1000 GY	0.00	2.00				
494	-0.1000 GY	0.00	2.00				
495	-0.1000 GY	0.00	2.00				
496	-0.1000 GY	0.00	2.00				
497	-0.1000 GY	0.00	1.75				
500	-0.1000 GY	0.00	2.00				
501	-0.1000 GY	0.00	1.75				
512	-0.1000 GY	0.00	1.75				
513	-0.1000 GY	0.00	1.75				
514	-0.1000 GY	0.00	2.00				
515	-0.1000 GY	0.00	0.25				
516	-0.1000 GY	0.00	0.25				
517	-0.1000 GY	0.00	2.00				
518	-0.1000 GY	0.00	1.75				
520	-0.1000 GY	0.00	0.25				
522	-0.1000 GY	0.00	2.00				
523	-0.1000 GY	0.00	2.00				
524	-0.1000 GY	0.00	1.75				
525	-0.1000 GY	0.00	1.75				
526	-0.1000 GY	0.00	0.25				
527	-0.1000 GY	0.00	0.25				
528	-0.1000 GY	0.00	1.75				
530	-0.1000 GY	0.00	0.25				
532	-0.1000 GY	0.00	2.00				
533	-0.1000 GY	0.00	2.00				
534	-0.1000 GY	0.00	2.00				
535	-0.1000 GY	0.00	2.00				
20	-0.2000 GY	0.00	6.00				
21	-0.2000 GY	0.00	6.00				

STAAD SPACE

-- PAGE NO. 22

28	-0.2000	GY	0.00	6.00
29	-0.2000	GY	0.00	6.00
34	-0.2000	GY	0.00	6.00
35	-0.2000	GY	0.00	6.00
40	-0.2000	GY	0.00	6.00
41	-0.2000	GY	0.00	6.00
55	-0.2000	GY	0.00	6.00
61	-0.2000	GY	0.00	6.00
62	-0.2000	GY	0.00	6.00
65	-0.2000	GY	0.00	6.00
66	-0.2000	GY	0.00	6.00
83	-0.2000	GY	0.00	6.00
89	-0.2000	GY	0.00	6.00
90	-0.2000	GY	0.00	6.00
93	-0.2000	GY	0.00	6.00
94	-0.2000	GY	0.00	6.00
111	-0.2000	GY	0.00	6.00
112	-0.2000	GY	0.00	6.00
117	-0.2000	GY	0.00	6.00
118	-0.2000	GY	0.00	6.00
121	-0.2000	GY	0.00	6.00
122	-0.2000	GY	0.00	6.00
125	-0.2000	GY	0.00	6.00
126	-0.2000	GY	0.00	6.00
139	-0.2000	GY	0.00	6.00
140	-0.2000	GY	0.00	6.00
145	-0.2000	GY	0.00	6.00
146	-0.2000	GY	0.00	6.00
149	-0.2000	GY	0.00	6.00
150	-0.2000	GY	0.00	6.00
153	-0.2000	GY	0.00	6.00
154	-0.2000	GY	0.00	6.00
167	-0.2000	GY	0.00	6.00
168	-0.2000	GY	0.00	6.00
173	-0.2000	GY	0.00	6.00
174	-0.2000	GY	0.00	6.00
177	-0.2000	GY	0.00	6.00
178	-0.2000	GY	0.00	6.00
181	-0.2000	GY	0.00	6.00
182	-0.2000	GY	0.00	6.00
504	-0.2000	GY	0.00	2.00
505	-0.2000	GY	0.00	2.00
506	-0.2000	GY	0.00	2.00
507	-0.2000	GY	0.00	2.00
508	-0.2000	GY	0.00	2.00
509	-0.2000	GY	0.00	2.00
510	-0.2000	GY	0.00	2.00
511	-0.2000	GY	0.00	2.00
22	-0.1000	GY	0.00	6.00
23	-0.1000	GY	0.00	6.00
57	-0.1000	GY	0.00	0.25
58	-0.1000	GY	0.00	6.00
141	-0.1000	GY	0.00	6.00
142	-0.1000	GY	0.00	6.00
169	-0.1000	GY	0.00	6.00
170	-0.1000	GY	0.00	6.00

STAAD SPACE

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498	-0.1000	GY	0.00	2.00
499	-0.1000	GY	0.00	1.75
519	-0.1000	GY	0.00	1.75
521	-0.1000	GY	0.00	0.25
44	-0.2300	GY	0.00	6.00
72	-0.2300	GY	0.00	6.00
156	-0.2300	GY	0.00	6.00
184	-0.2300	GY	0.00	6.00
85	-0.0750	GY	0.00	0.25
113	-0.0750	GY	0.00	6.00
114	-0.0750	GY	0.00	3.00
468	-0.0750	GY	0.00	1.40
471	-0.0750	GY	0.00	4.60
479	-0.0750	GY	0.00	3.00
502	-0.0750	GY	0.00	2.00
503	-0.0750	GY	0.00	1.75
529	-0.0750	GY	0.00	1.75
531	-0.0750	GY	0.00	0.25
472	-0.1500	GY	0.00	1.40
475	-0.1500	GY	0.00	1.40
477	-0.1500	GY	0.00	3.00
483	-0.1500	GY	0.00	3.00
201	-0.0150	GY	0.00	6.00
204	-0.0150	GY	0.00	6.00
237	-0.0150	GY	0.00	6.00
238	-0.0150	GY	0.00	6.00
257	-0.0150	GY	0.00	6.00
259	-0.0150	GY	0.00	6.00
280	-0.0150	GY	0.00	6.00
282	-0.0150	GY	0.00	6.00
302	-0.0150	GY	0.00	6.00
304	-0.0150	GY	0.00	6.00
325	-0.0150	GY	0.00	6.00
328	-0.0150	GY	0.00	6.00
202	-0.0300	GY	0.00	6.00
203	-0.0300	GY	0.00	6.00
210	-0.0300	GY	0.00	6.00
211	-0.0300	GY	0.00	6.00
216	-0.0300	GY	0.00	6.00
217	-0.0300	GY	0.00	6.00
222	-0.0300	GY	0.00	6.00
223	-0.0300	GY	0.00	6.00
245	-0.0300	GY	0.00	6.00
246	-0.0300	GY	0.00	6.00
258	-0.0300	GY	0.00	6.00
264	-0.0300	GY	0.00	6.00
265	-0.0300	GY	0.00	6.00
268	-0.0300	GY	0.00	6.00
269	-0.0300	GY	0.00	6.00
281	-0.0300	GY	0.00	6.00
287	-0.0300	GY	0.00	6.00
288	-0.0300	GY	0.00	6.00
291	-0.0300	GY	0.00	6.00
292	-0.0300	GY	0.00	6.00
303	-0.0300	GY	0.00	6.00
309	-0.0300	GY	0.00	6.00

STAAD SPACE

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310	-0.0300	GY	0.00	6.00
313	-0.0300	GY	0.00	6.00
314	-0.0300	GY	0.00	6.00
326	-0.0300	GY	0.00	6.00
327	-0.0300	GY	0.00	6.00
332	-0.0300	GY	0.00	6.00
333	-0.0300	GY	0.00	6.00
336	-0.0300	GY	0.00	6.00
337	-0.0300	GY	0.00	6.00
340	-0.0300	GY	0.00	6.00
341	-0.0300	GY	0.00	6.00
204	-0.0170	GY	0.00	6.00
205	-0.0170	GY	0.00	6.00
239	-0.0170	GY	0.00	6.00
240	-0.0170	GY	0.00	6.00
260	-0.0170	GY	0.00	6.00
261	-0.0170	GY	0.00	6.00
283	-0.0170	GY	0.00	6.00
284	-0.0170	GY	0.00	6.00
305	-0.0170	GY	0.00	6.00
306	-0.0170	GY	0.00	6.00
328	-0.0170	GY	0.00	6.00
329	-0.0170	GY	0.00	6.00
226	-0.0340	GY	0.00	6.00
248	-0.0340	GY	0.00	6.00
271	-0.0340	GY	0.00	6.00
294	-0.0340	GY	0.00	6.00
316	-0.0340	GY	0.00	6.00
343	-0.0340	GY	0.00	6.00

LOADING 6 LOADTYPE DEAD TITLE EQUIPOS

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
303				-1.0000 GY	3.00		
310				-0.5000 GY	3.00		
313				-0.5000 GY	3.00		

LOADING 7 LOADTYPE DEAD TITLE ARRIATES

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
492	-1.8000	GY	0.00	2.00			
493	-1.8000	GY	0.00	2.00			
494	-1.8000	GY	0.00	2.00			
495	-1.8000	GY	0.00	2.00			

STAAD SPACE

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492 -0.7500 GY 1.00
 493 -0.7500 GY 1.00
 494 -0.7500 GY 1.00
 495 -0.7500 GY 1.00

LOADING 8 LOADTYPE SEISMIC TITLE SISMO EN X

SELFWEIGHT X 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 100.039 MTON

SELFWEIGHT Y 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 100.039 MTON

SELFWEIGHT Z 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 100.039 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
19	0.4400 GX	0.00	6.00				
22	0.4400 GX	0.00	6.00				
54	0.4400 GX	0.00	6.00				
56	0.4400 GX	0.00	0.25				
69	0.4400 GX	0.00	0.25				
70	0.4400 GX	0.00	0.25				
82	0.4400 GX	0.00	6.00				
84	0.4400 GX	0.00	0.25				
97	0.4400 GX	0.00	0.25				
98	0.4400 GX	0.00	0.25				
110	0.4400 GX	0.00	6.00				
113	0.4400 GX	0.00	6.00				
138	0.4400 GX	0.00	6.00				
141	0.4400 GX	0.00	6.00				
166	0.4400 GX	0.00	6.00				
169	0.4400 GX	0.00	6.00				
485	0.4400 GX	0.00	1.75				
487	0.4400 GX	0.00	1.75				
489	0.4400 GX	0.00	1.75				
491	0.4400 GX	0.00	1.75				
492	0.4400 GX	0.00	2.00				
493	0.4400 GX	0.00	2.00				
494	0.4400 GX	0.00	2.00				
495	0.4400 GX	0.00	2.00				
496	0.4400 GX	0.00	2.00				
497	0.4400 GX	0.00	1.75				
500	0.4400 GX	0.00	2.00				
501	0.4400 GX	0.00	1.75				
512	0.4400 GX	0.00	1.75				
513	0.4400 GX	0.00	1.75				

STAAD SPACE

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514	0.4400	GX	0.00	2.00
515	0.4400	GX	0.00	0.25
516	0.4400	GX	0.00	0.25
517	0.4400	GX	0.00	2.00
518	0.4400	GX	0.00	1.75
520	0.4400	GX	0.00	0.25
522	0.4400	GX	0.00	2.00
523	0.4400	GX	0.00	2.00
524	0.4400	GX	0.00	1.75
525	0.4400	GX	0.00	1.75
526	0.4400	GX	0.00	0.25
527	0.4400	GX	0.00	0.25
528	0.4400	GX	0.00	1.75
530	0.4400	GX	0.00	0.25
532	0.4400	GX	0.00	2.00
533	0.4400	GX	0.00	2.00
534	0.4400	GX	0.00	2.00
535	0.4400	GX	0.00	2.00
20	0.8800	GX	0.00	6.00
21	0.8800	GX	0.00	6.00
28	0.8800	GX	0.00	6.00
29	0.8800	GX	0.00	6.00
34	0.8800	GX	0.00	6.00
35	0.8800	GX	0.00	6.00
40	0.8800	GX	0.00	6.00
41	0.8800	GX	0.00	6.00
55	0.8800	GX	0.00	6.00
61	0.8800	GX	0.00	6.00
62	0.8800	GX	0.00	6.00
65	0.8800	GX	0.00	6.00
66	0.8800	GX	0.00	6.00
83	0.8800	GX	0.00	6.00
89	0.8800	GX	0.00	6.00
90	0.8800	GX	0.00	6.00
93	0.8800	GX	0.00	6.00
94	0.8800	GX	0.00	6.00
111	0.8800	GX	0.00	6.00
112	0.8800	GX	0.00	6.00
117	0.8800	GX	0.00	6.00
118	0.8800	GX	0.00	6.00
121	0.8800	GX	0.00	6.00
122	0.8800	GX	0.00	6.00
125	0.8800	GX	0.00	6.00
126	0.8800	GX	0.00	6.00
139	0.8800	GX	0.00	6.00
140	0.8800	GX	0.00	6.00
145	0.8800	GX	0.00	6.00
146	0.8800	GX	0.00	6.00
149	0.8800	GX	0.00	6.00
150	0.8800	GX	0.00	6.00
153	0.8800	GX	0.00	6.00
154	0.8800	GX	0.00	6.00
167	0.8800	GX	0.00	6.00
168	0.8800	GX	0.00	6.00
173	0.8800	GX	0.00	6.00
174	0.8800	GX	0.00	6.00

STAAD SPACE

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177	0.8800	GX	0.00	6.00
178	0.8800	GX	0.00	6.00
181	0.8800	GX	0.00	6.00
182	0.8800	GX	0.00	6.00
504	0.8800	GX	0.00	2.00
505	0.8800	GX	0.00	2.00
506	0.8800	GX	0.00	2.00
507	0.8800	GX	0.00	2.00
508	0.8800	GX	0.00	2.00
509	0.8800	GX	0.00	2.00
510	0.8800	GX	0.00	2.00
511	0.8800	GX	0.00	2.00
22	0.4900	GX	0.00	6.00
23	0.4900	GX	0.00	6.00
57	0.4900	GX	0.00	0.25
58	0.4900	GX	0.00	6.00
141	0.4900	GX	0.00	6.00
142	0.4900	GX	0.00	6.00
169	0.4900	GX	0.00	6.00
170	0.4900	GX	0.00	6.00
498	0.4900	GX	0.00	2.00
499	0.4900	GX	0.00	1.75
519	0.4900	GX	0.00	1.75
521	0.4900	GX	0.00	0.25
44	0.9900	GX	0.00	6.00
72	0.9900	GX	0.00	6.00
156	0.9900	GX	0.00	6.00
184	0.9900	GX	0.00	6.00
85	0.3300	GX	0.00	0.25
113	0.3300	GX	0.00	6.00
114	0.3300	GX	0.00	3.00
468	0.3300	GX	0.00	1.40
471	0.3300	GX	0.00	4.60
479	0.3300	GX	0.00	3.00
502	0.3300	GX	0.00	2.00
503	0.3300	GX	0.00	1.75
529	0.3300	GX	0.00	1.75
531	0.3300	GX	0.00	0.25
472	0.6600	GX	0.00	1.40
475	0.6600	GX	0.00	1.40
477	0.6600	GX	0.00	3.00
483	0.6600	GX	0.00	3.00
201	0.4700	GX	0.00	6.00
204	0.4700	GX	0.00	6.00
237	0.4700	GX	0.00	6.00
238	0.4700	GX	0.00	6.00
257	0.4700	GX	0.00	6.00
259	0.4700	GX	0.00	6.00
280	0.4700	GX	0.00	6.00
282	0.4700	GX	0.00	6.00
302	0.4700	GX	0.00	6.00
304	0.4700	GX	0.00	6.00
325	0.4700	GX	0.00	6.00
328	0.4700	GX	0.00	6.00
202	0.9400	GX	0.00	6.00
203	0.9400	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 28

210	0.9400	GX	0.00	6.00
211	0.9400	GX	0.00	6.00
216	0.9400	GX	0.00	6.00
217	0.9400	GX	0.00	6.00
222	0.9400	GX	0.00	6.00
223	0.9400	GX	0.00	6.00
245	0.9400	GX	0.00	6.00
246	0.9400	GX	0.00	6.00
258	0.9400	GX	0.00	6.00
264	0.9400	GX	0.00	6.00
265	0.9400	GX	0.00	6.00
268	0.9400	GX	0.00	6.00
269	0.9400	GX	0.00	6.00
281	0.9400	GX	0.00	6.00
287	0.9400	GX	0.00	6.00
288	0.9400	GX	0.00	6.00
291	0.9400	GX	0.00	6.00
292	0.9400	GX	0.00	6.00
303	0.9400	GX	0.00	6.00
309	0.9400	GX	0.00	6.00
310	0.9400	GX	0.00	6.00
313	0.9400	GX	0.00	6.00
314	0.9400	GX	0.00	6.00
326	0.9400	GX	0.00	6.00
327	0.9400	GX	0.00	6.00
332	0.9400	GX	0.00	6.00
333	0.9400	GX	0.00	6.00
336	0.9400	GX	0.00	6.00
337	0.9400	GX	0.00	6.00
340	0.9400	GX	0.00	6.00
341	0.9400	GX	0.00	6.00
204	0.5300	GX	0.00	6.00
205	0.5300	GX	0.00	6.00
239	0.5300	GX	0.00	6.00
240	0.5300	GX	0.00	6.00
260	0.5300	GX	0.00	6.00
261	0.5300	GX	0.00	6.00
283	0.5300	GX	0.00	6.00
284	0.5300	GX	0.00	6.00
305	0.5300	GX	0.00	6.00
306	0.5300	GX	0.00	6.00
328	0.5300	GX	0.00	6.00
329	0.5300	GX	0.00	6.00
226	1.0600	GX	0.00	6.00
248	1.0600	GX	0.00	6.00
271	1.0600	GX	0.00	6.00
294	1.0600	GX	0.00	6.00
316	1.0600	GX	0.00	6.00
343	1.0600	GX	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
19	0.4400	GY	0.00	6.00			

STAAD SPACE

-- PAGE NO. 29

22	0.4400	GY	0.00	6.00
54	0.4400	GY	0.00	6.00
56	0.4400	GY	0.00	0.25
69	0.4400	GY	0.00	0.25
70	0.4400	GY	0.00	0.25
82	0.4400	GY	0.00	6.00
84	0.4400	GY	0.00	0.25
97	0.4400	GY	0.00	0.25
98	0.4400	GY	0.00	0.25
110	0.4400	GY	0.00	6.00
113	0.4400	GY	0.00	6.00
138	0.4400	GY	0.00	6.00
141	0.4400	GY	0.00	6.00
166	0.4400	GY	0.00	6.00
169	0.4400	GY	0.00	6.00
485	0.4400	GY	0.00	1.75
487	0.4400	GY	0.00	1.75
489	0.4400	GY	0.00	1.75
491	0.4400	GY	0.00	1.75
492	0.4400	GY	0.00	2.00
493	0.4400	GY	0.00	2.00
494	0.4400	GY	0.00	2.00
495	0.4400	GY	0.00	2.00
496	0.4400	GY	0.00	2.00
497	0.4400	GY	0.00	1.75
500	0.4400	GY	0.00	2.00
501	0.4400	GY	0.00	1.75
512	0.4400	GY	0.00	1.75
513	0.4400	GY	0.00	1.75
514	0.4400	GY	0.00	2.00
515	0.4400	GY	0.00	0.25
516	0.4400	GY	0.00	0.25
517	0.4400	GY	0.00	2.00
518	0.4400	GY	0.00	1.75
520	0.4400	GY	0.00	0.25
522	0.4400	GY	0.00	2.00
523	0.4400	GY	0.00	2.00
524	0.4400	GY	0.00	1.75
525	0.4400	GY	0.00	1.75
526	0.4400	GY	0.00	0.25
527	0.4400	GY	0.00	0.25
528	0.4400	GY	0.00	1.75
530	0.4400	GY	0.00	0.25
532	0.4400	GY	0.00	2.00
533	0.4400	GY	0.00	2.00
534	0.4400	GY	0.00	2.00
535	0.4400	GY	0.00	2.00
20	0.8800	GY	0.00	6.00
21	0.8800	GY	0.00	6.00
28	0.8800	GY	0.00	6.00
29	0.8800	GY	0.00	6.00
34	0.8800	GY	0.00	6.00
35	0.8800	GY	0.00	6.00
40	0.8800	GY	0.00	6.00
41	0.8800	GY	0.00	6.00
55	0.8800	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 30

61	0.8800	GY	0.00	6.00
62	0.8800	GY	0.00	6.00
65	0.8800	GY	0.00	6.00
66	0.8800	GY	0.00	6.00
83	0.8800	GY	0.00	6.00
89	0.8800	GY	0.00	6.00
90	0.8800	GY	0.00	6.00
93	0.8800	GY	0.00	6.00
94	0.8800	GY	0.00	6.00
111	0.8800	GY	0.00	6.00
112	0.8800	GY	0.00	6.00
117	0.8800	GY	0.00	6.00
118	0.8800	GY	0.00	6.00
121	0.8800	GY	0.00	6.00
122	0.8800	GY	0.00	6.00
125	0.8800	GY	0.00	6.00
126	0.8800	GY	0.00	6.00
139	0.8800	GY	0.00	6.00
140	0.8800	GY	0.00	6.00
145	0.8800	GY	0.00	6.00
146	0.8800	GY	0.00	6.00
149	0.8800	GY	0.00	6.00
150	0.8800	GY	0.00	6.00
153	0.8800	GY	0.00	6.00
154	0.8800	GY	0.00	6.00
167	0.8800	GY	0.00	6.00
168	0.8800	GY	0.00	6.00
173	0.8800	GY	0.00	6.00
174	0.8800	GY	0.00	6.00
177	0.8800	GY	0.00	6.00
178	0.8800	GY	0.00	6.00
181	0.8800	GY	0.00	6.00
182	0.8800	GY	0.00	6.00
504	0.8800	GY	0.00	2.00
505	0.8800	GY	0.00	2.00
506	0.8800	GY	0.00	2.00
507	0.8800	GY	0.00	2.00
508	0.8800	GY	0.00	2.00
509	0.8800	GY	0.00	2.00
510	0.8800	GY	0.00	2.00
511	0.8800	GY	0.00	2.00
22	0.4900	GY	0.00	6.00
23	0.4900	GY	0.00	6.00
57	0.4900	GY	0.00	0.25
58	0.4900	GY	0.00	6.00
141	0.4900	GY	0.00	6.00
142	0.4900	GY	0.00	6.00
169	0.4900	GY	0.00	6.00
170	0.4900	GY	0.00	6.00
498	0.4900	GY	0.00	2.00
499	0.4900	GY	0.00	1.75
519	0.4900	GY	0.00	1.75
521	0.4900	GY	0.00	0.25
44	0.9900	GY	0.00	6.00
72	0.9900	GY	0.00	6.00
156	0.9900	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 31

184	0.9900	GY	0.00	6.00
85	0.3300	GY	0.00	0.25
113	0.3300	GY	0.00	6.00
114	0.3300	GY	0.00	3.00
468	0.3300	GY	0.00	1.40
471	0.3300	GY	0.00	4.60
479	0.3300	GY	0.00	3.00
502	0.3300	GY	0.00	2.00
503	0.3300	GY	0.00	1.75
529	0.3300	GY	0.00	1.75
531	0.3300	GY	0.00	0.25
472	0.6600	GY	0.00	1.40
475	0.6600	GY	0.00	1.40
477	0.6600	GY	0.00	3.00
483	0.6600	GY	0.00	3.00
201	0.4700	GY	0.00	6.00
204	0.4700	GY	0.00	6.00
237	0.4700	GY	0.00	6.00
238	0.4700	GY	0.00	6.00
257	0.4700	GY	0.00	6.00
259	0.4700	GY	0.00	6.00
280	0.4700	GY	0.00	6.00
282	0.4700	GY	0.00	6.00
302	0.4700	GY	0.00	6.00
304	0.4700	GY	0.00	6.00
325	0.4700	GY	0.00	6.00
328	0.4700	GY	0.00	6.00
202	0.9400	GY	0.00	6.00
203	0.9400	GY	0.00	6.00
210	0.9400	GY	0.00	6.00
211	0.9400	GY	0.00	6.00
216	0.9400	GY	0.00	6.00
217	0.9400	GY	0.00	6.00
222	0.9400	GY	0.00	6.00
223	0.9400	GY	0.00	6.00
245	0.9400	GY	0.00	6.00
246	0.9400	GY	0.00	6.00
258	0.9400	GY	0.00	6.00
264	0.9400	GY	0.00	6.00
265	0.9400	GY	0.00	6.00
268	0.9400	GY	0.00	6.00
269	0.9400	GY	0.00	6.00
281	0.9400	GY	0.00	6.00
287	0.9400	GY	0.00	6.00
288	0.9400	GY	0.00	6.00
291	0.9400	GY	0.00	6.00
292	0.9400	GY	0.00	6.00
303	0.9400	GY	0.00	6.00
309	0.9400	GY	0.00	6.00
310	0.9400	GY	0.00	6.00
313	0.9400	GY	0.00	6.00
314	0.9400	GY	0.00	6.00
326	0.9400	GY	0.00	6.00
327	0.9400	GY	0.00	6.00
332	0.9400	GY	0.00	6.00
333	0.9400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 32

336	0.9400	GY	0.00	6.00
337	0.9400	GY	0.00	6.00
340	0.9400	GY	0.00	6.00
341	0.9400	GY	0.00	6.00
204	0.5300	GY	0.00	6.00
205	0.5300	GY	0.00	6.00
239	0.5300	GY	0.00	6.00
240	0.5300	GY	0.00	6.00
260	0.5300	GY	0.00	6.00
261	0.5300	GY	0.00	6.00
283	0.5300	GY	0.00	6.00
284	0.5300	GY	0.00	6.00
305	0.5300	GY	0.00	6.00
306	0.5300	GY	0.00	6.00
328	0.5300	GY	0.00	6.00
329	0.5300	GY	0.00	6.00
226	1.0600	GY	0.00	6.00
248	1.0600	GY	0.00	6.00
271	1.0600	GY	0.00	6.00
294	1.0600	GY	0.00	6.00
316	1.0600	GY	0.00	6.00
343	1.0600	GY	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
19	0.4400	GZ	0.00	6.00				
22	0.4400	GZ	0.00	6.00				
54	0.4400	GZ	0.00	6.00				
56	0.4400	GZ	0.00	0.25				
69	0.4400	GZ	0.00	0.25				
70	0.4400	GZ	0.00	0.25				
82	0.4400	GZ	0.00	6.00				
84	0.4400	GZ	0.00	0.25				
97	0.4400	GZ	0.00	0.25				
98	0.4400	GZ	0.00	0.25				
110	0.4400	GZ	0.00	6.00				
113	0.4400	GZ	0.00	6.00				
138	0.4400	GZ	0.00	6.00				
141	0.4400	GZ	0.00	6.00				
166	0.4400	GZ	0.00	6.00				
169	0.4400	GZ	0.00	6.00				
485	0.4400	GZ	0.00	1.75				
487	0.4400	GZ	0.00	1.75				
489	0.4400	GZ	0.00	1.75				
491	0.4400	GZ	0.00	1.75				
492	0.4400	GZ	0.00	2.00				
493	0.4400	GZ	0.00	2.00				
494	0.4400	GZ	0.00	2.00				
495	0.4400	GZ	0.00	2.00				
496	0.4400	GZ	0.00	2.00				
497	0.4400	GZ	0.00	1.75				
500	0.4400	GZ	0.00	2.00				
501	0.4400	GZ	0.00	1.75				

STAAD SPACE

-- PAGE NO. 33

512	0.4400	GZ	0.00	1.75
513	0.4400	GZ	0.00	1.75
514	0.4400	GZ	0.00	2.00
515	0.4400	GZ	0.00	0.25
516	0.4400	GZ	0.00	0.25
517	0.4400	GZ	0.00	2.00
518	0.4400	GZ	0.00	1.75
520	0.4400	GZ	0.00	0.25
522	0.4400	GZ	0.00	2.00
523	0.4400	GZ	0.00	2.00
524	0.4400	GZ	0.00	1.75
525	0.4400	GZ	0.00	1.75
526	0.4400	GZ	0.00	0.25
527	0.4400	GZ	0.00	0.25
528	0.4400	GZ	0.00	1.75
530	0.4400	GZ	0.00	0.25
532	0.4400	GZ	0.00	2.00
533	0.4400	GZ	0.00	2.00
534	0.4400	GZ	0.00	2.00
535	0.4400	GZ	0.00	2.00
20	0.8800	GZ	0.00	6.00
21	0.8800	GZ	0.00	6.00
28	0.8800	GZ	0.00	6.00
29	0.8800	GZ	0.00	6.00
34	0.8800	GZ	0.00	6.00
35	0.8800	GZ	0.00	6.00
40	0.8800	GZ	0.00	6.00
41	0.8800	GZ	0.00	6.00
55	0.8800	GZ	0.00	6.00
61	0.8800	GZ	0.00	6.00
62	0.8800	GZ	0.00	6.00
65	0.8800	GZ	0.00	6.00
66	0.8800	GZ	0.00	6.00
83	0.8800	GZ	0.00	6.00
89	0.8800	GZ	0.00	6.00
90	0.8800	GZ	0.00	6.00
93	0.8800	GZ	0.00	6.00
94	0.8800	GZ	0.00	6.00
111	0.8800	GZ	0.00	6.00
112	0.8800	GZ	0.00	6.00
117	0.8800	GZ	0.00	6.00
118	0.8800	GZ	0.00	6.00
121	0.8800	GZ	0.00	6.00
122	0.8800	GZ	0.00	6.00
125	0.8800	GZ	0.00	6.00
126	0.8800	GZ	0.00	6.00
139	0.8800	GZ	0.00	6.00
140	0.8800	GZ	0.00	6.00
145	0.8800	GZ	0.00	6.00
146	0.8800	GZ	0.00	6.00
149	0.8800	GZ	0.00	6.00
150	0.8800	GZ	0.00	6.00
153	0.8800	GZ	0.00	6.00
154	0.8800	GZ	0.00	6.00
167	0.8800	GZ	0.00	6.00
168	0.8800	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 34

173	0.8800	GZ	0.00	6.00
174	0.8800	GZ	0.00	6.00
177	0.8800	GZ	0.00	6.00
178	0.8800	GZ	0.00	6.00
181	0.8800	GZ	0.00	6.00
182	0.8800	GZ	0.00	6.00
504	0.8800	GZ	0.00	2.00
505	0.8800	GZ	0.00	2.00
506	0.8800	GZ	0.00	2.00
507	0.8800	GZ	0.00	2.00
508	0.8800	GZ	0.00	2.00
509	0.8800	GZ	0.00	2.00
510	0.8800	GZ	0.00	2.00
511	0.8800	GZ	0.00	2.00
22	0.4900	GZ	0.00	6.00
23	0.4900	GZ	0.00	6.00
57	0.4900	GZ	0.00	0.25
58	0.4900	GZ	0.00	6.00
141	0.4900	GZ	0.00	6.00
142	0.4900	GZ	0.00	6.00
169	0.4900	GZ	0.00	6.00
170	0.4900	GZ	0.00	6.00
498	0.4900	GZ	0.00	2.00
499	0.4900	GZ	0.00	1.75
519	0.4900	GZ	0.00	1.75
521	0.4900	GZ	0.00	0.25
44	0.9900	GZ	0.00	6.00
72	0.9900	GZ	0.00	6.00
156	0.9900	GZ	0.00	6.00
184	0.9900	GZ	0.00	6.00
85	0.3300	GZ	0.00	0.25
113	0.3300	GZ	0.00	6.00
114	0.3300	GZ	0.00	3.00
468	0.3300	GZ	0.00	1.40
471	0.3300	GZ	0.00	4.60
479	0.3300	GZ	0.00	3.00
502	0.3300	GZ	0.00	2.00
503	0.3300	GZ	0.00	1.75
529	0.3300	GZ	0.00	1.75
531	0.3300	GZ	0.00	0.25
472	0.6600	GZ	0.00	1.40
475	0.6600	GZ	0.00	1.40
477	0.6600	GZ	0.00	3.00
483	0.6600	GZ	0.00	3.00
201	0.4700	GZ	0.00	6.00
204	0.4700	GZ	0.00	6.00
237	0.4700	GZ	0.00	6.00
238	0.4700	GZ	0.00	6.00
257	0.4700	GZ	0.00	6.00
259	0.4700	GZ	0.00	6.00
280	0.4700	GZ	0.00	6.00
282	0.4700	GZ	0.00	6.00
302	0.4700	GZ	0.00	6.00
304	0.4700	GZ	0.00	6.00
325	0.4700	GZ	0.00	6.00
328	0.4700	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 35

202	0.9400	GZ	0.00	6.00
203	0.9400	GZ	0.00	6.00
210	0.9400	GZ	0.00	6.00
211	0.9400	GZ	0.00	6.00
216	0.9400	GZ	0.00	6.00
217	0.9400	GZ	0.00	6.00
222	0.9400	GZ	0.00	6.00
223	0.9400	GZ	0.00	6.00
245	0.9400	GZ	0.00	6.00
246	0.9400	GZ	0.00	6.00
258	0.9400	GZ	0.00	6.00
264	0.9400	GZ	0.00	6.00
265	0.9400	GZ	0.00	6.00
268	0.9400	GZ	0.00	6.00
269	0.9400	GZ	0.00	6.00
281	0.9400	GZ	0.00	6.00
287	0.9400	GZ	0.00	6.00
288	0.9400	GZ	0.00	6.00
291	0.9400	GZ	0.00	6.00
292	0.9400	GZ	0.00	6.00
303	0.9400	GZ	0.00	6.00
309	0.9400	GZ	0.00	6.00
310	0.9400	GZ	0.00	6.00
313	0.9400	GZ	0.00	6.00
314	0.9400	GZ	0.00	6.00
326	0.9400	GZ	0.00	6.00
327	0.9400	GZ	0.00	6.00
332	0.9400	GZ	0.00	6.00
333	0.9400	GZ	0.00	6.00
336	0.9400	GZ	0.00	6.00
337	0.9400	GZ	0.00	6.00
340	0.9400	GZ	0.00	6.00
341	0.9400	GZ	0.00	6.00
204	0.5300	GZ	0.00	6.00
205	0.5300	GZ	0.00	6.00
239	0.5300	GZ	0.00	6.00
240	0.5300	GZ	0.00	6.00
260	0.5300	GZ	0.00	6.00
261	0.5300	GZ	0.00	6.00
283	0.5300	GZ	0.00	6.00
284	0.5300	GZ	0.00	6.00
305	0.5300	GZ	0.00	6.00
306	0.5300	GZ	0.00	6.00
328	0.5300	GZ	0.00	6.00
329	0.5300	GZ	0.00	6.00
226	1.0600	GZ	0.00	6.00
248	1.0600	GZ	0.00	6.00
271	1.0600	GZ	0.00	6.00
294	1.0600	GZ	0.00	6.00
316	1.0600	GZ	0.00	6.00
343	1.0600	GZ	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
19	0.1800 GX	0.00	6.00				
22	0.1800 GX	0.00	6.00				
54	0.1800 GX	0.00	6.00				
56	0.1800 GX	0.00	0.25				
69	0.1800 GX	0.00	0.25				
70	0.1800 GX	0.00	0.25				
82	0.1800 GX	0.00	6.00				
84	0.1800 GX	0.00	0.25				
97	0.1800 GX	0.00	0.25				
98	0.1800 GX	0.00	0.25				
110	0.1800 GX	0.00	6.00				
113	0.1800 GX	0.00	6.00				
138	0.1800 GX	0.00	6.00				
141	0.1800 GX	0.00	6.00				
166	0.1800 GX	0.00	6.00				
169	0.1800 GX	0.00	6.00				
485	0.1800 GX	0.00	1.75				
487	0.1800 GX	0.00	1.75				
489	0.1800 GX	0.00	1.75				
491	0.1800 GX	0.00	1.75				
492	0.1800 GX	0.00	2.00				
493	0.1800 GX	0.00	2.00				
494	0.1800 GX	0.00	2.00				
495	0.1800 GX	0.00	2.00				
496	0.1800 GX	0.00	2.00				
497	0.1800 GX	0.00	1.75				
500	0.1800 GX	0.00	2.00				
501	0.1800 GX	0.00	1.75				
512	0.1800 GX	0.00	1.75				
513	0.1800 GX	0.00	1.75				
514	0.1800 GX	0.00	2.00				
515	0.1800 GX	0.00	0.25				
516	0.1800 GX	0.00	0.25				
517	0.1800 GX	0.00	2.00				
518	0.1800 GX	0.00	1.75				
520	0.1800 GX	0.00	0.25				
522	0.1800 GX	0.00	2.00				
523	0.1800 GX	0.00	2.00				
524	0.1800 GX	0.00	1.75				
525	0.1800 GX	0.00	1.75				
526	0.1800 GX	0.00	0.25				
527	0.1800 GX	0.00	0.25				
528	0.1800 GX	0.00	1.75				
530	0.1800 GX	0.00	0.25				
532	0.1800 GX	0.00	2.00				
533	0.1800 GX	0.00	2.00				
534	0.1800 GX	0.00	2.00				
535	0.1800 GX	0.00	2.00				
20	0.3600 GX	0.00	6.00				
21	0.3600 GX	0.00	6.00				

STAAD SPACE

-- PAGE NO. 37

28	0.3600	GX	0.00	6.00
29	0.3600	GX	0.00	6.00
34	0.3600	GX	0.00	6.00
35	0.3600	GX	0.00	6.00
40	0.3600	GX	0.00	6.00
41	0.3600	GX	0.00	6.00
55	0.3600	GX	0.00	6.00
61	0.3600	GX	0.00	6.00
62	0.3600	GX	0.00	6.00
65	0.3600	GX	0.00	6.00
66	0.3600	GX	0.00	6.00
83	0.3600	GX	0.00	6.00
89	0.3600	GX	0.00	6.00
90	0.3600	GX	0.00	6.00
93	0.3600	GX	0.00	6.00
94	0.3600	GX	0.00	6.00
111	0.3600	GX	0.00	6.00
112	0.3600	GX	0.00	6.00
117	0.3600	GX	0.00	6.00
118	0.3600	GX	0.00	6.00
121	0.3600	GX	0.00	6.00
122	0.3600	GX	0.00	6.00
125	0.3600	GX	0.00	6.00
126	0.3600	GX	0.00	6.00
139	0.3600	GX	0.00	6.00
140	0.3600	GX	0.00	6.00
145	0.3600	GX	0.00	6.00
146	0.3600	GX	0.00	6.00
149	0.3600	GX	0.00	6.00
150	0.3600	GX	0.00	6.00
153	0.3600	GX	0.00	6.00
154	0.3600	GX	0.00	6.00
167	0.3600	GX	0.00	6.00
168	0.3600	GX	0.00	6.00
173	0.3600	GX	0.00	6.00
174	0.3600	GX	0.00	6.00
177	0.3600	GX	0.00	6.00
178	0.3600	GX	0.00	6.00
181	0.3600	GX	0.00	6.00
182	0.3600	GX	0.00	6.00
504	0.3600	GX	0.00	2.00
505	0.3600	GX	0.00	2.00
506	0.3600	GX	0.00	2.00
507	0.3600	GX	0.00	2.00
508	0.3600	GX	0.00	2.00
509	0.3600	GX	0.00	2.00
510	0.3600	GX	0.00	2.00
511	0.3600	GX	0.00	2.00
22	0.2000	GX	0.00	6.00
23	0.2000	GX	0.00	6.00
57	0.2000	GX	0.00	0.25
58	0.2000	GX	0.00	6.00
141	0.2000	GX	0.00	6.00
142	0.2000	GX	0.00	6.00
169	0.2000	GX	0.00	6.00
170	0.2000	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 38

498	0.2000	GX	0.00	2.00
499	0.2000	GX	0.00	1.75
519	0.2000	GX	0.00	1.75
521	0.2000	GX	0.00	0.25
44	0.4000	GX	0.00	6.00
72	0.4000	GX	0.00	6.00
156	0.4000	GX	0.00	6.00
184	0.4000	GX	0.00	6.00
85	0.1400	GX	0.00	0.25
113	0.1400	GX	0.00	6.00
114	0.1400	GX	0.00	3.00
468	0.1400	GX	0.00	1.40
471	0.1400	GX	0.00	4.60
479	0.1400	GX	0.00	3.00
502	0.1400	GX	0.00	2.00
503	0.1400	GX	0.00	1.75
529	0.1400	GX	0.00	1.75
531	0.1400	GX	0.00	0.25
472	0.2700	GX	0.00	1.40
475	0.2700	GX	0.00	1.40
477	0.2700	GX	0.00	3.00
483	0.2700	GX	0.00	3.00
201	0.0700	GX	0.00	6.00
204	0.0700	GX	0.00	6.00
237	0.0700	GX	0.00	6.00
238	0.0700	GX	0.00	6.00
257	0.0700	GX	0.00	6.00
259	0.0700	GX	0.00	6.00
280	0.0700	GX	0.00	6.00
282	0.0700	GX	0.00	6.00
302	0.0700	GX	0.00	6.00
304	0.0700	GX	0.00	6.00
325	0.0700	GX	0.00	6.00
328	0.0700	GX	0.00	6.00
202	0.1400	GX	0.00	6.00
203	0.1400	GX	0.00	6.00
210	0.1400	GX	0.00	6.00
211	0.1400	GX	0.00	6.00
216	0.1400	GX	0.00	6.00
217	0.1400	GX	0.00	6.00
222	0.1400	GX	0.00	6.00
223	0.1400	GX	0.00	6.00
245	0.1400	GX	0.00	6.00
246	0.1400	GX	0.00	6.00
258	0.1400	GX	0.00	6.00
264	0.1400	GX	0.00	6.00
265	0.1400	GX	0.00	6.00
268	0.1400	GX	0.00	6.00
269	0.1400	GX	0.00	6.00
281	0.1400	GX	0.00	6.00
287	0.1400	GX	0.00	6.00
288	0.1400	GX	0.00	6.00
291	0.1400	GX	0.00	6.00
292	0.1400	GX	0.00	6.00
303	0.1400	GX	0.00	6.00
309	0.1400	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 39

310	0.1400	GX	0.00	6.00
313	0.1400	GX	0.00	6.00
314	0.1400	GX	0.00	6.00
326	0.1400	GX	0.00	6.00
327	0.1400	GX	0.00	6.00
332	0.1400	GX	0.00	6.00
333	0.1400	GX	0.00	6.00
336	0.1400	GX	0.00	6.00
337	0.1400	GX	0.00	6.00
340	0.1400	GX	0.00	6.00
341	0.1400	GX	0.00	6.00
204	0.0800	GX	0.00	6.00
205	0.0800	GX	0.00	6.00
239	0.0800	GX	0.00	6.00
240	0.0800	GX	0.00	6.00
260	0.0800	GX	0.00	6.00
261	0.0800	GX	0.00	6.00
283	0.0800	GX	0.00	6.00
284	0.0800	GX	0.00	6.00
305	0.0800	GX	0.00	6.00
306	0.0800	GX	0.00	6.00
328	0.0800	GX	0.00	6.00
329	0.0800	GX	0.00	6.00
226	0.1600	GX	0.00	6.00
248	0.1600	GX	0.00	6.00
271	0.1600	GX	0.00	6.00
294	0.1600	GX	0.00	6.00
316	0.1600	GX	0.00	6.00
343	0.1600	GX	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
19	0.1800	GY	0.00	6.00				
22	0.1800	GY	0.00	6.00				
54	0.1800	GY	0.00	6.00				
56	0.1800	GY	0.00	0.25				
69	0.1800	GY	0.00	0.25				
70	0.1800	GY	0.00	0.25				
82	0.1800	GY	0.00	6.00				
84	0.1800	GY	0.00	0.25				
97	0.1800	GY	0.00	0.25				
98	0.1800	GY	0.00	0.25				
110	0.1800	GY	0.00	6.00				
113	0.1800	GY	0.00	6.00				
138	0.1800	GY	0.00	6.00				
141	0.1800	GY	0.00	6.00				
166	0.1800	GY	0.00	6.00				
169	0.1800	GY	0.00	6.00				
485	0.1800	GY	0.00	1.75				
487	0.1800	GY	0.00	1.75				
489	0.1800	GY	0.00	1.75				
491	0.1800	GY	0.00	1.75				
492	0.1800	GY	0.00	2.00				

STAAD SPACE

-- PAGE NO. 40

493	0.1800	GY	0.00	2.00
494	0.1800	GY	0.00	2.00
495	0.1800	GY	0.00	2.00
496	0.1800	GY	0.00	2.00
497	0.1800	GY	0.00	1.75
500	0.1800	GY	0.00	2.00
501	0.1800	GY	0.00	1.75
512	0.1800	GY	0.00	1.75
513	0.1800	GY	0.00	1.75
514	0.1800	GY	0.00	2.00
515	0.1800	GY	0.00	0.25
516	0.1800	GY	0.00	0.25
517	0.1800	GY	0.00	2.00
518	0.1800	GY	0.00	1.75
520	0.1800	GY	0.00	0.25
522	0.1800	GY	0.00	2.00
523	0.1800	GY	0.00	2.00
524	0.1800	GY	0.00	1.75
525	0.1800	GY	0.00	1.75
526	0.1800	GY	0.00	0.25
527	0.1800	GY	0.00	0.25
528	0.1800	GY	0.00	1.75
530	0.1800	GY	0.00	0.25
532	0.1800	GY	0.00	2.00
533	0.1800	GY	0.00	2.00
534	0.1800	GY	0.00	2.00
535	0.1800	GY	0.00	2.00
20	0.3600	GY	0.00	6.00
21	0.3600	GY	0.00	6.00
28	0.3600	GY	0.00	6.00
29	0.3600	GY	0.00	6.00
34	0.3600	GY	0.00	6.00
35	0.3600	GY	0.00	6.00
40	0.3600	GY	0.00	6.00
41	0.3600	GY	0.00	6.00
55	0.3600	GY	0.00	6.00
61	0.3600	GY	0.00	6.00
62	0.3600	GY	0.00	6.00
65	0.3600	GY	0.00	6.00
66	0.3600	GY	0.00	6.00
83	0.3600	GY	0.00	6.00
89	0.3600	GY	0.00	6.00
90	0.3600	GY	0.00	6.00
93	0.3600	GY	0.00	6.00
94	0.3600	GY	0.00	6.00
111	0.3600	GY	0.00	6.00
112	0.3600	GY	0.00	6.00
117	0.3600	GY	0.00	6.00
118	0.3600	GY	0.00	6.00
121	0.3600	GY	0.00	6.00
122	0.3600	GY	0.00	6.00
125	0.3600	GY	0.00	6.00
126	0.3600	GY	0.00	6.00
139	0.3600	GY	0.00	6.00
140	0.3600	GY	0.00	6.00
145	0.3600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 41

146	0.3600	GY	0.00	6.00
149	0.3600	GY	0.00	6.00
150	0.3600	GY	0.00	6.00
153	0.3600	GY	0.00	6.00
154	0.3600	GY	0.00	6.00
167	0.3600	GY	0.00	6.00
168	0.3600	GY	0.00	6.00
173	0.3600	GY	0.00	6.00
174	0.3600	GY	0.00	6.00
177	0.3600	GY	0.00	6.00
178	0.3600	GY	0.00	6.00
181	0.3600	GY	0.00	6.00
182	0.3600	GY	0.00	6.00
504	0.3600	GY	0.00	2.00
505	0.3600	GY	0.00	2.00
506	0.3600	GY	0.00	2.00
507	0.3600	GY	0.00	2.00
508	0.3600	GY	0.00	2.00
509	0.3600	GY	0.00	2.00
510	0.3600	GY	0.00	2.00
511	0.3600	GY	0.00	2.00
22	0.2000	GY	0.00	6.00
23	0.2000	GY	0.00	6.00
57	0.2000	GY	0.00	0.25
58	0.2000	GY	0.00	6.00
141	0.2000	GY	0.00	6.00
142	0.2000	GY	0.00	6.00
169	0.2000	GY	0.00	6.00
170	0.2000	GY	0.00	6.00
498	0.2000	GY	0.00	2.00
499	0.2000	GY	0.00	1.75
519	0.2000	GY	0.00	1.75
521	0.2000	GY	0.00	0.25
44	0.4000	GY	0.00	6.00
72	0.4000	GY	0.00	6.00
156	0.4000	GY	0.00	6.00
184	0.4000	GY	0.00	6.00
85	0.1400	GY	0.00	0.25
113	0.1400	GY	0.00	6.00
114	0.1400	GY	0.00	3.00
468	0.1400	GY	0.00	1.40
471	0.1400	GY	0.00	4.60
479	0.1400	GY	0.00	3.00
502	0.1400	GY	0.00	2.00
503	0.1400	GY	0.00	1.75
529	0.1400	GY	0.00	1.75
531	0.1400	GY	0.00	0.25
472	0.2700	GY	0.00	1.40
475	0.2700	GY	0.00	1.40
477	0.2700	GY	0.00	3.00
483	0.2700	GY	0.00	3.00
201	0.0700	GY	0.00	6.00
204	0.0700	GY	0.00	6.00
237	0.0700	GY	0.00	6.00
238	0.0700	GY	0.00	6.00
257	0.0700	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 42

259	0.0700	GY	0.00	6.00
280	0.0700	GY	0.00	6.00
282	0.0700	GY	0.00	6.00
302	0.0700	GY	0.00	6.00
304	0.0700	GY	0.00	6.00
325	0.0700	GY	0.00	6.00
328	0.0700	GY	0.00	6.00
202	0.1400	GY	0.00	6.00
203	0.1400	GY	0.00	6.00
210	0.1400	GY	0.00	6.00
211	0.1400	GY	0.00	6.00
216	0.1400	GY	0.00	6.00
217	0.1400	GY	0.00	6.00
222	0.1400	GY	0.00	6.00
223	0.1400	GY	0.00	6.00
245	0.1400	GY	0.00	6.00
246	0.1400	GY	0.00	6.00
258	0.1400	GY	0.00	6.00
264	0.1400	GY	0.00	6.00
265	0.1400	GY	0.00	6.00
268	0.1400	GY	0.00	6.00
269	0.1400	GY	0.00	6.00
281	0.1400	GY	0.00	6.00
287	0.1400	GY	0.00	6.00
288	0.1400	GY	0.00	6.00
291	0.1400	GY	0.00	6.00
292	0.1400	GY	0.00	6.00
303	0.1400	GY	0.00	6.00
309	0.1400	GY	0.00	6.00
310	0.1400	GY	0.00	6.00
313	0.1400	GY	0.00	6.00
314	0.1400	GY	0.00	6.00
326	0.1400	GY	0.00	6.00
327	0.1400	GY	0.00	6.00
332	0.1400	GY	0.00	6.00
333	0.1400	GY	0.00	6.00
336	0.1400	GY	0.00	6.00
337	0.1400	GY	0.00	6.00
340	0.1400	GY	0.00	6.00
341	0.1400	GY	0.00	6.00
204	0.0800	GY	0.00	6.00
205	0.0800	GY	0.00	6.00
239	0.0800	GY	0.00	6.00
240	0.0800	GY	0.00	6.00
260	0.0800	GY	0.00	6.00
261	0.0800	GY	0.00	6.00
283	0.0800	GY	0.00	6.00
284	0.0800	GY	0.00	6.00
305	0.0800	GY	0.00	6.00
306	0.0800	GY	0.00	6.00
328	0.0800	GY	0.00	6.00
329	0.0800	GY	0.00	6.00
226	0.1600	GY	0.00	6.00
248	0.1600	GY	0.00	6.00
271	0.1600	GY	0.00	6.00
294	0.1600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 43

316	0.1600 GY	0.00	6.00
343	0.1600 GY	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
19	0.1800 GZ	0.00	6.00				
22	0.1800 GZ	0.00	6.00				
54	0.1800 GZ	0.00	6.00				
56	0.1800 GZ	0.00	0.25				
69	0.1800 GZ	0.00	0.25				
70	0.1800 GZ	0.00	0.25				
82	0.1800 GZ	0.00	6.00				
84	0.1800 GZ	0.00	0.25				
97	0.1800 GZ	0.00	0.25				
98	0.1800 GZ	0.00	0.25				
110	0.1800 GZ	0.00	6.00				
113	0.1800 GZ	0.00	6.00				
138	0.1800 GZ	0.00	6.00				
141	0.1800 GZ	0.00	6.00				
166	0.1800 GZ	0.00	6.00				
169	0.1800 GZ	0.00	6.00				
485	0.1800 GZ	0.00	1.75				
487	0.1800 GZ	0.00	1.75				
489	0.1800 GZ	0.00	1.75				
491	0.1800 GZ	0.00	1.75				
492	0.1800 GZ	0.00	2.00				
493	0.1800 GZ	0.00	2.00				
494	0.1800 GZ	0.00	2.00				
495	0.1800 GZ	0.00	2.00				
496	0.1800 GZ	0.00	2.00				
497	0.1800 GZ	0.00	1.75				
500	0.1800 GZ	0.00	2.00				
501	0.1800 GZ	0.00	1.75				
512	0.1800 GZ	0.00	1.75				
513	0.1800 GZ	0.00	1.75				
514	0.1800 GZ	0.00	2.00				
515	0.1800 GZ	0.00	0.25				
516	0.1800 GZ	0.00	0.25				
517	0.1800 GZ	0.00	2.00				
518	0.1800 GZ	0.00	1.75				
520	0.1800 GZ	0.00	0.25				
522	0.1800 GZ	0.00	2.00				
523	0.1800 GZ	0.00	2.00				
524	0.1800 GZ	0.00	1.75				
525	0.1800 GZ	0.00	1.75				
526	0.1800 GZ	0.00	0.25				
527	0.1800 GZ	0.00	0.25				
528	0.1800 GZ	0.00	1.75				
530	0.1800 GZ	0.00	0.25				
532	0.1800 GZ	0.00	2.00				
533	0.1800 GZ	0.00	2.00				
534	0.1800 GZ	0.00	2.00				
535	0.1800 GZ	0.00	2.00				

STAAD SPACE

-- PAGE NO. 44

20	0.3600	GZ	0.00	6.00
21	0.3600	GZ	0.00	6.00
28	0.3600	GZ	0.00	6.00
29	0.3600	GZ	0.00	6.00
34	0.3600	GZ	0.00	6.00
35	0.3600	GZ	0.00	6.00
40	0.3600	GZ	0.00	6.00
41	0.3600	GZ	0.00	6.00
55	0.3600	GZ	0.00	6.00
61	0.3600	GZ	0.00	6.00
62	0.3600	GZ	0.00	6.00
65	0.3600	GZ	0.00	6.00
66	0.3600	GZ	0.00	6.00
83	0.3600	GZ	0.00	6.00
89	0.3600	GZ	0.00	6.00
90	0.3600	GZ	0.00	6.00
93	0.3600	GZ	0.00	6.00
94	0.3600	GZ	0.00	6.00
111	0.3600	GZ	0.00	6.00
112	0.3600	GZ	0.00	6.00
117	0.3600	GZ	0.00	6.00
118	0.3600	GZ	0.00	6.00
121	0.3600	GZ	0.00	6.00
122	0.3600	GZ	0.00	6.00
125	0.3600	GZ	0.00	6.00
126	0.3600	GZ	0.00	6.00
139	0.3600	GZ	0.00	6.00
140	0.3600	GZ	0.00	6.00
145	0.3600	GZ	0.00	6.00
146	0.3600	GZ	0.00	6.00
149	0.3600	GZ	0.00	6.00
150	0.3600	GZ	0.00	6.00
153	0.3600	GZ	0.00	6.00
154	0.3600	GZ	0.00	6.00
167	0.3600	GZ	0.00	6.00
168	0.3600	GZ	0.00	6.00
173	0.3600	GZ	0.00	6.00
174	0.3600	GZ	0.00	6.00
177	0.3600	GZ	0.00	6.00
178	0.3600	GZ	0.00	6.00
181	0.3600	GZ	0.00	6.00
182	0.3600	GZ	0.00	6.00
504	0.3600	GZ	0.00	2.00
505	0.3600	GZ	0.00	2.00
506	0.3600	GZ	0.00	2.00
507	0.3600	GZ	0.00	2.00
508	0.3600	GZ	0.00	2.00
509	0.3600	GZ	0.00	2.00
510	0.3600	GZ	0.00	2.00
511	0.3600	GZ	0.00	2.00
22	0.2000	GZ	0.00	6.00
23	0.2000	GZ	0.00	6.00
57	0.2000	GZ	0.00	0.25
58	0.2000	GZ	0.00	6.00
141	0.2000	GZ	0.00	6.00
142	0.2000	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 45

169	0.2000	GZ	0.00	6.00
170	0.2000	GZ	0.00	6.00
498	0.2000	GZ	0.00	2.00
499	0.2000	GZ	0.00	1.75
519	0.2000	GZ	0.00	1.75
521	0.2000	GZ	0.00	0.25
44	0.4000	GZ	0.00	6.00
72	0.4000	GZ	0.00	6.00
156	0.4000	GZ	0.00	6.00
184	0.4000	GZ	0.00	6.00
85	0.1400	GZ	0.00	0.25
113	0.1400	GZ	0.00	6.00
114	0.1400	GZ	0.00	3.00
468	0.1400	GZ	0.00	1.40
471	0.1400	GZ	0.00	4.60
479	0.1400	GZ	0.00	3.00
502	0.1400	GZ	0.00	2.00
503	0.1400	GZ	0.00	1.75
529	0.1400	GZ	0.00	1.75
531	0.1400	GZ	0.00	0.25
472	0.2700	GZ	0.00	1.40
475	0.2700	GZ	0.00	1.40
477	0.2700	GZ	0.00	3.00
483	0.2700	GZ	0.00	3.00
201	0.0700	GZ	0.00	6.00
204	0.0700	GZ	0.00	6.00
237	0.0700	GZ	0.00	6.00
238	0.0700	GZ	0.00	6.00
257	0.0700	GZ	0.00	6.00
259	0.0700	GZ	0.00	6.00
280	0.0700	GZ	0.00	6.00
282	0.0700	GZ	0.00	6.00
302	0.0700	GZ	0.00	6.00
304	0.0700	GZ	0.00	6.00
325	0.0700	GZ	0.00	6.00
328	0.0700	GZ	0.00	6.00
202	0.1400	GZ	0.00	6.00
203	0.1400	GZ	0.00	6.00
210	0.1400	GZ	0.00	6.00
211	0.1400	GZ	0.00	6.00
216	0.1400	GZ	0.00	6.00
217	0.1400	GZ	0.00	6.00
222	0.1400	GZ	0.00	6.00
223	0.1400	GZ	0.00	6.00
245	0.1400	GZ	0.00	6.00
246	0.1400	GZ	0.00	6.00
258	0.1400	GZ	0.00	6.00
264	0.1400	GZ	0.00	6.00
265	0.1400	GZ	0.00	6.00
268	0.1400	GZ	0.00	6.00
269	0.1400	GZ	0.00	6.00
281	0.1400	GZ	0.00	6.00
287	0.1400	GZ	0.00	6.00
288	0.1400	GZ	0.00	6.00
291	0.1400	GZ	0.00	6.00
292	0.1400	GZ	0.00	6.00

STAAD SPACE

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303	0.1400	GZ	0.00	6.00
309	0.1400	GZ	0.00	6.00
310	0.1400	GZ	0.00	6.00
313	0.1400	GZ	0.00	6.00
314	0.1400	GZ	0.00	6.00
326	0.1400	GZ	0.00	6.00
327	0.1400	GZ	0.00	6.00
332	0.1400	GZ	0.00	6.00
333	0.1400	GZ	0.00	6.00
336	0.1400	GZ	0.00	6.00
337	0.1400	GZ	0.00	6.00
340	0.1400	GZ	0.00	6.00
341	0.1400	GZ	0.00	6.00
204	0.0800	GZ	0.00	6.00
205	0.0800	GZ	0.00	6.00
239	0.0800	GZ	0.00	6.00
240	0.0800	GZ	0.00	6.00
260	0.0800	GZ	0.00	6.00
261	0.0800	GZ	0.00	6.00
283	0.0800	GZ	0.00	6.00
284	0.0800	GZ	0.00	6.00
305	0.0800	GZ	0.00	6.00
306	0.0800	GZ	0.00	6.00
328	0.0800	GZ	0.00	6.00
329	0.0800	GZ	0.00	6.00
226	0.1600	GZ	0.00	6.00
248	0.1600	GZ	0.00	6.00
271	0.1600	GZ	0.00	6.00
294	0.1600	GZ	0.00	6.00
316	0.1600	GZ	0.00	6.00
343	0.1600	GZ	0.00	6.00

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

DIRECTIONAL VALUES:

SCALE FACTOR = 9.81

X = 1.00 Y = 0.00 Z = 0.00

DAMPING FACTOR = 0.050

PERIOD VS. ACCELERATION

0.0010	0.1200
0.1000	0.1630
0.2000	0.2070
0.3000	0.2500
0.4000	0.2500
0.5000	0.2500
0.6000	0.2500
0.7000	0.2500
0.8000	0.2500
0.9000	0.2500
1.0000	0.2500
1.1000	0.2500
1.2000	0.2500

STAAD SPACE

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1.3000	0.2500
1.4000	0.2500
1.5000	0.2500
1.6000	0.2400
1.7000	0.2300
1.8000	0.2220
1.9000	0.2140
2.0000	0.2070
2.1000	0.2000
2.2000	0.1940
2.3000	0.1890
2.4000	0.1830
2.5000	0.1780
2.6000	0.1740
2.7000	0.1700
2.8000	0.1660
2.9000	0.1620
3.0000	0.1580
3.1000	0.1550
3.2000	0.1520
3.3000	0.1490
3.4000	0.1460
3.5000	0.1430
3.6000	0.1400
3.7000	0.1380
3.8000	0.1350
3.9000	0.1330
4.0000	0.1310
4.1000	0.1290
4.2000	0.1270
4.3000	0.1250
4.4000	0.1230
4.5000	0.1210
4.6000	0.1190
4.7000	0.1180
4.8000	0.1160
4.9000	0.1140
5.0000	0.1130

***NOTE: MASSES DEFINED UNDER LOAD# 8 WILL FORM THE FINAL MASS MATRIX FOR DYNAMIC ANALYSIS.

LOADING 9 LOADTYPE SEISMIC TITLE SISMO EN Z

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

DIRECTIONAL VALUES: SCALE FACTOR = 9.81

X = 0.00 Y = 0.00 Z = 1.00 DAMPING FACTOR = 0.050

PERIOD	VS.	ACCELERATION
0.0010		0.1200
0.1000		0.1630
0.2000		0.2070
0.3000		0.2500
0.4000		0.2500
0.5000		0.2500
0.6000		0.2500
0.7000		0.2500
0.8000		0.2500
0.9000		0.2500
1.0000		0.2500
1.1000		0.2500
1.2000		0.2500
1.3000		0.2500
1.4000		0.2500
1.5000		0.2500
1.6000		0.2400
1.7000		0.2300
1.8000		0.2220
1.9000		0.2140
2.0000		0.2070
2.1000		0.2000
2.2000		0.1940
2.3000		0.1890
2.4000		0.1830
2.5000		0.1780
2.6000		0.1740
2.7000		0.1700
2.8000		0.1660
2.9000		0.1620
3.0000		0.1580
3.1000		0.1550
3.2000		0.1520
3.3000		0.1490
3.4000		0.1460
3.5000		0.1430
3.6000		0.1400
3.7000		0.1380
3.8000		0.1350
3.9000		0.1330
4.0000		0.1310
4.1000		0.1290
4.2000		0.1270
4.3000		0.1250
4.4000		0.1230
4.5000		0.1210
4.6000		0.1190
4.7000		0.1180
4.8000		0.1160
4.9000		0.1140
5.0000		0.1130

LOADS APPLIED OR DISTRIBUTED HERE FROM ELEMENTS WILL BE IGNORED.
THIS MAY BE DUE TO ALL MEMBERS AT THIS JOINT BEING RELEASED OR
EFFECTIVELY RELEASED IN THIS DIRECTION.

PROBABLE CAUSE SINGULAR-ADDING WEAK SPRING

K-MATRIX DIAG= 4.5312742E+02 L-MATRIX DIAG= -1.1368684E-13 EQN NO 648

DURING DECOMPOSITION. WHEN A DECOMPOSED DIAGONAL IS LESS THAN THE
BUILT-IN REDUCTION FACTOR TIMES THE ORIGINAL STIFFNESS MATRIX DIAGONAL,
STAAD PRINTS A SINGULARITY NOTICE. THE BUILT-IN REDUCTION FACTOR
IS 1.000E-09

THE ABOVE CONDITIONS COULD ALSO BE CAUSED BY VERY STIFF OR VERY WEAK
ELEMENTS AS WELL AS TRUE SINGULARITIES.

PROBABLE CAUSE SINGULAR-ADDING WEAK SPRING

K-MATRIX DIAG= 4.5312742E+02 L-MATRIX DIAG= -1.1368684E-13 EQN NO 750

PROBABLE CAUSE SINGULAR-ADDING WEAK SPRING

K-MATRIX DIAG= 8.4961348E+02 L-MATRIX DIAG= 0.0000000E+00 EQN NO 783

PROBABLE CAUSE SINGULAR-ADDING WEAK SPRING

K-MATRIX DIAG= 8.4961348E+02 L-MATRIX DIAG= 0.0000000E+00 EQN NO 873

EIGEN METHOD : SUBSPACE

NUMBER OF MODES REQUESTED = 6
NUMBER OF EXISTING MASSES IN THE MODEL = 502
NUMBER OF MODES THAT WILL BE USED = 6

CALCULATED FREQUENCIES FOR LOAD CASE 8

MODE	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	ACCURACY
1	1.597	0.62620	2.823E-16
2	2.390	0.41842	1.134E-15
3	2.598	0.38498	6.402E-16
4	2.811	0.35571	3.680E-14
5	3.425	0.29201	2.167E-13
6	3.669	0.27253	6.185E-07

The following Frequencies are estimates that were calculated. These are for information only and will not be used. Remaining values are either above the cut off mode/freq values or are of low accuracy. To use these frequencies, rerun with a higher cutoff mode (or mode + freq) value.

CALCULATED FREQUENCIES FOR LOAD CASE 8

MODE	FREQUENCY(CYCLES/SEC)	PERIOD(SEC)	ACCURACY
7	3.715	0.26921	2.692E-06
8	3.751	0.26661	4.324E-08
9	3.856	0.25934	7.542E-10
10	3.967	0.25209	6.427E-07
11	3.977	0.25146	1.498E-09
12	4.083	0.24489	1.613E-09
13	4.373	0.22869	8.525E-07
14	4.461	0.22418	9.659E-05
15	4.601	0.21735	1.911E-06
16	4.721	0.21182	5.561E-06
17	4.765	0.20986	1.499E-06

RESPONSE LOAD CASE 8

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	1.743963E-01	4.425033E-04	7.476693E+02	3.281825E+02
2	2.247885E+00	3.613835E-02	2.186090E+01	2.454373E+02
3	4.257607E+02	1.050461E-01	7.777361E+00	2.024098E+02
4	3.167964E+02	8.069705E-05	9.573535E+00	1.917925E+02
5	6.158625E-03	7.049706E+01	1.716803E-03	3.637693E+01
6	3.693293E-03	1.450100E-04	7.591571E-02	1.110519E+02

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 9.226780E+02 9.226780E+02 9.226780E+02 MTON
 MISSING WEIGHT X Y Z -1.776888E+02 -8.520391E+02 -1.357192E+02 MTON
 MODAL WEIGHT X Y Z 7.449892E+02 7.063891E+01 7.869588E+02 MTON

MODE	ACCELERATION-G	DAMPING
1	0.25009	0.05000
2	0.25009	0.05000
3	0.25009	0.05000
4	0.25009	0.05000
5	0.24665	0.05000
6	0.23827	0.05000

MODAL BASE ACTIONS

FORCES IN MTON LENGTH IN METE

MODE	PERIOD	FX	FY	FZ	MOMENTS ARE ABOUT THE ORIGIN		
					MX	MY	MZ
1	0.626	0.04	0.00	2.86	14.04	-22.70	-0.25
2	0.418	0.56	0.07	-1.75	-25.78	60.74	-2.72
3	0.385	106.48	-1.67	-14.39	23.85	2758.74	-586.63
4	0.356	79.23	0.04	13.77	28.24	581.09	-413.51
5	0.292	0.00	-0.16	0.00	3.78	-0.01	-1.00
6	0.273	0.00	-0.00	0.00	0.01	-0.07	-0.00

MASS PARTICIPATION FACTORS IN PERCENT

BASE SHEAR IN MTON

MODE	MASS PARTICIPATION FACTORS IN PERCENT						BASE SHEAR IN MTON			
	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z	
1	0.02	0.00	81.03	0.019	0.000	81.032	0.04	0.00	0.00	
2	0.24	0.00	2.37	0.263	0.004	83.402	0.56	0.00	0.00	
3	46.14	0.01	0.84	46.407	0.015	84.245	106.48	0.00	0.00	
4	34.33	0.00	1.04	80.741	0.015	85.282	79.23	0.00	0.00	
5	0.00	7.64	0.00	80.742	7.656	85.282	0.00	0.00	0.00	
6	0.00	0.00	0.01	80.742	7.656	85.291	0.00	0.00	0.00	
							TOTAL SRSS SHEAR	132.72	0.00	0.00
							TOTAL 10PCT SHEAR	186.03	0.00	0.00
							TOTAL ABS SHEAR	186.31	0.00	0.00

RESPONSE LOAD CASE 9

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	1.743963E-01	4.425033E-04	7.476693E+02	3.281825E+02
2	2.247885E+00	3.613835E-02	2.186090E+01	2.454373E+02
3	4.257607E+02	1.050461E-01	7.777361E+00	2.024098E+02
4	3.167964E+02	8.069705E-05	9.573535E+00	1.917925E+02
5	6.158625E-03	7.049706E+01	1.716803E-03	3.637693E+01
6	3.693293E-03	1.450100E-04	7.591571E-02	1.110519E+02

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 9.226780E+02 9.226780E+02 9.226780E+02 MTON
 MISSING WEIGHT X Y Z -1.776888E+02 -8.520391E+02 -1.357192E+02 MTON
 MODAL WEIGHT X Y Z 7.449892E+02 7.063891E+01 7.869588E+02 MTON

MODE	ACCELERATION-G	DAMPING
1	0.25009	0.05000
2	0.25009	0.05000
3	0.25009	0.05000
4	0.25009	0.05000
5	0.24665	0.05000
6	0.23827	0.05000

MODAL BASE ACTIONS		FORCES IN MTON LENGTH IN METE			MOMENTS ARE ABOUT THE ORIGIN		
MODE	PERIOD	FX	FY	FZ	MX	MY	MZ
1	0.626	2.86	0.14	186.98	919.43	-1486.63	-16.44
2	0.418	-1.75	-0.22	5.47	80.41	-189.42	8.49
3	0.385	-14.39	0.23	1.95	-3.22	-372.86	79.29
4	0.356	13.77	0.01	2.39	4.91	101.02	-71.88
5	0.292	0.00	-0.09	0.00	1.99	-0.01	-0.53
6	0.273	0.00	-0.00	0.02	0.04	-0.33	-0.02

MASS PARTICIPATION FACTORS IN PERCENT							BASE SHEAR IN MTON		
MODE	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	0.02	0.00	81.03	0.019	0.000	81.032	0.00	0.00	186.98
2	0.24	0.00	2.37	0.263	0.004	83.402	0.00	0.00	5.47
3	46.14	0.01	0.84	46.407	0.015	84.245	0.00	0.00	1.95
4	34.33	0.00	1.04	80.741	0.015	85.282	0.00	0.00	2.39
5	0.00	7.64	0.00	80.742	7.656	85.282	0.00	0.00	0.00
6	0.00	0.00	0.01	80.742	7.656	85.291	0.00	0.00	0.02
-----							-----		
TOTAL SRSS SHEAR							0.00	0.00	187.09
TOTAL 10PCT SHEAR							0.00	0.00	187.17
TOTAL ABS SHEAR							0.00	0.00	196.81

FOR LOADING - 1
 APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	-8.03681E-01	0.00000E+00	2.01647E-01	0.00000E+00	-4.66634E-02
3	0.00000E+00	-7.42783E-01	0.00000E+00	2.01647E-01	0.00000E+00	0.00000E+00
5	0.00000E+00	-8.70897E-01	0.00000E+00	2.01647E-01	0.00000E+00	2.42582E-02
6	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
7	0.00000E+00	-8.06524E-01	0.00000E+00	2.01647E-01	0.00000E+00	-5.95135E-03
8	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	-7.39308E-01	0.00000E+00	2.01647E-01	0.00000E+00	2.83566E-02
10	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
11	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	-1.00533E+00	0.00000E+00	0.00000E+00	0.00000E+00	-4.66634E-02
13	0.00000E+00	-9.44429E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
15	0.00000E+00	-7.95127E-01	0.00000E+00	-2.01297E-01	0.00000E+00	-2.51237E-02
16	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	0.00000E+00	-8.32614E-01	0.00000E+00	-2.01297E-01	0.00000E+00	-5.52425E-05
18	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	-9.40955E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.83566E-02
20	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	0.00000E+00	-4.14159E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
22	0.00000E+00	-4.14159E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
23	0.00000E+00	-5.48338E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	-5.48338E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
25	0.00000E+00	-4.14159E-01	0.00000E+00	1.34178E-01	0.00000E+00	-1.64813E-08
26	0.00000E+00	-4.14159E-01	0.00000E+00	1.34178E-01	0.00000E+00	3.29626E-08
27	0.00000E+00	-5.48338E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.64813E-08
28	0.00000E+00	-5.13340E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.04153E-02
29	0.00000E+00	-2.68610E-01	0.00000E+00	1.34178E-01	0.00000E+00	-1.64813E-08
30	0.00000E+00	-2.68610E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
31	0.00000E+00	-3.16052E-01	0.00000E+00	-1.33676E-01	0.00000E+00	-2.19750E-08

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
32	0.00000E+00	-3.16052E-01	0.00000E+00	-1.33676E-01	0.00000E+00	0.00000E+00
33	0.00000E+00	-2.85414E-01	0.00000E+00	1.34178E-01	0.00000E+00	-3.57094E-08
34	0.00000E+00	-4.19592E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.57094E-08
35	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.00533E+00	0.00000E+00	4.39501E-08	0.00000E+00	-4.66634E-02
37	0.00000E+00	-9.44429E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
39	0.00000E+00	-6.01883E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.51237E-02
40	0.00000E+00	-2.13340E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-6.14163E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.56984E-02
42	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-8.93904E-01	0.00000E+00	-8.31232E-02	0.00000E+00	2.83566E-02
44	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-5.48338E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
46	0.00000E+00	-5.48338E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
47	0.00000E+00	-5.48338E-01	0.00000E+00	2.19750E-08	0.00000E+00	-1.64813E-08
48	0.00000E+00	-5.13340E-01	0.00000E+00	2.19750E-08	0.00000E+00	2.04153E-02
49	0.00000E+00	-1.93940E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.19750E-08
50	0.00000E+00	-1.93940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-2.35002E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-2.52059E-02
52	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-1.00533E+00	0.00000E+00	-6.59251E-08	0.00000E+00	-4.66634E-02
54	0.00000E+00	-6.83274E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
56	0.00000E+00	-8.96987E-01	0.00000E+00	2.01297E-01	0.00000E+00	1.83621E-02
57	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-8.07408E-01	0.00000E+00	2.01297E-01	0.00000E+00	1.56984E-02
59	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-6.60330E-01	0.00000E+00	3.94331E-02	0.00000E+00	1.26029E-02
61	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-5.48338E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
63	0.00000E+00	-5.48338E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
64	0.00000E+00	-5.48338E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-1.64813E-08
65	0.00000E+00	-5.48338E-01	0.00000E+00	-4.39501E-08	0.00000E+00	3.29626E-08
66	0.00000E+00	-3.16052E-01	0.00000E+00	1.33676E-01	0.00000E+00	-2.19750E-08
67	0.00000E+00	-3.16052E-01	0.00000E+00	1.33676E-01	0.00000E+00	0.00000E+00
68	0.00000E+00	-1.99221E-01	0.00000E+00	2.62393E-02	0.00000E+00	0.00000E+00
69	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
70	0.00000E+00	-1.00533E+00	0.00000E+00	1.09875E-07	0.00000E+00	-4.66634E-02
71	0.00000E+00	-6.83274E-01	0.00000E+00	1.09875E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-1.07254E+00	0.00000E+00	1.09875E-07	0.00000E+00	2.42582E-02
74	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-9.82965E-01	0.00000E+00	1.09875E-07	0.00000E+00	9.80228E-03
76	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	-8.14926E-01	0.00000E+00	1.51235E-01	0.00000E+00	1.26029E-02
78	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	-5.48338E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
80	0.00000E+00	-5.48338E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
81	0.00000E+00	-5.48338E-01	0.00000E+00	7.69126E-08	0.00000E+00	-1.64813E-08
82	0.00000E+00	-5.48338E-01	0.00000E+00	7.69126E-08	0.00000E+00	3.29626E-08
83	0.00000E+00	-4.02788E-01	0.00000E+00	7.69126E-08	0.00000E+00	-1.64813E-08
84	0.00000E+00	-4.02788E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
85	0.00000E+00	-1.84590E-01	0.00000E+00	1.34179E-01	0.00000E+00	-1.27043E-08
86	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-1.00533E+00	0.00000E+00	-1.09875E-07	0.00000E+00	-4.66634E-02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
88	0.00000E+00	-6.83274E-01	0.00000E+00	-1.09875E-07	0.00000E+00	0.00000E+00
90	0.00000E+00	-1.07254E+00	0.00000E+00	-1.09875E-07	0.00000E+00	2.42582E-02
91	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-1.00817E+00	0.00000E+00	-1.09875E-07	0.00000E+00	-5.95135E-03
93	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-9.40955E-01	0.00000E+00	-1.09875E-07	0.00000E+00	2.83566E-02
95	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-5.48338E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
97	0.00000E+00	-5.48338E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
98	0.00000E+00	-5.48338E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-1.64813E-08
99	0.00000E+00	-5.48338E-01	0.00000E+00	-7.69126E-08	0.00000E+00	3.29626E-08
100	0.00000E+00	-4.02788E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-1.64813E-08
101	0.00000E+00	-4.02788E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
102	0.00000E+00	-4.19592E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-3.57094E-08
103	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
104	0.00000E+00	-8.03681E-01	0.00000E+00	-2.01647E-01	0.00000E+00	-4.66634E-02
105	0.00000E+00	-7.42783E-01	0.00000E+00	-2.01647E-01	0.00000E+00	0.00000E+00
107	0.00000E+00	-8.70897E-01	0.00000E+00	-2.01647E-01	0.00000E+00	2.42582E-02
108	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-8.06524E-01	0.00000E+00	-2.01647E-01	0.00000E+00	-5.95135E-03
110	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-7.39308E-01	0.00000E+00	-2.01647E-01	0.00000E+00	2.83566E-02
112	0.00000E+00	-2.00889E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	-4.14159E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
114	0.00000E+00	-4.14159E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-4.14159E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-1.64813E-08
116	0.00000E+00	-4.14159E-01	0.00000E+00	-1.34178E-01	0.00000E+00	3.29626E-08
117	0.00000E+00	-2.68610E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-1.64813E-08
118	0.00000E+00	-2.68610E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
119	0.00000E+00	-2.85414E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-3.57094E-08
120	0.00000E+00	-4.75437E-01	0.00000E+00	1.60711E-01	0.00000E+00	-1.78568E-02
121	0.00000E+00	-5.29007E-01	0.00000E+00	1.60711E-01	0.00000E+00	0.00000E+00
122	0.00000E+00	-5.29007E-01	0.00000E+00	1.60711E-01	0.00000E+00	0.00000E+00
123	0.00000E+00	-5.35703E-01	0.00000E+00	1.60711E-01	0.00000E+00	-4.74318E-03
124	0.00000E+00	-4.82133E-01	0.00000E+00	1.60711E-01	0.00000E+00	2.26000E-02
125	0.00000E+00	-6.36147E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.78568E-02
126	0.00000E+00	-7.21051E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.04445E-02
127	0.00000E+00	-7.21051E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.04445E-02
128	0.00000E+00	-6.96414E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.74318E-03
129	0.00000E+00	-6.42844E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.26000E-02
130	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
131	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
132	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
133	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
134	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	-6.86720E-09
135	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	1.23610E-08
136	0.00000E+00	-4.38165E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.09875E-08
137	0.00000E+00	-4.38165E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.19750E-08
138	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	-1.23610E-08
139	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
140	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-1.23610E-08
141	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
142	0.00000E+00	-2.54712E-01	0.00000E+00	1.34178E-01	0.00000E+00	-3.02157E-08

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
143	0.00000E+00	-3.88890E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.02157E-08
144	0.00000E+00	-6.36147E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.78568E-02
145	0.00000E+00	-7.21051E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.04445E-02
146	0.00000E+00	-6.67481E-01	0.00000E+00	3.29626E-08	0.00000E+00	2.83013E-02
147	0.00000E+00	-6.42844E-01	0.00000E+00	3.29626E-08	0.00000E+00	-2.26000E-02
148	0.00000E+00	-6.42844E-01	0.00000E+00	3.29626E-08	0.00000E+00	2.26000E-02
149	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
150	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
151	0.00000E+00	-4.38165E-01	0.00000E+00	2.19750E-08	0.00000E+00	-1.09875E-08
152	0.00000E+00	-4.38165E-01	0.00000E+00	2.19750E-08	0.00000E+00	2.19750E-08
153	0.00000E+00	-3.88890E-01	0.00000E+00	2.19750E-08	0.00000E+00	-3.02157E-08
154	0.00000E+00	-6.91234E-01	0.00000E+00	-5.49376E-08	0.00000E+00	-3.62189E-02
155	0.00000E+00	-5.38735E-01	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
156	0.00000E+00	-6.91234E-01	0.00000E+00	-5.49376E-08	0.00000E+00	3.62189E-02
157	0.00000E+00	-6.42844E-01	0.00000E+00	-5.49376E-08	0.00000E+00	-2.26000E-02
158	0.00000E+00	-6.42844E-01	0.00000E+00	-5.49376E-08	0.00000E+00	2.26000E-02
159	0.00000E+00	-4.85670E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
160	0.00000E+00	-4.85670E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
161	0.00000E+00	-4.85670E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-1.37344E-08
162	0.00000E+00	-4.85670E-01	0.00000E+00	-4.39501E-08	0.00000E+00	2.47219E-08
163	0.00000E+00	-3.88890E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-3.02157E-08
164	0.00000E+00	-6.91234E-01	0.00000E+00	8.79001E-08	0.00000E+00	-3.62189E-02
165	0.00000E+00	-5.38735E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
166	0.00000E+00	-6.91234E-01	0.00000E+00	8.79001E-08	0.00000E+00	3.62189E-02
167	0.00000E+00	-6.42844E-01	0.00000E+00	8.79001E-08	0.00000E+00	-2.26000E-02
168	0.00000E+00	-6.42844E-01	0.00000E+00	8.79001E-08	0.00000E+00	2.26000E-02
169	0.00000E+00	-4.85670E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
170	0.00000E+00	-4.85670E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
171	0.00000E+00	-4.85670E-01	0.00000E+00	7.69126E-08	0.00000E+00	-1.37344E-08
172	0.00000E+00	-4.85670E-01	0.00000E+00	7.69126E-08	0.00000E+00	2.47219E-08
173	0.00000E+00	-3.88890E-01	0.00000E+00	7.69126E-08	0.00000E+00	-3.02157E-08
174	0.00000E+00	-6.91234E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-3.62189E-02
175	0.00000E+00	-5.38735E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
176	0.00000E+00	-7.44804E-01	0.00000E+00	-8.79001E-08	0.00000E+00	1.83621E-02
177	0.00000E+00	-6.96414E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-4.74318E-03
178	0.00000E+00	-6.42844E-01	0.00000E+00	-8.79001E-08	0.00000E+00	2.26000E-02
179	0.00000E+00	-4.85670E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
180	0.00000E+00	-4.85670E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
181	0.00000E+00	-4.85670E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-1.37344E-08
182	0.00000E+00	-4.85670E-01	0.00000E+00	-7.69126E-08	0.00000E+00	2.47219E-08
183	0.00000E+00	-3.88890E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-3.02157E-08
184	0.00000E+00	-4.75436E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-1.78568E-02
185	0.00000E+00	-5.29007E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
186	0.00000E+00	-5.29007E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
187	0.00000E+00	-5.35703E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-4.74318E-03
188	0.00000E+00	-4.82133E-01	0.00000E+00	-1.60711E-01	0.00000E+00	2.26000E-02
189	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
190	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
191	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-6.86720E-09
192	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	1.23610E-08
193	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	-1.23610E-08
194	0.00000E+00	-2.41319E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
195	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-1.23610E-08

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
196	0.00000E+00	-2.41319E-01	0.00000E+00	-1.34178E-01	0.00000E+00	0.00000E+00
197	0.00000E+00	-2.54712E-01	0.00000E+00	-1.34178E-01	0.00000E+00	-3.02157E-08
198	0.00000E+00	-2.28052E-01	0.00000E+00	-1.07545E-01	0.00000E+00	0.00000E+00
199	0.00000E+00	-1.78488E-01	0.00000E+00	7.88671E-02	0.00000E+00	9.45220E-03
200	0.00000E+00	-1.99221E-01	0.00000E+00	2.62393E-02	0.00000E+00	0.00000E+00
201	0.00000E+00	-1.60584E-01	0.00000E+00	-7.15619E-02	0.00000E+00	0.00000E+00
202	0.00000E+00	-1.12676E-01	0.00000E+00	7.30527E-03	0.00000E+00	0.00000E+00
203	0.00000E+00	-1.42707E-01	0.00000E+00	-3.35446E-02	0.00000E+00	9.45220E-03
204	0.00000E+00	-2.28052E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	-1.60584E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
206	0.00000E+00	-1.48457E-01	0.00000E+00	-3.35446E-02	0.00000E+00	0.00000E+00
207	0.00000E+00	-7.56175E-02	0.00000E+00	0.00000E+00	0.00000E+00	-9.45218E-03
210	0.00000E+00	-2.84845E-01	0.00000E+00	7.54123E-03	0.00000E+00	0.00000E+00
211	0.00000E+00	-2.84845E-01	0.00000E+00	-7.54125E-03	0.00000E+00	0.00000E+00
212	0.00000E+00	-2.84845E-01	0.00000E+00	7.54123E-03	0.00000E+00	0.00000E+00
213	0.00000E+00	-2.84845E-01	0.00000E+00	-7.54125E-03	0.00000E+00	0.00000E+00
214	0.00000E+00	-2.84845E-01	0.00000E+00	7.54125E-03	0.00000E+00	0.00000E+00
215	0.00000E+00	-2.84845E-01	0.00000E+00	-7.54123E-03	0.00000E+00	0.00000E+00
216	0.00000E+00	-2.84845E-01	0.00000E+00	7.54125E-03	0.00000E+00	0.00000E+00
217	0.00000E+00	-2.84845E-01	0.00000E+00	-7.54123E-03	0.00000E+00	0.00000E+00
218	0.00000E+00	-1.70755E-01	0.00000E+00	5.25122E-03	0.00000E+00	0.00000E+00
219	0.00000E+00	-1.70755E-01	0.00000E+00	-5.25124E-03	0.00000E+00	0.00000E+00
220	0.00000E+00	-1.70755E-01	0.00000E+00	5.25122E-03	0.00000E+00	0.00000E+00
221	0.00000E+00	-1.70755E-01	0.00000E+00	-5.25124E-03	0.00000E+00	0.00000E+00
222	0.00000E+00	-1.70755E-01	0.00000E+00	5.25124E-03	0.00000E+00	0.00000E+00
223	0.00000E+00	-1.70755E-01	0.00000E+00	-5.25122E-03	0.00000E+00	0.00000E+00
224	0.00000E+00	-1.70755E-01	0.00000E+00	5.25124E-03	0.00000E+00	0.00000E+00
225	0.00000E+00	-1.70755E-01	0.00000E+00	-5.25122E-03	0.00000E+00	0.00000E+00
226	0.00000E+00	-1.11942E-01	0.00000E+00	1.68039E-02	0.00000E+00	0.00000E+00
227	0.00000E+00	-1.41254E-01	0.00000E+00	2.41319E-02	0.00000E+00	0.00000E+00
228	0.00000E+00	-1.11942E-01	0.00000E+00	-1.68039E-02	0.00000E+00	0.00000E+00
229	0.00000E+00	-1.41254E-01	0.00000E+00	2.41319E-02	0.00000E+00	0.00000E+00
230	0.00000E+00	-1.41254E-01	0.00000E+00	2.41319E-02	0.00000E+00	0.00000E+00
231	0.00000E+00	-1.11942E-01	0.00000E+00	1.68039E-02	0.00000E+00	0.00000E+00
232	0.00000E+00	-1.41254E-01	0.00000E+00	-2.41319E-02	0.00000E+00	0.00000E+00
233	0.00000E+00	-1.11942E-01	0.00000E+00	1.68039E-02	0.00000E+00	0.00000E+00
234	0.00000E+00	-1.11942E-01	0.00000E+00	1.68039E-02	0.00000E+00	0.00000E+00
235	0.00000E+00	-1.41254E-01	0.00000E+00	2.41319E-02	0.00000E+00	0.00000E+00
236	0.00000E+00	-1.11942E-01	0.00000E+00	-1.68039E-02	0.00000E+00	0.00000E+00
237	0.00000E+00	-1.41254E-01	0.00000E+00	2.41319E-02	0.00000E+00	0.00000E+00
238	0.00000E+00	-1.41254E-01	0.00000E+00	2.41319E-02	0.00000E+00	0.00000E+00
239	0.00000E+00	-1.11942E-01	0.00000E+00	1.68039E-02	0.00000E+00	0.00000E+00
240	0.00000E+00	-1.41254E-01	0.00000E+00	-2.41319E-02	0.00000E+00	0.00000E+00
241	0.00000E+00	-1.11942E-01	0.00000E+00	1.68039E-02	0.00000E+00	0.00000E+00
242	0.00000E+00	-1.43124E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.30706E-02
243	0.00000E+00	-1.43124E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.30706E-02

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 1
 LOADTYPE DEAD TITLE PP

CENTER OF FORCE BASED ON Y FORCES ONLY (METE).
 (FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.112438497E+02
 Y = 0.425111672E+01
 Z = 0.178341388E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 1)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -100.04
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 1784.11 MY= 0.00 MZ= -1124.82

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 1)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = 100.04
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -1784.11 MY= 0.00 MZ= 1124.82

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 1)

MAXIMUMS AT NODE

X = 3.68305E-03 184
 Y = -1.92480E-01 165
 Z = -2.28180E-03 3
 RX= 2.04154E-04 131
 RY= 6.44596E-06 22
 RZ= 4.17246E-04 172

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/	EXT FY/	EXT FZ/	EXT MX/	EXT MY/	EXT MZ/	
	INT FX	INT FY	INT FZ	INT MX	INT MY	INT MZ	
							SUPPORT=1
1	0.00	-0.20	0.00	0.00	0.00	0.00	
	-0.66	-3.14	-0.03	-0.03	0.00	0.52	111111
5	0.00	-0.87	0.00	0.20	0.00	0.02	
	-0.16	0.87	-0.02	-0.20	-0.00	-0.02	000000
6	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.62	-3.89	-0.03	-0.03	0.00	-0.53	111111
8	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.01	-1.93	-0.03	-0.03	0.00	-0.03	111111
10	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.06	-1.41	-0.03	-0.03	0.00	-0.07	111111
11	0.00	-0.20	0.00	0.00	0.00	0.00	
	-0.86	-4.07	0.00	0.00	0.00	0.69	111111
12	0.00	-1.01	0.00	0.00	0.00	-0.05	
	0.10	1.01	0.01	-0.00	0.00	0.05	000000

STAAD SPACE						-- PAGE NO. 60	
16	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.66	-6.04	-0.01	-0.01	0.00	-0.56	111111
18	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.10	-3.10	-0.01	-0.01	0.00	-0.11	111111
20	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.06	-2.02	0.00	0.00	0.00	-0.07	111111
35	0.00	-0.20	0.00	0.00	0.00	0.00	
	-0.84	-3.93	-0.00	-0.00	0.00	0.66	111111
36	0.00	-1.01	0.00	0.00	0.00	-0.05	
	0.11	1.01	0.01	-0.00	0.00	0.05	000000
39	0.00	-0.60	0.00	0.00	0.00	-0.03	
	0.27	0.60	0.00	0.00	-0.00	0.03	000000
40	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.54	-6.04	0.00	0.00	0.00	-0.47	111111
41	0.00	-0.61	0.00	0.00	0.00	0.02	
	-0.20	0.61	-0.00	0.00	0.00	-0.02	000000
42	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.22	-3.24	0.00	0.00	0.00	-0.20	111111
44	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.03	-1.89	-0.00	-0.00	0.00	-0.04	111111
52	0.00	-0.20	0.00	0.00	0.00	0.00	
	-0.51	-4.43	-0.00	-0.00	0.00	0.40	111111
53	0.00	-1.01	0.00	-0.00	0.00	-0.05	
	-0.57	1.01	0.01	0.00	0.00	0.05	000000
56	0.00	-0.90	0.00	0.20	0.00	0.02	
	0.61	0.90	-0.01	-0.20	-0.00	-0.02	000000
57	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.35	-5.46	0.01	0.01	0.00	-0.31	111111
58	0.00	-0.81	0.00	0.20	0.00	0.02	
	-0.13	0.81	-0.01	-0.20	0.00	-0.02	000000
59	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.10	-3.05	0.01	0.01	0.00	-0.10	111111
61	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.08	-2.19	-0.00	-0.00	0.00	-0.09	111111
69	0.00	-0.20	0.00	0.00	0.00	0.00	
	-0.47	-4.31	-0.00	-0.00	0.00	0.36	111111
70	0.00	-1.01	0.00	0.00	0.00	-0.05	
	-0.58	1.01	0.01	-0.00	0.00	0.05	000000
73	0.00	-1.07	0.00	0.00	0.00	0.02	
	0.61	1.07	0.00	-0.00	-0.00	-0.02	000000
74	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.38	-4.89	-0.00	-0.00	0.00	-0.33	111111
75	0.00	-0.98	0.00	0.00	0.00	0.01	
	-0.11	0.98	-0.00	-0.00	0.00	-0.01	000000
76	0.00	-0.20	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 61	
93	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.05	-2.69	-0.00	-0.00	0.00	-0.06	111111
95	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.06	-2.05	-0.00	-0.00	0.00	-0.07	111111
103	0.00	-0.20	0.00	0.00	0.00	0.00	
	-0.65	-3.06	0.03	0.03	0.00	0.51	111111
107	0.00	-0.87	0.00	-0.20	0.00	0.02	
	-0.11	0.87	0.02	0.20	-0.00	-0.02	000000
108	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.59	-3.87	0.03	0.03	0.00	-0.51	111111
110	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.00	-1.94	0.03	0.03	0.00	-0.02	111111
112	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.04	-1.43	0.03	0.03	0.00	-0.06	111111
120	0.00	-0.48	0.00	0.16	0.00	-0.02	
	0.64	0.48	0.05	-0.16	-0.00	0.02	000000
121	0.00	-0.53	0.00	0.16	0.00	0.00	
	-0.01	0.53	0.12	-0.16	-0.00	0.00	000000
122	0.00	-0.53	0.00	0.16	0.00	0.00	
	-0.45	0.53	0.05	-0.16	-0.00	0.00	000000
125	0.00	-0.64	0.00	0.00	0.00	-0.02	
	0.79	0.64	-0.01	-0.00	-0.00	0.02	000000
127	0.00	-0.72	0.00	0.00	0.00	0.01	
	-0.71	0.72	0.00	0.00	-0.00	-0.01	000000
144	0.00	-0.64	0.00	0.00	0.00	-0.02	
	0.75	0.64	-0.00	-0.00	-0.00	0.02	000000
146	0.00	-0.67	0.00	0.00	0.00	0.03	
	-0.79	0.67	-0.00	-0.00	-0.00	-0.03	000000
154	0.00	-0.69	0.00	-0.00	0.00	-0.04	
	1.08	0.69	-0.01	0.00	-0.00	0.04	000000
156	0.00	-0.69	0.00	-0.00	0.00	0.04	
	-0.96	0.69	-0.01	0.00	-0.00	-0.04	000000
158	0.00	-0.64	0.00	-0.00	0.00	0.02	
	-0.10	0.64	0.01	0.00	-0.00	-0.02	000000
164	0.00	-0.69	0.00	0.00	0.00	-0.04	
	1.05	0.69	-0.01	-0.00	-0.00	0.04	000000
166	0.00	-0.69	0.00	0.00	0.00	0.04	
	-1.00	0.69	-0.00	-0.00	-0.00	-0.04	000000
174	0.00	-0.69	0.00	-0.00	0.00	-0.04	
	1.05	0.69	-0.00	0.00	-0.00	0.04	000000
176	0.00	-0.74	0.00	-0.00	0.00	0.02	
	-0.86	0.74	0.00	0.00	-0.00	-0.02	000000
178	0.00	-0.64	0.00	-0.00	0.00	0.02	
	-0.10	0.64	0.01	0.00	-0.00	-0.02	000000
184	0.00	-0.48	0.00	-0.16	0.00	-0.02	

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
9	0.00000E+00	-1.47000E+00	0.00000E+00	1.47000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	-2.64000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
13	0.00000E+00	-5.28000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
15	0.00000E+00	-2.69500E+00	0.00000E+00	-2.63771E+00	0.00000E+00	0.00000E+00
17	0.00000E+00	-2.85125E+00	0.00000E+00	-2.78745E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	-2.94000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
21	0.00000E+00	-2.64000E+00	0.00000E+00	2.64000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	-2.64000E+00	0.00000E+00	2.64000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	-5.28000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
24	0.00000E+00	-5.28000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
25	0.00000E+00	-2.64000E+00	0.00000E+00	2.64000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	-2.64000E+00	0.00000E+00	2.64000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-5.28000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
28	0.00000E+00	-5.28000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
29	0.00000E+00	-2.64000E+00	0.00000E+00	2.64000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-2.64000E+00	0.00000E+00	2.64000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-2.69500E+00	0.00000E+00	-2.63771E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-2.69500E+00	0.00000E+00	-2.63771E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-2.97000E+00	0.00000E+00	2.97000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-5.94000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0.00000E+00	-2.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
37	0.00000E+00	-5.28000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
39	0.00000E+00	-1.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-1.02500E-01	0.00000E+00	-8.33335E-04	0.00000E+00	0.00000E+00
43	0.00000E+00	-1.47000E+00	0.00000E+00	-1.47000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-5.28000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
46	0.00000E+00	-5.28000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
47	0.00000E+00	-5.28000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
48	0.00000E+00	-5.28000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-1.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
50	0.00000E+00	-1.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-2.97000E+00	0.00000E+00	-2.97000E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-2.64000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
54	0.00000E+00	-5.28000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
56	0.00000E+00	-2.69500E+00	0.00000E+00	2.63771E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-2.35125E+00	0.00000E+00	2.30828E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-7.26000E-01	0.00000E+00	1.93600E-01	0.00000E+00	0.00000E+00
62	0.00000E+00	-5.28000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
63	0.00000E+00	-5.28000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
64	0.00000E+00	-5.28000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
65	0.00000E+00	-5.28000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
66	0.00000E+00	-2.69500E+00	0.00000E+00	2.63771E+00	0.00000E+00	0.00000E+00
67	0.00000E+00	-2.69500E+00	0.00000E+00	2.63771E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-1.45200E+00	0.00000E+00	3.87200E-01	0.00000E+00	0.00000E+00
70	0.00000E+00	-2.64000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
71	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
75	0.00000E+00	-5.10000E+00	0.00000E+00	4.80001E-01	0.00000E+00	0.00000E+00
77	0.00000E+00	-1.47000E+00	0.00000E+00	1.47000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
80	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
81	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
82	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
83	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
84	0.00000E+00	-5.28000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
85	0.00000E+00	-2.97000E+00	0.00000E+00	2.97000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-2.64000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
88	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
90	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
92	0.00000E+00	-5.58000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
94	0.00000E+00	-2.94000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
96	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
101	0.00000E+00	-5.28000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
102	0.00000E+00	-5.94000E+00	0.00000E+00	-1.05480E-06	0.00000E+00	0.00000E+00
104	0.00000E+00	-1.32000E+00	0.00000E+00	-1.32000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-2.79000E+00	0.00000E+00	-2.79000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-1.47000E+00	0.00000E+00	-1.47000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
118	0.00000E+00	-2.64000E+00	0.00000E+00	-2.64000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	-2.97000E+00	0.00000E+00	-2.97000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
121	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
122	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
123	0.00000E+00	-3.00000E+00	0.00000E+00	3.00000E+00	0.00000E+00	0.00000E+00
124	0.00000E+00	-1.59000E+00	0.00000E+00	1.59000E+00	0.00000E+00	0.00000E+00
125	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-4.59000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-3.18000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
130	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
137	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
138	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
139	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
141	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	-3.18000E+00	0.00000E+00	3.18000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-6.36000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
144	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-4.23000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
146	0.00000E+00	-2.82000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
147	0.00000E+00	-3.18000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
148	0.00000E+00	-3.18000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
149	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
150	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
151	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
152	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
153	0.00000E+00	-6.36000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
154	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
155	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
156	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
157	0.00000E+00	-3.18000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
158	0.00000E+00	-3.18000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
159	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
160	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
161	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
162	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
163	0.00000E+00	-6.36000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
164	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
165	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
166	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
167	0.00000E+00	-3.18000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
168	0.00000E+00	-3.18000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
169	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
171	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
172	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
173	0.00000E+00	-6.36000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
174	0.00000E+00	-2.82000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
175	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
176	0.00000E+00	-4.23000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	-4.59000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
178	0.00000E+00	-3.18000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
179	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
180	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
181	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
182	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
183	0.00000E+00	-6.36000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
184	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
185	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
186	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
187	0.00000E+00	-3.00000E+00	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-1.59000E+00	0.00000E+00	-1.59000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
190	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
192	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
193	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
194	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
196	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
197	0.00000E+00	-3.18000E+00	0.00000E+00	-3.18000E+00	0.00000E+00	0.00000E+00
198	0.00000E+00	-2.31000E-01	0.00000E+00	5.39000E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
199	0.00000E+00	-7.59000E-01	0.00000E+00	5.81900E-01	0.00000E+00	0.00000E+00
200	0.00000E+00	-1.45200E+00	0.00000E+00	3.87200E-01	0.00000E+00	0.00000E+00
201	0.00000E+00	-1.22100E+00	0.00000E+00	-4.74100E-01	0.00000E+00	0.00000E+00
202	0.00000E+00	-4.62000E-01	0.00000E+00	1.07800E-01	0.00000E+00	0.00000E+00
203	0.00000E+00	-4.95000E-01	0.00000E+00	-2.47500E-01	0.00000E+00	0.00000E+00
204	0.00000E+00	-4.95000E-01	0.00000E+00	-2.47500E-01	0.00000E+00	0.00000E+00
205	0.00000E+00	-1.48500E+00	0.00000E+00	-2.47500E-01	0.00000E+00	0.00000E+00
206	0.00000E+00	-9.90000E-01	0.00000E+00	-4.95000E-01	0.00000E+00	0.00000E+00
210	0.00000E+00	-1.70500E+00	0.00000E+00	-1.12292E-01	0.00000E+00	0.00000E+00
211	0.00000E+00	-1.70500E+00	0.00000E+00	1.12292E-01	0.00000E+00	0.00000E+00
212	0.00000E+00	-1.70500E+00	0.00000E+00	-1.12292E-01	0.00000E+00	0.00000E+00
213	0.00000E+00	-1.70500E+00	0.00000E+00	1.12292E-01	0.00000E+00	0.00000E+00
214	0.00000E+00	-1.70500E+00	0.00000E+00	-1.12292E-01	0.00000E+00	0.00000E+00
215	0.00000E+00	-1.70500E+00	0.00000E+00	1.12292E-01	0.00000E+00	0.00000E+00
216	0.00000E+00	-1.70500E+00	0.00000E+00	-1.12292E-01	0.00000E+00	0.00000E+00
217	0.00000E+00	-1.70500E+00	0.00000E+00	1.12292E-01	0.00000E+00	0.00000E+00
218	0.00000E+00	-1.70500E+00	0.00000E+00	3.43751E-02	0.00000E+00	0.00000E+00
219	0.00000E+00	-1.70500E+00	0.00000E+00	-3.43752E-02	0.00000E+00	0.00000E+00
220	0.00000E+00	-1.79875E+00	0.00000E+00	3.82813E-02	0.00000E+00	0.00000E+00
221	0.00000E+00	-1.79875E+00	0.00000E+00	-3.82814E-02	0.00000E+00	0.00000E+00
222	0.00000E+00	-1.70500E+00	0.00000E+00	3.43752E-02	0.00000E+00	0.00000E+00
223	0.00000E+00	-1.70500E+00	0.00000E+00	-3.43751E-02	0.00000E+00	0.00000E+00
224	0.00000E+00	-1.49875E+00	0.00000E+00	2.57814E-02	0.00000E+00	0.00000E+00
225	0.00000E+00	-1.49875E+00	0.00000E+00	-2.57813E-02	0.00000E+00	0.00000E+00
226	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
227	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
228	0.00000E+00	-8.80000E-01	0.00000E+00	-1.10000E-01	0.00000E+00	0.00000E+00
229	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
230	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
231	0.00000E+00	-9.30000E-01	0.00000E+00	1.22500E-01	0.00000E+00	0.00000E+00
232	0.00000E+00	-8.80000E-01	0.00000E+00	-1.10000E-01	0.00000E+00	0.00000E+00
233	0.00000E+00	-9.30000E-01	0.00000E+00	1.22500E-01	0.00000E+00	0.00000E+00
234	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
235	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
236	0.00000E+00	-8.80000E-01	0.00000E+00	-1.10000E-01	0.00000E+00	0.00000E+00
237	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
238	0.00000E+00	-8.80000E-01	0.00000E+00	1.10000E-01	0.00000E+00	0.00000E+00
239	0.00000E+00	-7.70000E-01	0.00000E+00	8.24999E-02	0.00000E+00	0.00000E+00
240	0.00000E+00	-8.80000E-01	0.00000E+00	-1.10000E-01	0.00000E+00	0.00000E+00
241	0.00000E+00	-7.70000E-01	0.00000E+00	-8.25000E-02	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 2
 LOADTYPE DEAD TITLE CM

CENTER OF FORCE BASED ON Y FORCES ONLY (METER).
 (FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.109191167E+02
 Y = 0.479868858E+01
 Z = 0.182442786E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 2)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -642.41
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 11720.27 MY= 0.00 MZ= -7014.53

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 2)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = 642.41
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -11720.27 MY= 0.00 MZ= 7014.53

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 2)

MAXIMUMS AT NODE
 X = 3.12000E-02 184
 Y = -2.22057E+00 165
 Z = -4.09935E-02 3
 RX= 4.06174E-03 131
 RY= -1.16659E-04 25
 RZ= 4.86161E-03 172

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00 -3.85	0.00 -15.39	0.00 -0.20	0.00 -0.20	0.00 -0.00	0.00 2.98	111111
2	0.00 -0.48	-1.32 1.32	0.00 -0.22	1.32 -1.32	0.00 0.03	0.00 0.00	000000
5	0.00 -1.11	-2.64 2.64	0.00 -0.49	2.64 -2.64	0.00 -0.03	0.00 -0.00	000000
6	0.00 3.74	0.00 -23.56	0.00 -0.38	0.00 -0.37	0.00 -0.00	0.00 -3.23	111111
7	0.00 0.13	-2.79 2.79	0.00 -0.53	2.79 -2.79	0.00 0.00	0.00 -0.00	000000
8	0.00 0.19	0.00 -12.29	0.00 -0.38	0.00 -0.36	0.00 -0.00	0.00 -0.33	111111
9	0.00 -0.11	-1.47 1.47	0.00 -0.29	1.47 -1.47	0.00 0.00	0.00 0.00	000000
10	0.00 0.44	0.00 -5.00	0.00 -0.19	0.00 -0.18	0.00 -0.00	0.00 -0.53	111111
11	0.00 -7.34	0.00 -25.94	0.00 -0.07	0.00 -0.07	0.00 -0.00	0.00 5.84	111111
12	0.00 0.51	-2.64 2.64	0.00 0.39	0.00 -0.00	0.00 0.04	0.00 0.00	000000
15	0.00	-2.69	0.00	-2.64	0.00	0.00	

STAAD SPACE							-- PAGE NO. 67	
16	0.00	0.00	0.00	0.00	0.00	0.00		
	5.70	-47.99	-0.02	-0.02	-0.00	-4.84	111111	
17	0.00	-2.85	0.00	-2.79	0.00	0.00		
	-0.80	2.85	0.30	2.79	0.00	-0.00	000000	
18	0.00	0.00	0.00	0.00	0.00	0.00		
	0.52	-25.20	-0.01	-0.01	-0.00	-0.60	111111	
19	0.00	-2.94	0.00	0.00	0.00	0.00		
	0.54	2.94	0.01	-0.00	0.00	-0.00	000000	
20	0.00	0.00	0.00	0.00	0.00	0.00		
	0.79	-13.25	-0.00	0.00	-0.00	-0.82	111111	
35	0.00	0.00	0.00	0.00	0.00	0.00		
	-7.22	-24.47	0.03	0.03	-0.00	5.75	111111	
36	0.00	-2.64	0.00	0.00	0.00	0.00		
	0.63	2.64	-0.23	-0.00	0.04	-0.00	000000	
39	0.00	-0.11	0.00	0.00	0.00	0.00		
	2.32	0.11	-0.05	0.00	-0.04	-0.00	000000	
40	0.00	0.00	0.00	0.00	0.00	0.00		
	5.45	-40.50	0.02	0.02	-0.00	-4.63	111111	
41	0.00	-0.10	0.00	-0.00	0.00	0.00		
	-1.62	0.10	-0.10	0.00	0.00	-0.00	000000	
42	0.00	0.00	0.00	0.00	0.00	0.00		
	0.90	-16.73	0.10	0.10	-0.00	-0.90	111111	
43	0.00	-1.47	0.00	-1.47	0.00	0.00		
	0.86	1.47	-0.17	1.47	0.00	0.00	000000	
44	0.00	0.00	0.00	0.00	0.00	0.00		
	0.18	-8.94	0.25	0.25	-0.00	-0.31	111111	
52	0.00	0.00	0.00	0.00	0.00	0.00		
	-4.17	-33.60	-0.04	-0.04	-0.00	3.25	111111	
53	0.00	-2.64	0.00	-0.00	0.00	0.00		
	-7.13	2.64	0.10	0.00	0.04	-0.00	000000	
56	0.00	-2.69	0.00	2.64	0.00	0.00		
	7.26	2.69	-0.00	-2.64	-0.04	-0.00	000000	
57	0.00	0.00	0.00	0.00	0.00	0.00		
	3.00	-42.04	-0.01	-0.00	-0.00	-2.62	111111	
58	0.00	-2.35	0.00	2.31	0.00	0.00		
	-1.57	2.35	-0.01	-2.31	0.00	0.00	000000	
59	0.00	0.00	0.00	0.00	0.00	0.00		
	0.83	-19.20	0.00	0.00	-0.00	-0.84	111111	
60	0.00	-0.73	0.00	0.19	0.00	0.00		
	0.81	0.73	0.02	-0.19	0.00	0.00	000000	
61	0.00	0.00	0.00	0.00	0.00	0.00		
	0.44	-10.28	-0.11	-0.10	-0.00	-0.52	111111	
69	0.00	0.00	0.00	0.00	0.00	0.00		
	-3.74	-32.35	-0.02	-0.02	-0.00	2.90	111111	
70	0.00	-2.64	0.00	0.00	0.00	0.00		

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78	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-9.49	-0.10	-0.10	-0.00	-0.26	111111
86	0.00	0.00	0.00	0.00	0.00	0.00	
	-4.41	-33.67	-0.02	-0.02	-0.00	3.46	111111
87	0.00	-2.64	0.00	-0.00	0.00	0.00	
	-6.57	2.64	0.04	0.00	0.05	0.00	000000
90	0.00	-5.28	0.00	-0.00	0.00	0.00	
	5.40	5.28	-0.31	0.00	-0.05	0.00	000000
91	0.00	0.00	0.00	0.00	0.00	0.00	
	3.34	-49.71	0.03	0.03	-0.00	-2.89	111111
92	0.00	-5.58	0.00	-0.00	0.00	0.00	
	-0.99	5.58	-0.34	0.00	0.00	-0.00	000000
93	0.00	0.00	0.00	0.00	0.00	0.00	
	0.73	-25.00	0.04	0.04	-0.00	-0.75	111111
94	0.00	-2.94	0.00	-0.00	0.00	0.00	
	0.86	2.94	-0.09	0.00	0.00	0.00	000000
95	0.00	0.00	0.00	0.00	0.00	0.00	
	0.65	-13.38	0.02	0.02	-0.00	-0.68	111111
103	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.85	-14.41	0.18	0.17	-0.00	3.00	111111
104	0.00	-1.32	0.00	-1.32	0.00	0.00	
	0.11	1.32	0.28	1.32	0.04	0.00	000000
107	0.00	-2.64	0.00	-2.64	0.00	0.00	
	-0.61	2.64	0.49	2.64	-0.04	-0.00	000000
108	0.00	0.00	0.00	0.00	0.00	0.00	
	3.48	-23.40	0.37	0.37	-0.00	-3.00	111111
109	0.00	-2.79	0.00	-2.79	0.00	0.00	
	0.55	2.79	0.49	2.79	0.00	0.00	000000
110	0.00	0.00	0.00	0.00	0.00	0.00	
	0.06	-12.25	0.39	0.38	-0.00	-0.20	111111
111	0.00	-1.47	0.00	-1.47	0.00	0.00	
	0.26	1.47	0.21	1.47	0.00	0.00	000000
112	0.00	0.00	0.00	0.00	0.00	0.00	
	0.27	-5.18	0.23	0.23	-0.00	-0.38	111111
120	0.00	-1.41	0.00	1.41	0.00	0.00	
	4.42	1.41	0.41	-1.41	-0.00	-0.00	000000
121	0.00	-2.82	0.00	2.82	0.00	0.00	
	-0.18	2.82	1.98	-2.82	-0.00	0.00	000000
122	0.00	-2.82	0.00	2.82	0.00	0.00	
	-2.53	2.82	0.86	-2.82	-0.00	-0.00	000000
123	0.00	-3.00	0.00	3.00	0.00	0.00	
	-0.32	3.00	0.90	-3.00	-0.00	0.00	000000
124	0.00	-1.59	0.00	1.59	0.00	0.00	
	-0.32	1.59	0.48	-1.59	-0.00	0.00	000000
125	0.00	-1.41	0.00	-1.41	0.00	0.00	

STAAD SPACE

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145	0.00	-4.23	0.00	1.41	0.00	0.00	
	0.04	4.23	0.11	-1.41	-0.00	0.00	000000
146	0.00	-2.82	0.00	0.00	0.00	0.00	
	-7.79	2.82	0.01	-0.00	-0.00	-0.00	000000
147	0.00	-3.18	0.00	0.00	0.00	0.00	
	0.72	3.18	0.00	-0.00	-0.00	0.00	000000
148	0.00	-3.18	0.00	0.00	0.00	0.00	
	-1.04	3.18	-0.08	-0.00	-0.00	0.00	000000
154	0.00	-2.82	0.00	-0.00	0.00	0.00	
	11.29	2.82	-0.08	0.00	-0.00	-0.00	000000
156	0.00	-2.82	0.00	-0.00	0.00	0.00	
	-10.26	2.82	-0.01	0.00	-0.00	-0.00	000000
157	0.00	-3.18	0.00	0.00	0.00	0.00	
	0.74	3.18	0.01	-0.00	-0.00	0.00	000000
158	0.00	-3.18	0.00	0.00	0.00	0.00	
	-1.25	3.18	0.09	-0.00	-0.00	-0.00	000000
164	0.00	-2.82	0.00	0.00	0.00	0.00	
	11.18	2.82	-0.06	-0.00	-0.00	0.00	000000
166	0.00	-2.82	0.00	0.00	0.00	0.00	
	-10.60	2.82	-0.04	-0.00	-0.00	-0.00	000000
167	0.00	-3.18	0.00	0.00	0.00	0.00	
	0.52	3.18	0.01	-0.00	-0.00	0.00	000000
168	0.00	-3.18	0.00	0.00	0.00	0.00	
	-1.12	3.18	0.09	-0.00	-0.00	-0.00	000000
174	0.00	-2.82	0.00	-0.00	0.00	0.00	
	10.98	2.82	-0.04	0.00	-0.00	-0.00	000000
176	0.00	-4.23	0.00	1.41	0.00	0.00	
	-8.75	4.23	0.26	-1.41	-0.00	0.00	000000
177	0.00	-4.59	0.00	1.41	0.00	0.00	
	0.26	4.59	0.30	-1.41	-0.00	-0.00	000000
178	0.00	-3.18	0.00	-0.00	0.00	0.00	
	-1.50	3.18	0.07	0.00	-0.00	-0.00	000000
184	0.00	-1.41	0.00	-1.41	0.00	0.00	
	3.90	1.41	-0.48	1.41	-0.00	0.00	000000
185	0.00	-2.82	0.00	-2.82	0.00	0.00	
	-0.32	2.82	-2.12	2.82	-0.00	0.00	000000
186	0.00	-2.82	0.00	-2.82	0.00	0.00	
	-2.71	2.82	-0.89	2.82	-0.00	0.00	000000
187	0.00	-3.00	0.00	-3.00	0.00	0.00	
	-0.61	3.00	-0.88	3.00	-0.00	0.00	000000
188	0.00	-1.59	0.00	-1.59	0.00	0.00	
	-0.54	1.59	-0.43	1.59	-0.00	-0.00	000000

FOR LOADING - 3

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-7.50000E-01	0.00000E+00	7.50000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
21	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
25	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-1.53125E+00	0.00000E+00	-1.49870E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-1.53125E+00	0.00000E+00	-1.49870E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-1.68000E+00	0.00000E+00	1.68000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-3.36000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.50000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
37	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
39	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-5.87501E-02	0.00000E+00	-4.68751E-04	0.00000E+00	0.00000E+00
43	0.00000E+00	-8.40000E-01	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00
45	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
46	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
47	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
48	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
50	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.68000E+00	0.00000E+00	-1.68000E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-1.53125E+00	0.00000E+00	1.49870E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-1.34375E+00	0.00000E+00	1.31901E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-4.18000E-01	0.00000E+00	1.11467E-01	0.00000E+00	0.00000E+00
62	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-1.53125E+00	0.00000E+00	1.49870E+00	0.00000E+00	0.00000E+00
67	0.00000E+00	-1.53125E+00	0.00000E+00	1.49870E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-8.36000E-01	0.00000E+00	2.22933E-01	0.00000E+00	0.00000E+00
70	0.00000E+00	-1.50000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
71	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
75	0.00000E+00	-2.91000E+00	0.00000E+00	2.70001E-01	0.00000E+00	0.00000E+00
77	0.00000E+00	-8.40000E-01	0.00000E+00	8.40000E-01	0.00000E+00	0.00000E+00
79	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
80	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
81	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
82	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
83	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
84	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
85	0.00000E+00	-1.68000E+00	0.00000E+00	1.68000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-1.50000E+00	0.00000E+00	-2.63700E-07	0.00000E+00	0.00000E+00
88	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
90	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
92	0.00000E+00	-3.18000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
94	0.00000E+00	-1.68000E+00	0.00000E+00	-2.63700E-07	0.00000E+00	0.00000E+00
96	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
101	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
102	0.00000E+00	-3.36000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
104	0.00000E+00	-7.50000E-01	0.00000E+00	-7.50000E-01	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-1.59000E+00	0.00000E+00	-1.59000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-8.40000E-01	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
118	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	-1.68000E+00	0.00000E+00	-1.68000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
121	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
122	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
123	0.00000E+00	-6.30000E-01	0.00000E+00	6.30000E-01	0.00000E+00	0.00000E+00
124	0.00000E+00	-3.30000E-01	0.00000E+00	3.30000E-01	0.00000E+00	0.00000E+00
125	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
126	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
127	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
128	0.00000E+00	-9.60000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
129	0.00000E+00	-6.60000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
130	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
131	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
132	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
133	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
134	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
135	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
136	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
137	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
138	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
139	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
140	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
141	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
142	0.00000E+00	-6.60000E-01	0.00000E+00	6.60000E-01	0.00000E+00	0.00000E+00
143	0.00000E+00	-1.32000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
144	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
145	0.00000E+00	-9.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
146	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
147	0.00000E+00	-6.60000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
148	0.00000E+00	-6.60000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
149	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
150	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
151	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
152	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
153	0.00000E+00	-1.32000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
154	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
155	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	0.00000E+00	-6.60000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
158	0.00000E+00	-6.60000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
159	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-1.32000E+00	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
164	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
165	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
166	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
167	0.00000E+00	-6.60000E-01	0.00000E+00	1.09875E-07	0.00000E+00	0.00000E+00
168	0.00000E+00	-6.60000E-01	0.00000E+00	1.09875E-07	0.00000E+00	0.00000E+00
169	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
171	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
172	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
173	0.00000E+00	-1.32000E+00	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
174	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
175	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
176	0.00000E+00	-9.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
177	0.00000E+00	-9.60000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
178	0.00000E+00	-6.60000E-01	0.00000E+00	-1.09875E-07	0.00000E+00	0.00000E+00
179	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
180	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
181	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
182	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
183	0.00000E+00	-1.32000E+00	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
184	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
185	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
186	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
187	0.00000E+00	-6.30000E-01	0.00000E+00	-6.30000E-01	0.00000E+00	0.00000E+00
188	0.00000E+00	-3.30000E-01	0.00000E+00	-3.30000E-01	0.00000E+00	0.00000E+00
189	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
190	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
191	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
192	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
193	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
194	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
195	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
196	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
197	0.00000E+00	-6.60000E-01	0.00000E+00	-6.60000E-01	0.00000E+00	0.00000E+00
198	0.00000E+00	-1.33000E-01	0.00000E+00	3.10333E-02	0.00000E+00	0.00000E+00
199	0.00000E+00	-4.37000E-01	0.00000E+00	3.35033E-01	0.00000E+00	0.00000E+00
200	0.00000E+00	-8.36000E-01	0.00000E+00	2.22933E-01	0.00000E+00	0.00000E+00
201	0.00000E+00	-7.03000E-01	0.00000E+00	-2.72967E-01	0.00000E+00	0.00000E+00
202	0.00000E+00	-2.66000E-01	0.00000E+00	6.20666E-02	0.00000E+00	0.00000E+00
203	0.00000E+00	-2.85000E-01	0.00000E+00	-1.42500E-01	0.00000E+00	0.00000E+00
204	0.00000E+00	-2.85000E-01	0.00000E+00	-1.42500E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
205	0.00000E+00	-8.55000E-01	0.00000E+00	-1.42500E-01	0.00000E+00	0.00000E+00
206	0.00000E+00	-5.70000E-01	0.00000E+00	-2.85000E-01	0.00000E+00	0.00000E+00
210	0.00000E+00	-9.68750E-01	0.00000E+00	-6.38021E-02	0.00000E+00	0.00000E+00
211	0.00000E+00	-9.68750E-01	0.00000E+00	6.38020E-02	0.00000E+00	0.00000E+00
212	0.00000E+00	-9.68750E-01	0.00000E+00	-6.38021E-02	0.00000E+00	0.00000E+00
213	0.00000E+00	-9.68750E-01	0.00000E+00	6.38020E-02	0.00000E+00	0.00000E+00
214	0.00000E+00	-9.68750E-01	0.00000E+00	-6.38020E-02	0.00000E+00	0.00000E+00
215	0.00000E+00	-9.68750E-01	0.00000E+00	6.38021E-02	0.00000E+00	0.00000E+00
216	0.00000E+00	-9.68750E-01	0.00000E+00	-6.38020E-02	0.00000E+00	0.00000E+00
217	0.00000E+00	-9.68750E-01	0.00000E+00	6.38021E-02	0.00000E+00	0.00000E+00
218	0.00000E+00	-9.68750E-01	0.00000E+00	1.95313E-02	0.00000E+00	0.00000E+00
219	0.00000E+00	-9.68750E-01	0.00000E+00	-1.95313E-02	0.00000E+00	0.00000E+00
220	0.00000E+00	-1.02500E+00	0.00000E+00	2.18750E-02	0.00000E+00	0.00000E+00
221	0.00000E+00	-1.02500E+00	0.00000E+00	-2.18751E-02	0.00000E+00	0.00000E+00
222	0.00000E+00	-9.68750E-01	0.00000E+00	1.95313E-02	0.00000E+00	0.00000E+00
223	0.00000E+00	-9.68750E-01	0.00000E+00	-1.95313E-02	0.00000E+00	0.00000E+00
224	0.00000E+00	-8.56250E-01	0.00000E+00	1.48438E-02	0.00000E+00	0.00000E+00
225	0.00000E+00	-8.56250E-01	0.00000E+00	-1.48438E-02	0.00000E+00	0.00000E+00
226	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
227	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
228	0.00000E+00	-5.00000E-01	0.00000E+00	-6.25000E-02	0.00000E+00	0.00000E+00
229	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
230	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
231	0.00000E+00	-5.30000E-01	0.00000E+00	7.00000E-02	0.00000E+00	0.00000E+00
232	0.00000E+00	-5.00000E-01	0.00000E+00	-6.25000E-02	0.00000E+00	0.00000E+00
233	0.00000E+00	-5.30000E-01	0.00000E+00	-6.99999E-02	0.00000E+00	0.00000E+00
234	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
235	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
236	0.00000E+00	-5.00000E-01	0.00000E+00	-6.25000E-02	0.00000E+00	0.00000E+00
237	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
238	0.00000E+00	-5.00000E-01	0.00000E+00	6.25000E-02	0.00000E+00	0.00000E+00
239	0.00000E+00	-4.40000E-01	0.00000E+00	4.75000E-02	0.00000E+00	0.00000E+00
240	0.00000E+00	-5.00000E-01	0.00000E+00	-6.25000E-02	0.00000E+00	0.00000E+00
241	0.00000E+00	-4.40000E-01	0.00000E+00	-4.75000E-02	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 3
 LOADTYPE LIVE TITLE CV MAX

CENTER OF FORCE BASED ON Y FORCES ONLY (METE).
 (FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.109288423E+02
 Y = 0.394168606E+01
 Z = 0.181352044E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 3)
 SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -259.42
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
 MX= 4704.71 MY= 0.00 MZ= -2835.20

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 3)
 SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = 259.42
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
 MX= -4704.71 MY= -0.00 MZ= 2835.20

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 3)
 MAXIMUMS AT NODE
 X = 1.29357E-02 197
 Y = -6.08299E-01 88
 Z = -1.88653E-02 3
 RX= -1.59084E-03 114
 RY= 5.24231E-05 22
 RZ= -1.35427E-03 132

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/	EXT FY/	EXT FZ/	EXT MX/	EXT MY/	EXT MZ/	
	INT FX	INT FY	INT FZ	INT MX	INT MY	INT MZ	
	SUPPORT=1						
1	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.59	-5.81	-0.14	-0.13	0.00	1.24	111111
5	0.00	-1.50	0.00	1.50	0.00	0.00	
	-0.41	1.50	-0.00	-1.50	-0.02	-0.00	000000
6	0.00	0.00	0.00	0.00	0.00	0.00	
	1.43	-8.96	-0.28	-0.27	0.00	-1.24	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	0.14	-4.58	-0.29	-0.28	0.00	-0.18	111111
9	0.00	-0.84	0.00	0.84	0.00	0.00	
	-0.14	0.84	-0.00	-0.84	0.00	0.00	000000
10	0.00	0.00	0.00	0.00	0.00	0.00	
	0.23	-1.91	-0.15	-0.14	0.00	-0.26	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.23	-11.10	-0.00	0.00	0.00	2.57	111111
12	0.00	-1.50	0.00	0.00	0.00	0.00	
	0.59	1.50	0.08	0.00	0.02	0.00	000000
15	0.00	-1.53	0.00	-1.50	0.00	0.00	
	0.22	1.53	0.04	1.50	-0.02	-0.00	000000
16	0.00	0.00	0.00	0.00	0.00	0.00	
	2.37	-19.81	0.02	0.02	0.00	-2.01	111111
17	0.00	-1.62	0.00	-1.59	0.00	0.00	
	-0.32	1.62	0.05	1.59	0.00	-0.00	000000
18	0.00	0.00	0.00	0.00	0.00	0.00	
	0.30	-10.55	0.02	0.02	0.00	-0.32	111111

STAAD SPACE						-- PAGE NO. 75	
20	0.00	0.00	0.00	0.00	0.00	0.00	
	0.51	-5.10	0.00	0.00	0.00	-0.49	111111
35	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.14	-10.52	0.01	0.01	0.00	2.49	111111
36	0.00	-1.50	0.00	0.00	0.00	0.00	
	0.60	1.50	-0.04	-0.00	0.02	0.00	000000
39	0.00	-0.06	0.00	0.00	0.00	0.00	
	0.59	0.06	-0.01	0.00	-0.02	0.00	000000
40	0.00	0.00	0.00	0.00	0.00	0.00	
	2.32	-17.40	0.00	0.00	0.00	-1.97	111111
41	0.00	-0.06	0.00	-0.00	0.00	0.00	
	-0.51	0.06	-0.03	0.00	0.00	0.00	000000
42	0.00	0.00	0.00	0.00	0.00	0.00	
	0.46	-7.47	0.04	0.04	0.00	-0.45	111111
44	0.00	0.00	0.00	0.00	0.00	0.00	
	0.18	-2.80	0.13	0.13	0.00	-0.22	111111
52	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.96	-12.78	-0.01	-0.00	0.00	2.34	111111
53	0.00	-1.50	0.00	0.00	0.00	0.00	
	-0.60	1.50	0.03	-0.00	0.02	-0.00	000000
56	0.00	-1.53	0.00	1.50	0.00	0.00	
	0.83	1.53	-0.00	-1.50	-0.02	-0.00	000000
57	0.00	0.00	0.00	0.00	0.00	0.00	
	2.18	-18.08	-0.00	-0.00	0.00	-1.86	111111
58	0.00	-1.34	0.00	1.32	0.00	0.00	
	-0.43	1.34	-0.00	-1.32	0.00	0.00	000000
59	0.00	0.00	0.00	0.00	0.00	0.00	
	0.33	-8.56	-0.00	-0.00	0.00	-0.35	111111
61	0.00	0.00	0.00	0.00	0.00	0.00	
	0.35	-3.55	-0.07	-0.07	0.00	-0.37	111111
69	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.05	-12.37	0.00	0.00	0.00	2.41	111111
70	0.00	-1.50	0.00	0.00	0.00	0.00	
	-0.31	1.50	0.01	-0.00	0.02	0.00	000000
73	0.00	-3.00	0.00	0.00	0.00	0.00	
	0.60	3.00	0.00	-0.00	-0.02	0.00	000000
74	0.00	0.00	0.00	0.00	0.00	0.00	
	2.33	-17.61	-0.00	0.00	0.00	-1.99	111111
75	0.00	-2.91	0.00	0.27	0.00	0.00	
	-0.49	2.91	0.02	-0.27	0.00	0.00	000000
76	0.00	0.00	0.00	0.00	0.00	0.00	
	0.49	-7.79	-0.04	-0.04	0.00	-0.48	111111
77	0.00	-0.84	0.00	0.84	0.00	0.00	
	0.11	0.84	0.02	-0.84	0.00	0.00	000000
78	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE							-- PAGE NO. 76	
93	0.00	0.00	0.00	0.00	0.00	0.00		
	0.32	-10.56	-0.01	-0.01	0.00	-0.34	111111	
95	0.00	0.00	0.00	0.00	0.00	0.00		
	0.49	-5.13	-0.01	-0.01	0.00	-0.48	111111	
103	0.00	0.00	0.00	0.00	0.00	0.00		
	-1.54	-5.48	0.14	0.14	0.00	1.17	111111	
104	0.00	-0.75	0.00	-0.75	0.00	0.00		
	0.21	0.75	0.01	0.75	0.02	0.00	000000	
107	0.00	-1.50	0.00	-1.50	0.00	0.00		
	-0.24	1.50	-0.00	1.50	-0.02	0.00	000000	
108	0.00	0.00	0.00	0.00	0.00	0.00		
	1.35	-8.85	0.28	0.27	0.00	-1.20	111111	
110	0.00	0.00	0.00	0.00	0.00	0.00		
	0.12	-4.58	0.29	0.28	0.00	-0.19	111111	
112	0.00	0.00	0.00	0.00	0.00	0.00		
	0.19	-1.99	0.16	0.15	0.00	-0.25	111111	
120	0.00	-0.30	0.00	0.30	0.00	0.00		
	1.57	0.30	0.12	-0.30	-0.00	0.00	000000	
121	0.00	-0.60	0.00	0.60	0.00	0.00		
	-0.03	0.60	0.81	-0.60	-0.00	0.00	000000	
122	0.00	-0.60	0.00	0.60	0.00	0.00		
	-1.01	0.60	0.27	-0.60	-0.00	-0.00	000000	
123	0.00	-0.63	0.00	0.63	0.00	0.00		
	-0.06	0.63	0.28	-0.63	-0.00	0.00	000000	
124	0.00	-0.33	0.00	0.33	0.00	0.00		
	-0.09	0.33	0.15	-0.33	-0.00	0.00	000000	
125	0.00	-0.30	0.00	-0.30	0.00	0.00		
	2.76	0.30	-0.08	0.30	-0.00	-0.00	000000	
126	0.00	-0.90	0.00	-0.30	0.00	0.00		
	-0.23	0.90	0.19	0.30	-0.00	-0.00	000000	
127	0.00	-0.90	0.00	-0.30	0.00	0.00		
	-2.48	0.90	-0.07	0.30	-0.00	-0.00	000000	
129	0.00	-0.66	0.00	0.00	0.00	0.00		
	-0.41	0.66	0.00	-0.00	-0.00	-0.00	000000	
144	0.00	-0.30	0.00	0.30	0.00	0.00		
	2.64	0.30	0.03	-0.30	-0.00	0.00	000000	
145	0.00	-0.90	0.00	0.30	0.00	0.00		
	-0.21	0.90	-0.14	-0.30	-0.00	-0.00	000000	
146	0.00	-0.60	0.00	0.00	0.00	0.00		
	-2.80	0.60	-0.00	-0.00	-0.00	-0.00	000000	
148	0.00	-0.66	0.00	0.00	0.00	0.00		
	-0.26	0.66	-0.05	-0.00	-0.00	-0.00	000000	
154	0.00	-0.60	0.00	0.00	0.00	0.00		
	3.56	0.60	-0.03	-0.00	-0.00	-0.00	000000	
156	0.00	-0.60	0.00	0.00	0.00	0.00		

STAAD SPACE

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176	0.00	-0.90	0.00	0.30	0.00	0.00	
	-2.70	0.90	0.05	-0.30	-0.00	-0.00	000000
178	0.00	-0.66	0.00	-0.00	0.00	0.00	
	-0.46	0.66	0.02	0.00	-0.00	0.00	000000
184	0.00	-0.30	0.00	-0.30	0.00	0.00	
	1.39	0.30	-0.16	0.30	-0.00	0.00	000000
185	0.00	-0.60	0.00	-0.60	0.00	0.00	
	-0.11	0.60	-0.72	0.60	-0.00	-0.00	000000
186	0.00	-0.60	0.00	-0.60	0.00	0.00	
	-1.05	0.60	-0.28	0.60	-0.00	0.00	000000
187	0.00	-0.63	0.00	-0.63	0.00	0.00	
	-0.18	0.63	-0.28	0.63	-0.00	0.00	000000
188	0.00	-0.33	0.00	-0.33	0.00	0.00	
	-0.17	0.33	-0.14	0.33	-0.00	0.00	000000

FOR LOADING - 4

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-5.40000E-01	0.00000E+00	5.40000E-01	0.00000E+00	0.00000E+00
3	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
5	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
7	0.00000E+00	-1.14000E+00	0.00000E+00	1.14000E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
12	0.00000E+00	-1.08000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
13	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
15	0.00000E+00	-1.10250E+00	0.00000E+00	-1.07906E+00	0.00000E+00	0.00000E+00
17	0.00000E+00	-1.16500E+00	0.00000E+00	-1.13896E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
21	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
24	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
25	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
28	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
29	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-1.10250E+00	0.00000E+00	-1.07906E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-1.10250E+00	0.00000E+00	-1.07906E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-1.20000E+00	0.00000E+00	1.20000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-2.40000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.08000E+00	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
37	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
39	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-4.25000E-02	0.00000E+00	-3.12501E-04	0.00000E+00	0.00000E+00
43	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
45	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
46	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
47	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
48	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
50	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.20000E+00	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-1.08000E+00	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
54	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
56	0.00000E+00	-1.10250E+00	0.00000E+00	1.07906E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-9.77500E-01	0.00000E+00	9.59271E-01	0.00000E+00	0.00000E+00
60	0.00000E+00	-3.08000E-01	0.00000E+00	8.21333E-02	0.00000E+00	0.00000E+00
62	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
63	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
64	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
65	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
66	0.00000E+00	-1.10250E+00	0.00000E+00	1.07906E+00	0.00000E+00	0.00000E+00
67	0.00000E+00	-1.10250E+00	0.00000E+00	1.07906E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-5.94000E-01	0.00000E+00	1.58400E-01	0.00000E+00	0.00000E+00
70	0.00000E+00	-1.08000E+00	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
71	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
75	0.00000E+00	-2.10000E+00	0.00000E+00	1.80000E-01	0.00000E+00	0.00000E+00
77	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
79	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
80	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
81	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
82	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
83	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
84	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
85	0.00000E+00	-1.20000E+00	0.00000E+00	1.20000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-1.08000E+00	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
88	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
90	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
92	0.00000E+00	-2.28000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
94	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
96	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
101	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
102	0.00000E+00	-2.40000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
104	0.00000E+00	-5.40000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-1.14000E+00	0.00000E+00	-1.14000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
118	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	-1.20000E+00	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
121	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
122	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
123	0.00000E+00	-4.50000E-01	0.00000E+00	4.50000E-01	0.00000E+00	0.00000E+00
124	0.00000E+00	-2.40000E-01	0.00000E+00	2.40000E-01	0.00000E+00	0.00000E+00
125	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
126	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
127	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
128	0.00000E+00	-6.90000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
129	0.00000E+00	-4.80000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
130	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
131	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
132	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
133	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
134	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
135	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
136	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
137	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
138	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
139	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
140	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
141	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
142	0.00000E+00	-4.80000E-01	0.00000E+00	4.80000E-01	0.00000E+00	0.00000E+00
143	0.00000E+00	-9.60000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
144	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
145	0.00000E+00	-6.30000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
146	0.00000E+00	-4.20000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
147	0.00000E+00	-4.80000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
148	0.00000E+00	-4.80000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
149	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
150	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
151	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
152	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
153	0.00000E+00	-9.60000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
154	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
155	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
156	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
157	0.00000E+00	-4.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-4.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
160	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
161	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
162	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
163	0.00000E+00	-9.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
164	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
165	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
166	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
167	0.00000E+00	-4.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
168	0.00000E+00	-4.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
169	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
171	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
172	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
173	0.00000E+00	-9.60000E-01	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
174	0.00000E+00	-4.20000E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
175	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
176	0.00000E+00	-6.30000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
177	0.00000E+00	-6.90000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
178	0.00000E+00	-4.80000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
179	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
180	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
181	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
182	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
183	0.00000E+00	-9.60000E-01	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
184	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
185	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
186	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
187	0.00000E+00	-4.50000E-01	0.00000E+00	-4.50000E-01	0.00000E+00	0.00000E+00
188	0.00000E+00	-2.40000E-01	0.00000E+00	-2.40000E-01	0.00000E+00	0.00000E+00
189	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
190	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
191	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
192	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
193	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
194	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
195	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
196	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
197	0.00000E+00	-4.80000E-01	0.00000E+00	-4.80000E-01	0.00000E+00	0.00000E+00
198	0.00000E+00	-9.80000E-02	0.00000E+00	2.28667E-02	0.00000E+00	0.00000E+00
199	0.00000E+00	-3.22000E-01	0.00000E+00	2.46867E-01	0.00000E+00	0.00000E+00
200	0.00000E+00	-5.94000E-01	0.00000E+00	1.58400E-01	0.00000E+00	0.00000E+00
201	0.00000E+00	-5.11000E-01	0.00000E+00	-2.02767E-01	0.00000E+00	0.00000E+00
202	0.00000E+00	-1.89000E-01	0.00000E+00	4.41000E-02	0.00000E+00	0.00000E+00
203	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
204	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
205	0.00000E+00	-6.15000E-01	0.00000E+00	-9.75000E-02	0.00000E+00	0.00000E+00
206	0.00000E+00	-4.05000E-01	0.00000E+00	-2.02500E-01	0.00000E+00	0.00000E+00
210	0.00000E+00	-6.97500E-01	0.00000E+00	-4.59375E-02	0.00000E+00	0.00000E+00
211	0.00000E+00	-6.97500E-01	0.00000E+00	4.59375E-02	0.00000E+00	0.00000E+00
212	0.00000E+00	-6.97500E-01	0.00000E+00	-4.59375E-02	0.00000E+00	0.00000E+00
213	0.00000E+00	-6.97500E-01	0.00000E+00	4.59375E-02	0.00000E+00	0.00000E+00
214	0.00000E+00	-6.97500E-01	0.00000E+00	-4.59375E-02	0.00000E+00	0.00000E+00
215	0.00000E+00	-6.97500E-01	0.00000E+00	4.59375E-02	0.00000E+00	0.00000E+00
216	0.00000E+00	-6.97500E-01	0.00000E+00	-4.59375E-02	0.00000E+00	0.00000E+00
217	0.00000E+00	-6.97500E-01	0.00000E+00	4.59375E-02	0.00000E+00	0.00000E+00
218	0.00000E+00	-6.97500E-01	0.00000E+00	1.40625E-02	0.00000E+00	0.00000E+00
219	0.00000E+00	-6.97500E-01	0.00000E+00	-1.40625E-02	0.00000E+00	0.00000E+00
220	0.00000E+00	-7.35000E-01	0.00000E+00	1.56250E-02	0.00000E+00	0.00000E+00
221	0.00000E+00	-7.35000E-01	0.00000E+00	-1.56251E-02	0.00000E+00	0.00000E+00
222	0.00000E+00	-6.97500E-01	0.00000E+00	1.40625E-02	0.00000E+00	0.00000E+00
223	0.00000E+00	-6.97500E-01	0.00000E+00	-1.40625E-02	0.00000E+00	0.00000E+00
224	0.00000E+00	-6.22500E-01	0.00000E+00	1.09375E-02	0.00000E+00	0.00000E+00
225	0.00000E+00	-6.22500E-01	0.00000E+00	-1.09375E-02	0.00000E+00	0.00000E+00
226	0.00000E+00	-3.60000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
227	0.00000E+00	-3.60000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
228	0.00000E+00	-3.60000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
229	0.00000E+00	-3.60000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
230	0.00000E+00	-3.60000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
231	0.00000E+00	-3.80000E-01	0.00000E+00	5.00000E-02	0.00000E+00	0.00000E+00
232	0.00000E+00	-3.60000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
233	0.00000E+00	-3.80000E-01	0.00000E+00	-5.00000E-02	0.00000E+00	0.00000E+00
234	0.00000E+00	-3.60000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
235	0.00000E+00	-3.60000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
236	0.00000E+00	-3.60000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
237	0.00000E+00	-3.60000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
238	0.00000E+00	-3.60000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
239	0.00000E+00	-3.20000E-01	0.00000E+00	3.50000E-02	0.00000E+00	0.00000E+00
240	0.00000E+00	-3.60000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
241	0.00000E+00	-3.20000E-01	0.00000E+00	-3.50000E-02	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 4
LOADTYPE LIVE TITLE CV INST

CENTER OF FORCE BASED ON Y FORCES ONLY (METER).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.109454737E+02
Y = 0.392917085E+01
Z = 0.181322576E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 4)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -185.86
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 3369.99 MY= 0.00 MZ= -2034.28

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 4)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 185.86
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -3369.99 MY= -0.00 MZ= 2034.28

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 4)

MAXIMUMS	AT NODE
X = 9.25655E-03	184
Y = -4.38309E-01	88
Z = -1.35281E-02	3
RX= -1.14885E-03	114
RY= 3.75807E-05	22
RZ= -9.70279E-04	96

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/	EXT FY/	EXT FZ/	EXT MX/	EXT MY/	EXT MZ/	
	INT FX	INT FY	INT FZ	INT MX	INT MY	INT MZ	
							SUPPORT=1
1	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.14	-4.15	-0.10	-0.10	0.00	0.88	111111

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5	0.00	-1.08	0.00	1.08	0.00	0.00	
	-0.30	1.08	0.00	-1.08	-0.01	0.00	000000
6	0.00	0.00	0.00	0.00	0.00	0.00	
	1.03	-6.40	-0.20	-0.19	0.00	-0.89	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	0.10	-3.28	-0.21	-0.20	0.00	-0.13	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	0.16	-1.37	-0.11	-0.10	0.00	-0.18	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.31	-7.95	-0.00	0.00	0.00	1.84	111111
12	0.00	-1.08	0.00	0.00	0.00	0.00	
	0.43	1.08	0.05	-0.00	0.01	-0.00	000000
15	0.00	-1.10	0.00	-1.08	0.00	0.00	
	0.16	1.10	0.03	1.08	-0.02	0.00	000000
16	0.00	0.00	0.00	0.00	0.00	0.00	
	1.70	-14.17	0.01	0.01	0.00	-1.44	111111
17	0.00	-1.17	0.00	-1.14	0.00	0.00	
	-0.24	1.17	0.03	1.14	0.00	-0.00	000000
18	0.00	0.00	0.00	0.00	0.00	0.00	
	0.22	-7.57	0.01	0.01	0.00	-0.23	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	0.36	-3.66	0.00	0.00	0.00	-0.35	111111
35	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.25	-7.53	0.01	0.01	0.00	1.78	111111
36	0.00	-1.08	0.00	0.00	0.00	0.00	
	0.44	1.08	-0.03	-0.00	0.01	0.00	000000
39	0.00	-0.05	0.00	0.00	0.00	0.00	
	0.41	0.05	-0.01	0.00	-0.02	0.00	000000
40	0.00	0.00	0.00	0.00	0.00	0.00	
	1.66	-12.46	0.00	0.00	0.00	-1.41	111111
41	0.00	-0.04	0.00	-0.00	0.00	0.00	
	-0.37	0.04	-0.02	0.00	0.00	-0.00	000000
42	0.00	0.00	0.00	0.00	0.00	0.00	
	0.33	-5.40	0.03	0.03	0.00	-0.32	111111
44	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-2.02	0.10	0.09	0.00	-0.16	111111
52	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.14	-9.12	-0.00	-0.00	0.00	1.69	111111
53	0.00	-1.08	0.00	-0.00	0.00	0.00	
	-0.39	1.08	0.02	0.00	0.02	-0.00	000000
56	0.00	-1.10	0.00	1.08	0.00	0.00	
	0.56	1.10	-0.00	-1.08	-0.02	0.00	000000
57	0.00	0.00	0.00	0.00	0.00	0.00	
	1.58	-12.95	-0.00	-0.00	0.00	-1.35	111111
58	0.00	-0.98	0.00	0.96	0.00	0.00	

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74	0.00	0.00	0.00	0.00	0.00	0.00	
	1.68	-12.61	-0.00	0.00	0.00	-1.44	111111
75	0.00	-2.10	0.00	0.18	0.00	0.00	
	-0.36	2.10	0.02	-0.18	0.00	0.00	000000
76	0.00	0.00	0.00	0.00	0.00	0.00	
	0.35	-5.62	-0.03	-0.03	0.00	-0.35	111111
78	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-2.26	-0.05	-0.04	0.00	-0.16	111111
86	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.30	-9.28	-0.01	-0.01	0.00	1.82	111111
87	0.00	-1.08	0.00	-0.00	0.00	0.00	
	-0.15	1.08	0.02	0.00	0.02	0.00	000000
90	0.00	-2.16	0.00	-0.00	0.00	0.00	
	0.17	2.16	-0.04	0.00	-0.02	-0.00	000000
91	0.00	0.00	0.00	0.00	0.00	0.00	
	1.74	-14.28	-0.01	-0.01	0.00	-1.49	111111
92	0.00	-2.28	0.00	-0.00	0.00	0.00	
	-0.19	2.28	-0.04	0.00	0.00	-0.00	000000
93	0.00	0.00	0.00	0.00	0.00	0.00	
	0.23	-7.58	-0.01	-0.01	0.00	-0.25	111111
95	0.00	0.00	0.00	0.00	0.00	0.00	
	0.35	-3.69	-0.00	-0.00	0.00	-0.34	111111
103	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.10	-3.92	0.10	0.10	0.00	0.84	111111
104	0.00	-0.54	0.00	-0.54	0.00	0.00	
	0.15	0.54	0.01	0.54	0.02	-0.00	000000
107	0.00	-1.08	0.00	-1.08	0.00	0.00	
	-0.17	1.08	-0.01	1.08	-0.02	-0.00	000000
108	0.00	0.00	0.00	0.00	0.00	0.00	
	0.97	-6.32	0.20	0.20	0.00	-0.86	111111
110	0.00	0.00	0.00	0.00	0.00	0.00	
	0.09	-3.27	0.21	0.20	0.00	-0.14	111111
112	0.00	0.00	0.00	0.00	0.00	0.00	
	0.14	-1.43	0.11	0.11	0.00	-0.18	111111
120	0.00	-0.21	0.00	0.21	0.00	0.00	
	1.12	0.21	0.09	-0.21	-0.00	0.00	000000
121	0.00	-0.42	0.00	0.42	0.00	0.00	
	-0.02	0.42	0.58	-0.42	-0.00	-0.00	000000
122	0.00	-0.42	0.00	0.42	0.00	0.00	
	-0.72	0.42	0.19	-0.42	-0.00	-0.00	000000
123	0.00	-0.45	0.00	0.45	0.00	0.00	
	-0.04	0.45	0.20	-0.45	-0.00	-0.00	000000
124	0.00	-0.24	0.00	0.24	0.00	0.00	
	-0.06	0.24	0.11	-0.24	-0.00	0.00	000000
125	0.00	-0.21	0.00	-0.21	0.00	0.00	

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146	0.00	-0.42	0.00	0.00	0.00	0.00	
	-2.00	0.42	-0.00	-0.00	-0.00	0.00	000000
148	0.00	-0.48	0.00	0.00	0.00	0.00	
	-0.19	0.48	-0.04	-0.00	-0.00	-0.00	000000
154	0.00	-0.42	0.00	-0.00	0.00	0.00	
	2.53	0.42	-0.02	0.00	-0.00	0.00	000000
156	0.00	-0.42	0.00	-0.00	0.00	0.00	
	-2.14	0.42	-0.00	0.00	-0.00	-0.00	000000
158	0.00	-0.48	0.00	0.00	0.00	0.00	
	-0.26	0.48	0.03	-0.00	-0.00	0.00	000000
164	0.00	-0.42	0.00	0.00	0.00	0.00	
	2.38	0.42	-0.02	-0.00	-0.00	-0.00	000000
166	0.00	-0.42	0.00	0.00	0.00	0.00	
	-2.07	0.42	-0.01	-0.00	-0.00	0.00	000000
168	0.00	-0.48	0.00	0.00	0.00	0.00	
	-0.21	0.48	0.03	-0.00	-0.00	-0.00	000000
174	0.00	-0.42	0.00	-0.00	0.00	0.00	
	2.45	0.42	-0.02	0.00	-0.00	-0.00	000000
176	0.00	-0.63	0.00	0.21	0.00	0.00	
	-1.92	0.63	0.04	-0.21	-0.00	-0.00	000000
178	0.00	-0.48	0.00	-0.00	0.00	0.00	
	-0.33	0.48	0.01	0.00	-0.00	0.00	000000
184	0.00	-0.21	0.00	-0.21	0.00	0.00	
	0.99	0.21	-0.11	0.21	-0.00	-0.00	000000
185	0.00	-0.42	0.00	-0.42	0.00	0.00	
	-0.08	0.42	-0.51	0.42	-0.00	-0.00	000000
186	0.00	-0.42	0.00	-0.42	0.00	0.00	
	-0.75	0.42	-0.20	0.42	-0.00	0.00	000000
187	0.00	-0.45	0.00	-0.45	0.00	0.00	
	-0.12	0.45	-0.20	0.45	-0.00	0.00	000000
188	0.00	-0.24	0.00	-0.24	0.00	0.00	
	-0.12	0.24	-0.10	0.24	-0.00	-0.00	000000

FOR LOADING - 5

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
3	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
5	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
7	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
9	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
12	0.00000E+00	-6.00000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
13	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
15	0.00000E+00	-6.12500E-01	0.00000E+00	-5.99479E-01	0.00000E+00	0.00000E+00
17	0.00000E+00	-6.12500E-01	0.00000E+00	-5.99479E-01	0.00000E+00	0.00000E+00
19	0.00000E+00	-6.00000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
21	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
22	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
23	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
24	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
25	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
26	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
31	0.00000E+00	-6.12500E-01	0.00000E+00	-5.99479E-01	0.00000E+00	0.00000E+00
32	0.00000E+00	-6.12500E-01	0.00000E+00	-5.99479E-01	0.00000E+00	0.00000E+00
33	0.00000E+00	-6.90000E-01	0.00000E+00	6.90000E-01	0.00000E+00	0.00000E+00
34	0.00000E+00	-1.38000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
36	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
37	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
39	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-2.18750E-02	0.00000E+00	-1.30209E-04	0.00000E+00	0.00000E+00
43	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
45	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
46	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
47	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
48	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
50	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-6.90000E-01	0.00000E+00	-6.90000E-01	0.00000E+00	0.00000E+00
53	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-6.12500E-01	0.00000E+00	5.99479E-01	0.00000E+00	0.00000E+00
58	0.00000E+00	-5.34375E-01	0.00000E+00	5.24609E-01	0.00000E+00	0.00000E+00
60	0.00000E+00	-1.65000E-01	0.00000E+00	4.40000E-02	0.00000E+00	0.00000E+00
62	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-6.12500E-01	0.00000E+00	5.99479E-01	0.00000E+00	0.00000E+00
67	0.00000E+00	-6.12500E-01	0.00000E+00	5.99479E-01	0.00000E+00	0.00000E+00
68	0.00000E+00	-3.30000E-01	0.00000E+00	8.80000E-02	0.00000E+00	0.00000E+00
70	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
71	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
75	0.00000E+00	-1.12500E+00	0.00000E+00	7.50001E-02	0.00000E+00	0.00000E+00
77	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
79	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
80	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
81	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
82	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
83	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
84	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
85	0.00000E+00	-6.90000E-01	0.00000E+00	6.90000E-01	0.00000E+00	0.00000E+00
87	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
88	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
90	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
92	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
94	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
96	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
101	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
102	0.00000E+00	-1.38000E+00	0.00000E+00	-2.63700E-07	0.00000E+00	0.00000E+00
104	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
105	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
107	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
109	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
111	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
114	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
116	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
117	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
118	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
119	0.00000E+00	-6.90000E-01	0.00000E+00	-6.90000E-01	0.00000E+00	0.00000E+00
120	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
121	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
122	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
123	0.00000E+00	-9.60000E-02	0.00000E+00	9.60000E-02	0.00000E+00	0.00000E+00
124	0.00000E+00	-5.10000E-02	0.00000E+00	5.10000E-02	0.00000E+00	0.00000E+00
125	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
126	0.00000E+00	-1.35000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
127	0.00000E+00	-1.35000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
128	0.00000E+00	-1.47000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
129	0.00000E+00	-1.02000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
130	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
131	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
132	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
133	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
134	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
135	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
136	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
137	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
138	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
139	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
140	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
141	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
142	0.00000E+00	-1.02000E-01	0.00000E+00	1.02000E-01	0.00000E+00	0.00000E+00
143	0.00000E+00	-2.04000E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
144	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
145	0.00000E+00	-1.35000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
146	0.00000E+00	-9.00000E-02	0.00000E+00	8.24064E-09	0.00000E+00	0.00000E+00
147	0.00000E+00	-1.02000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
148	0.00000E+00	-1.02000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
149	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
150	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
151	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
152	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
153	0.00000E+00	-2.04000E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
154	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
155	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	0.00000E+00	-1.02000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-1.02000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
162	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-2.04000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
164	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
165	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
166	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
167	0.00000E+00	-1.02000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
168	0.00000E+00	-1.02000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
169	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
170	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
171	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
172	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
173	0.00000E+00	-2.04000E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
174	0.00000E+00	-9.00000E-02	0.00000E+00	-1.37344E-08	0.00000E+00	0.00000E+00
175	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
176	0.00000E+00	-1.35000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
177	0.00000E+00	-1.47000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
178	0.00000E+00	-1.02000E-01	0.00000E+00	-1.64813E-08	0.00000E+00	0.00000E+00
179	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
180	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
181	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
182	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
183	0.00000E+00	-2.04000E-01	0.00000E+00	-3.29626E-08	0.00000E+00	0.00000E+00
184	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
185	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
186	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
187	0.00000E+00	-9.60000E-02	0.00000E+00	-9.60000E-02	0.00000E+00	0.00000E+00
188	0.00000E+00	-5.10000E-02	0.00000E+00	-5.10000E-02	0.00000E+00	0.00000E+00
189	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
190	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
191	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
192	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
193	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
194	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
195	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
196	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
197	0.00000E+00	-1.02000E-01	0.00000E+00	-1.02000E-01	0.00000E+00	0.00000E+00
198	0.00000E+00	-5.25000E-02	0.00000E+00	1.22500E-02	0.00000E+00	0.00000E+00
199	0.00000E+00	-1.72500E-01	0.00000E+00	1.32250E-01	0.00000E+00	0.00000E+00
200	0.00000E+00	-3.30000E-01	0.00000E+00	8.80000E-02	0.00000E+00	0.00000E+00
201	0.00000E+00	-2.77500E-01	0.00000E+00	-1.07750E-01	0.00000E+00	0.00000E+00
202	0.00000E+00	-1.05000E-01	0.00000E+00	2.45000E-02	0.00000E+00	0.00000E+00
203	0.00000E+00	-1.12500E-01	0.00000E+00	-5.62500E-02	0.00000E+00	0.00000E+00
204	0.00000E+00	-1.12500E-01	0.00000E+00	-5.62500E-02	0.00000E+00	0.00000E+00
205	0.00000E+00	-3.37500E-01	0.00000E+00	-5.62500E-02	0.00000E+00	0.00000E+00
206	0.00000E+00	-2.25000E-01	0.00000E+00	-1.12500E-01	0.00000E+00	0.00000E+00
210	0.00000E+00	-3.87500E-01	0.00000E+00	-2.55208E-02	0.00000E+00	0.00000E+00
211	0.00000E+00	-3.87500E-01	0.00000E+00	2.55208E-02	0.00000E+00	0.00000E+00
212	0.00000E+00	-3.87500E-01	0.00000E+00	-2.55208E-02	0.00000E+00	0.00000E+00
213	0.00000E+00	-3.87500E-01	0.00000E+00	2.55208E-02	0.00000E+00	0.00000E+00
214	0.00000E+00	-3.87500E-01	0.00000E+00	-2.55208E-02	0.00000E+00	0.00000E+00
215	0.00000E+00	-3.87500E-01	0.00000E+00	2.55208E-02	0.00000E+00	0.00000E+00
216	0.00000E+00	-3.87500E-01	0.00000E+00	-2.55208E-02	0.00000E+00	0.00000E+00
217	0.00000E+00	-3.87500E-01	0.00000E+00	2.55208E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
218	0.00000E+00	-3.87500E-01	0.00000E+00	7.81251E-03	0.00000E+00	0.00000E+00
219	0.00000E+00	-3.87500E-01	0.00000E+00	-7.81254E-03	0.00000E+00	0.00000E+00
220	0.00000E+00	-3.87500E-01	0.00000E+00	7.81251E-03	0.00000E+00	0.00000E+00
221	0.00000E+00	-3.87500E-01	0.00000E+00	-7.81254E-03	0.00000E+00	0.00000E+00
222	0.00000E+00	-3.87500E-01	0.00000E+00	7.81254E-03	0.00000E+00	0.00000E+00
223	0.00000E+00	-3.87500E-01	0.00000E+00	-7.81251E-03	0.00000E+00	0.00000E+00
224	0.00000E+00	-3.40625E-01	0.00000E+00	5.85940E-03	0.00000E+00	0.00000E+00
225	0.00000E+00	-3.40625E-01	0.00000E+00	-5.85938E-03	0.00000E+00	0.00000E+00
226	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
227	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
228	0.00000E+00	-2.00000E-01	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00
229	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
230	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
231	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
232	0.00000E+00	-2.00000E-01	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00
233	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
234	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
235	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
236	0.00000E+00	-2.00000E-01	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00
237	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
238	0.00000E+00	-2.00000E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
239	0.00000E+00	-1.75000E-01	0.00000E+00	1.87500E-02	0.00000E+00	0.00000E+00
240	0.00000E+00	-2.00000E-01	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00
241	0.00000E+00	-1.75000E-01	0.00000E+00	-1.87500E-02	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 5
LOADTYPE LIVE TITLE CV MEDIA

CENTER OF FORCE BASED ON Y FORCES ONLY (METER).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.109075797E+02
Y = 0.342100147E+01
Z = 0.180674514E+02

***TOTAL APPLIED LOAD (MTON METER) SUMMARY (LOADING 5)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -87.71
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 1584.66 MY= 0.00 MZ= -956.68

***TOTAL REACTION LOAD(MTON METER) SUMMARY (LOADING 5)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 87.71
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -1584.66 MY= -0.00 MZ= 956.68

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 5)
 MAXIMUMS AT NODE
 X = 4.43553E-03 184
 Y = -2.47639E-01 88
 Z = -6.88356E-03 3
 RX= -6.79618E-04 114
 RY= 1.89619E-05 22
 RZ= -5.50537E-04 96

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00 -0.55	0.00 -1.88	0.00 -0.06	0.00 -0.06	0.00 0.00	0.00 0.43	111111
5	0.00 -0.13	-0.60 0.60	0.00 0.04	0.60 -0.60	0.00 -0.01	0.00 -0.00	000000
6	0.00 0.47	0.00 -2.92	0.00 -0.12	0.00 -0.12	0.00 0.00	0.00 -0.41	111111
8	0.00 0.06	0.00 -1.45	0.00 -0.12	0.00 -0.11	0.00 0.00	0.00 -0.07	111111
10	0.00 0.09	0.00 -0.61	0.00 -0.06	0.00 -0.06	0.00 0.00	0.00 -0.10	111111
11	0.00 -1.15	0.00 -3.90	0.00 0.00	0.00 0.01	0.00 0.00	0.00 0.92	111111
12	0.00 0.28	-0.60 0.60	0.00 0.01	0.00 -0.00	0.00 0.01	0.00 0.00	000000
16	0.00 0.82	0.00 -6.81	0.00 0.01	0.00 0.01	0.00 0.00	0.00 -0.70	111111
17	0.00 -0.11	-0.61 0.61	0.00 0.00	-0.60 0.60	0.00 0.00	0.00 -0.00	000000
18	0.00 0.12	0.00 -3.62	0.00 0.01	0.00 0.01	0.00 0.00	0.00 -0.12	111111
19	0.00 -0.10	-0.60 0.60	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 0.00	000000
20	0.00 0.22	0.00 -1.64	0.00 0.00	0.00 0.00	0.00 0.00	0.00 -0.20	111111
35	0.00 -1.11	0.00 -3.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.88	111111
36	0.00 0.28	-0.60 0.60	0.00 -0.00	0.00 -0.00	0.00 0.01	0.00 0.00	000000
39	0.00 0.12	-0.03 0.03	0.00 -0.00	0.00 0.00	0.00 -0.01	0.00 -0.00	000000
40	0.00 0.81	0.00 -6.12	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 -0.69	111111
41	0.00	-0.02	0.00	-0.00	0.00	0.00	

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53	0.00	-0.60	0.00	0.00	0.00	0.00	
	0.28	0.60	0.01	0.00	0.01	0.00	000000
56	0.00	-0.61	0.00	0.60	0.00	0.00	
	-0.16	0.61	-0.00	-0.60	-0.01	0.00	000000
57	0.00	0.00	0.00	0.00	0.00	0.00	
	0.94	-6.36	-0.00	-0.00	0.00	-0.80	111111
58	0.00	-0.53	0.00	0.52	0.00	0.00	
	-0.11	0.53	0.00	-0.52	0.00	0.00	000000
59	0.00	0.00	0.00	0.00	0.00	0.00	
	0.11	-3.07	-0.00	-0.00	0.00	-0.12	111111
61	0.00	0.00	0.00	0.00	0.00	0.00	
	0.15	-1.08	-0.03	-0.03	0.00	-0.15	111111
69	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.36	-4.05	0.00	0.00	0.00	1.08	111111
70	0.00	-0.60	0.00	0.00	0.00	0.00	
	0.46	0.60	0.00	-0.00	0.01	0.00	000000
73	0.00	-1.20	0.00	0.00	0.00	0.00	
	-0.35	1.20	-0.00	-0.00	-0.01	0.00	000000
74	0.00	0.00	0.00	0.00	0.00	0.00	
	1.05	-6.16	0.00	0.00	0.00	-0.89	111111
75	0.00	-1.13	0.00	0.08	0.00	0.00	
	-0.13	1.13	0.01	-0.08	0.00	0.00	000000
76	0.00	0.00	0.00	0.00	0.00	0.00	
	0.17	-2.75	-0.01	-0.01	0.00	-0.17	111111
78	0.00	0.00	0.00	0.00	0.00	0.00	
	0.09	-0.90	-0.02	-0.02	0.00	-0.10	111111
86	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.37	-4.28	-0.00	-0.00	0.00	1.09	111111
87	0.00	-0.60	0.00	-0.00	0.00	0.00	
	0.41	0.60	0.01	0.00	0.01	-0.00	000000
90	0.00	-1.20	0.00	-0.00	0.00	0.00	
	-0.30	1.20	-0.00	0.00	-0.01	-0.00	000000
91	0.00	0.00	0.00	0.00	0.00	0.00	
	1.04	-6.75	-0.01	-0.01	0.00	-0.89	111111
93	0.00	0.00	0.00	0.00	0.00	0.00	
	0.11	-3.65	-0.01	-0.01	0.00	-0.12	111111
95	0.00	0.00	0.00	0.00	0.00	0.00	
	0.22	-1.65	-0.00	-0.00	0.00	-0.21	111111
103	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.52	-1.79	0.06	0.06	0.00	0.39	111111
104	0.00	-0.30	0.00	-0.30	0.00	0.00	
	0.10	0.30	-0.02	0.30	0.01	0.00	000000
108	0.00	0.00	0.00	0.00	0.00	0.00	
	0.45	-2.87	0.12	0.12	0.00	-0.40	111111
110	0.00	0.00	0.00	0.00	0.00	0.00	

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126	0.00	-0.14	0.00	-0.04	0.00	0.00	
	-0.12	0.14	0.08	0.04	-0.00	0.00	000000
127	0.00	-0.14	0.00	-0.04	0.00	0.00	
	-0.81	0.14	-0.01	0.04	-0.00	0.00	000000
129	0.00	-0.10	0.00	0.00	0.00	0.00	
	-0.12	0.10	0.00	-0.00	-0.00	0.00	000000
144	0.00	-0.05	0.00	0.05	0.00	0.00	
	0.89	0.05	-0.00	-0.05	-0.00	-0.00	000000
145	0.00	-0.14	0.00	0.05	0.00	0.00	
	-0.12	0.14	-0.09	-0.05	-0.00	-0.00	000000
146	0.00	-0.09	0.00	0.00	0.00	0.00	
	-0.88	0.09	-0.00	-0.00	-0.00	-0.00	000000
154	0.00	-0.09	0.00	0.00	0.00	0.00	
	1.00	0.09	-0.01	-0.00	-0.00	0.00	000000
156	0.00	-0.09	0.00	0.00	0.00	0.00	
	-0.78	0.09	-0.00	0.00	-0.00	0.00	000000
164	0.00	-0.09	0.00	0.00	0.00	0.00	
	0.89	0.09	-0.01	-0.00	-0.00	-0.00	000000
166	0.00	-0.09	0.00	0.00	0.00	0.00	
	-0.71	0.09	-0.00	-0.00	-0.00	-0.00	000000
174	0.00	-0.09	0.00	-0.00	0.00	0.00	
	0.96	0.09	-0.01	0.00	-0.00	-0.00	000000
176	0.00	-0.13	0.00	0.04	0.00	0.00	
	-0.74	0.13	0.01	-0.04	-0.00	-0.00	000000
178	0.00	-0.10	0.00	-0.00	0.00	0.00	
	-0.13	0.10	0.01	0.00	-0.00	0.00	000000
184	0.00	-0.04	0.00	-0.04	0.00	0.00	
	0.43	0.04	-0.05	0.04	-0.00	0.00	000000
185	0.00	-0.09	0.00	-0.09	0.00	0.00	
	-0.03	0.09	-0.22	0.09	-0.00	0.00	000000
186	0.00	-0.09	0.00	-0.09	0.00	0.00	
	-0.35	0.09	-0.08	0.09	-0.00	-0.00	000000

FOR LOADING - 6

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
165	0.00000E+00	-5.00000E-01	0.00000E+00	7.50000E-01	0.00000E+00	0.00000E+00
170	0.00000E+00	-2.50000E-01	0.00000E+00	3.75000E-01	0.00000E+00	0.00000E+00
171	0.00000E+00	-2.50000E-01	0.00000E+00	3.75000E-01	0.00000E+00	0.00000E+00
175	0.00000E+00	-5.00000E-01	0.00000E+00	-7.50000E-01	0.00000E+00	0.00000E+00
180	0.00000E+00	-2.50000E-01	0.00000E+00	-3.75000E-01	0.00000E+00	0.00000E+00
181	0.00000E+00	-2.50000E-01	0.00000E+00	-3.75000E-01	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 6
LOADTYPE DEAD TITLE EQUIPOS

CENTER OF FORCE BASED ON Y FORCES ONLY (MERE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.599999997E+01
Y = 0.689999968E+01

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 6)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -2.00
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 54.00 MY= 0.00 MZ= -12.00

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 6)

SUMMATION FORCE-X = -0.00
 SUMMATION FORCE-Y = 2.00
 SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -54.00 MY= 0.00 MZ= 12.00

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 6)

MAXIMUMS AT NODE
 X = 4.22877E-04 197
 Y = -1.10277E-01 165
 Z = 2.32484E-03 105
 RX= -3.62227E-04 175
 RY= -5.42077E-06 114
 RZ= -2.38952E-04 179

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
69	0.00 0.09	0.00 -0.51	0.00 -0.00	0.00 -0.00	0.00 -0.00	0.00 -0.08	111111
70	0.00 -0.46	0.00 0.00	0.00 0.00	0.00 -0.00	0.00 -0.00	0.00 -0.00	000000
73	0.00 0.46	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 -0.00	000000
74	0.00 -0.09	0.00 -0.49	0.00 -0.00	0.00 -0.00	0.00 -0.00	0.00 0.07	111111
86	0.00 0.10	0.00 -0.52	0.00 -0.00	0.00 -0.00	0.00 -0.00	0.00 -0.08	111111
87	0.00 -0.46	0.00 -0.00	0.00 0.00	0.00 -0.00	0.00 -0.00	0.00 -0.00	000000
90	0.00 0.41	0.00 0.00	0.00 0.00	0.00 -0.00	0.00 0.00	0.00 0.00	000000
91	0.00 -0.08	0.00 -0.60	0.00 0.00	0.00 0.00	0.00 -0.00	0.00 0.07	111111
164	0.00 0.36	0.00 0.00	0.00 0.00	0.00 -0.00	0.00 -0.00	0.00 -0.00	000000
166	0.00 -0.37	0.00 0.00	0.00 0.00	0.00 -0.00	0.00 -0.00	0.00 0.00	000000
174	0.00	0.00	0.00	0.00	0.00	0.00	

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176 0.00 0.00 0.00 0.00 0.00 0.00
 -0.32 0.00 -0.00 -0.00 -0.00 0.00 000000

FOR LOADING - 7

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
210	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
216	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
217	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 7
 LOADTYPE DEAD TITLE ARRIATES

CENTER OF FORCE BASED ON Y FORCES ONLY (METER).
 (FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.149999997E+02
 Y = 0.299999999E+01
 Z = 0.119999999E+02

***TOTAL APPLIED LOAD (MTON METER) SUMMARY (LOADING 7)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -17.40
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 208.80 MY= 0.00 MZ= -261.00

***TOTAL REACTION LOAD(MTON METER) SUMMARY (LOADING 7)

SUMMATION FORCE-X = -0.00
 SUMMATION FORCE-Y = 17.40
 SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -208.80 MY= -0.00 MZ= 261.00

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 7)

MAXIMUMS AT NODE
 X = -3.07906E-03 142
 Y = -2.17236E-01 213
 Z = 2.83354E-03 3
 RX= 6.62985E-04 230
 RY= 6.23067E-06 25
 RZ= -6.21761E-04 49

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/	EXT FY/	EXT FZ/	EXT MX/	EXT MY/	EXT MZ/	
	INT FX	INT FY	INT FZ	INT MX	INT MY	INT MZ	
							SUPPORT=1
6	0.00 -0.00	0.00 0.13	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 0.02	111111
8	0.00 -0.05	0.00 0.10	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 0.06	111111
15	0.00 0.18	0.00 -0.00	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 -0.00	000000
16	0.00 -0.42	0.00 -1.94	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 0.37	111111
17	0.00 -0.23	0.00 0.00	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 -0.00	000000
18	0.00 0.46	0.00 -1.98	0.00 -0.01	0.00 -0.01	0.00 0.00	0.00 -0.35	111111
20	0.00 -0.06	0.00 0.11	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 0.07	111111
35	0.00 0.07	0.00 0.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 -0.04	111111
39	0.00 0.51	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	000000
40	0.00 -1.08	0.00 -5.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.90	111111
41	0.00 -0.69	0.00 0.00	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 -0.00	000000
42	0.00 1.29	0.00 -5.35	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 -1.04	111111
43	0.00 0.12	0.00 0.00	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 -0.00	000000
44	0.00 -0.13	0.00 0.28	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 0.13	111111
56	0.00 0.20	0.00 -0.00	0.00 0.00	0.00 -0.00	0.00 0.00	0.00 -0.00	000000
57	0.00 -0.44	0.00 -1.95	0.00 0.01	0.00 0.01	0.00 0.00	0.00 0.38	111111
58	0.00 -0.25	0.00 -0.00	0.00 0.00	0.00 -0.00	0.00 0.00	0.00 0.00	000000
59	0.00 0.47	0.00 -2.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 -0.37	111111
61	0.00 -0.05	0.00 0.11	0.00 -0.00	0.00 -0.00	0.00 0.00	0.00 0.06	111111
74	0.00 0.01	0.00 0.16	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	111111

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147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-0.60	0.00	0.00	0.00	-0.00	-0.00	000000
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.24	0.00	-0.01	0.00	-0.00	0.00	000000
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-0.22	0.00	-0.00	0.00	-0.00	-0.00	000000

LOAD COMBINATION NO. 10
1.0 (PP+CM+CVMAX+EQU+ARR)

LOADING-	1.	2.	3.	6.	7.
FACTOR -	1.00	1.00	1.00	1.00	1.00

LOAD COMBINATION NO. 11
1.0 (PP+CM+EQ+CVINST+ARR + SX+ 0.3 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	1.00	0.30

LOAD COMBINATION NO. 12
1.0 (PP+CM+EQ+CVINST+ARR + SX- 0.3 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	1.00	-0.30

LOAD COMBINATION NO. 13
1.0 (PP+CM+EQ+CVINST+ARR - SX+ 0.3 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	-1.00	0.30

LOAD COMBINATION NO. 14
1.0 (PP+CM+EQ+CVINST+ARR - SX- 0.3 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	-1.00	-0.30

LOAD COMBINATION NO. 15
1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX+ SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	0.30	1.00

LOAD COMBINATION NO. 16
1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX- SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	0.30	-1.00

LOAD COMBINATION NO. 17
1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX+ SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	-0.30	1.00

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LOAD COMBINATION NO. 18

1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX- SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00	-0.30	-1.00

LOAD COMBINATION NO. 19

1.0 (PP+CM+EQ+CVINST+ARR)

LOADING-	1.	2.	4.	6.	7.
FACTOR -	1.00	1.00	1.00	1.00	1.00

LOAD COMBINATION NO. 20

1.4 (PP+CM+EQ+CVMAX+ARR)

LOADING-	1.	2.	3.	6.	7.
FACTOR -	1.40	1.40	1.40	1.40	1.40

LOAD COMBINATION NO. 21

1.1 (PP+CM+EQ+CVINST + SX+ 0.33 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	1.10	0.33

LOAD COMBINATION NO. 22

1.1 (PP+CM+EQ+CVINST + SX- 0.33 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	1.10	-0.33

LOAD COMBINATION NO. 23

1.1 (PP+CM+EQ+CVINST - SX+ 0.33 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	-1.10	0.33

LOAD COMBINATION NO. 24

1.1 (PP+CM+EQ+CVINST - SX- 0.33 SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	-1.10	-0.33

LOAD COMBINATION NO. 25

1.1 (PP+CM+EQ+CVINST + 0.33 SX+ SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	0.33	1.10

LOAD COMBINATION NO. 26

1.1 (PP+CM+EQ+CVINST + 0.33 SX- SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	0.33	-1.10

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LOAD COMBINATION NO. 27
1.1 (PP+CM+EQ+CVINST - 0.33 SX+ SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	-0.33	1.10

LOAD COMBINATION NO. 28
1.1 (PP+CM+EQ+CVINST - 0.33 SX- SZ)

LOADING-	1.	2.	4.	6.	7.	8.	9.
FACTOR -	1.10	1.10	1.10	1.10	1.10	-0.33	-1.10

***** END OF DATA FROM INTERNAL STORAGE *****

425. PARAMETER 1
426. CODE LRFD
427. KX 1 MEMB 1 5 7 9 10 14 16 18 45 49 51 53 73 77 79 81 101 105 107 109 129 -
428. 133 135 137 157 161 163 165 185 188 190 192 193 196 198 200 227 229 232 233 -
429. 235 250 253 254 256 273 276 277 279 295 298 299 301 317 320 322 324 344 465 -
430. 466
431. FU 45700 ALL
432. FYLD 35150 ALL
433. *LX 12 MEMB 46 48 59 60 63 64 102 104 115 116 119 120 536
434. *LY 12 MEMB 46 48 59 60 63 64 536
435. CHECK CODE ALL

STAAD.Pro CODE CHECKING - (LRFD 3RD EDITION) v1.0

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.661	28
		21.67 C	-15.58	-18.11	0.00
2	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.761	25
		2.78 C	7.77	45.10	0.00
4	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.407	28
		2.22 T	-2.15	-38.15	0.00
5	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.613	25
		42.64 C	-13.26	-17.44	3.00
6	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.386	21
		0.58 C	0.31	14.22	0.00
7	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.516	25
		24.55 C	-12.63	-12.52	3.00
8	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.337	21
		0.33 C	0.39	11.39	0.00
9	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.484	25
		17.97 C	-11.87	-12.15	3.00
10	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.758	28
		37.34 C	12.66	30.75	3.00
11	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.884	25
		2.87 C	8.07	59.11	0.00
13	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.532	28
		1.97 T	-2.38	-53.08	0.00
14	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.671	25
		78.29 C	-14.38	-16.68	3.00
15	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.636	20
		0.00 C	0.00	33.84	0.00
16	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.536	25
		44.30 C	-13.66	-10.30	3.00
17	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.434	21
		0.53 C	0.40	15.26	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
18	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.491	25
		23.68 C	-13.12	-9.53	3.00
19	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.793	25
		0.00 C	0.00	16.41	0.00
20	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.690	25
		0.83 T	0.05	14.11	0.00
21	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	25
		0.00 C	0.00	15.42	0.00
22	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.725	25
		0.00 C	0.00	15.01	0.00
23	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.630	25
		0.00 C	0.00	13.03	0.00
24	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.371	25
		2.86 C	-3.75	-21.98	2.00
25	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.443	25
		2.82 C	-2.15	-42.81	2.00
26	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.494	25
		2.41 C	-4.28	-34.59	2.00
27	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.521	25
		1.95 C	-2.38	-51.59	2.00
28	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.795	25
		0.74 C	-1.35	4.86	6.00
29	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.666	25
		0.81 C	-0.93	4.47	6.00
30	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.368	28
		2.77 T	-3.80	-21.36	0.00
31	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.719	28
		3.45 T	7.70	40.02	2.00
32	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.470	28
		2.43 T	-4.31	-31.29	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
33	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.755	28
		2.88 T	6.22	55.22	1.50
34	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.677	28
		1.29 T	0.93	4.66	6.00
35	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.800	28
		0.49 T	1.35	4.98	6.00
36	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.126	21
		0.01 C	-0.14	-4.46	2.00
37	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.259	24
		0.58 T	0.33	8.85	2.00
38	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.228	21
		0.62 C	-0.21	-10.84	2.00
39	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.390	24
		0.48 T	0.48	18.03	2.00
40	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.894	20
		0.00 C	0.00	8.92	6.00
41	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.890	20
		0.00 C	0.00	8.88	6.00
42	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.347	24
		0.33 T	0.39	11.82	2.25
43	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.389	24
		0.53 T	0.40	13.46	2.25
44	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.958	20
		0.00 C	0.00	9.56	6.00
45	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.705	28
		36.83 C	11.97	27.93	3.00
46	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.847	25
		2.19 C	8.08	54.28	0.00
48	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.566	28
		1.47 T	-2.55	-56.39	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
49	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	25
		74.07 C	-14.15	-12.96	3.00
50	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.703	20
		0.00 C	0.00	37.40	0.00
51	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.499	25
		35.68 C	-13.34	-8.77	3.00
52	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.326	21
		0.32 C	0.42	11.40	0.00
53	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.428	28
		11.55 C	13.33	5.14	3.00
54	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.668	28
		0.00 C	0.00	13.82	6.00
55	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.549	28
		7.54 T	0.05	10.95	6.00
56	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.371	25
		0.96 C	0.39	13.45	0.00
57	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.367	25
		0.97 C	0.37	13.38	0.00
58	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.544	25
		0.00 C	0.00	11.26	0.00
59	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.495	25
		1.82 C	-4.20	-35.34	2.00
60	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.547	25
		1.46 C	-2.55	-53.85	2.00
61	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.794	25
		0.40 C	1.33	4.93	0.00
62	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.678	25
		0.64 C	0.92	4.65	0.00
63	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.465	28
		1.84 T	-4.23	-31.27	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
64	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.760	28
		2.21 T	6.23	55.86	1.50
65	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.672	25
		0.66 C	0.88	4.67	0.00
66	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.796	25
		0.50 C	1.32	4.96	0.00
67	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.277	20
		0.00 C	0.00	-14.72	2.00
68	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.421	24
		0.79 T	0.53	19.36	2.00
69	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.134	21
		0.07 C	0.46	6.41	0.00
70	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.129	20
		0.00 C	0.00	8.88	0.00
71	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.264	24
		0.27 T	0.39	8.46	2.25
72	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.958	20
		0.00 C	0.00	9.56	0.00
73	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.638	28
		49.90 C	-17.20	-10.54	0.00
74	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.805	25
		0.84 C	8.08	49.00	0.00
76	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.436	28
		0.17 T	-2.81	-37.58	0.00
77	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.565	25
		70.61 C	-14.18	-9.33	3.00
78	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.519	20
		0.00 C	0.00	27.60	0.00
79	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	25
		35.14 C	-13.48	-6.54	3.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
80	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	21
		0.42 C	0.56	13.21	0.00
81	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.433	25
		18.85 C	-13.17	-5.28	3.00
82	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.678	25
		0.00 C	0.00	14.03	0.00
83	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	25
		4.74 C	0.05	8.05	0.00
84	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.368	25
		0.96 C	0.31	13.82	0.00
85	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.352	25
		0.92 C	0.31	13.12	0.00
86	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.318	25
		0.05 C	0.05	9.49	0.00
87	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.441	25
		0.51 C	-4.08	-29.21	2.00
88	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	25
		0.17 C	-2.81	-37.58	2.00
89	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.750	28
		0.02 C	1.31	4.60	6.00
90	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.687	28
		1.21 T	0.90	4.83	6.00
91	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.419	28
		0.51 T	-4.12	-26.03	0.00
92	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.862	28
		0.84 T	8.04	56.75	2.00
93	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.686	28
		1.19 T	0.93	4.76	6.00
94	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.750	28
		0.31 T	1.34	4.53	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
95	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.206	20
		0.00 C	0.00	-10.98	2.00
96	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.374	24
		0.52 T	0.51	16.96	2.00
97	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.159	21
		0.55 C	0.49	7.94	0.00
98	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.151	21
		0.63 C	0.42	7.82	0.00
99	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.303	24
		0.41 T	0.31	11.04	1.50
101	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.658	28
		49.70 C	-17.15	-12.21	0.00
102	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.800	25
		0.95 C	8.07	48.33	0.00
104	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.419	28
		0.19 T	-2.98	-34.11	0.00
105	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.592	25
		66.25 C	-14.19	-11.77	3.00
106	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.524	21
		0.83 C	0.34	19.68	0.00
107	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.498	25
		30.78 C	-13.59	-8.52	3.00
108	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.341	21
		0.36 C	0.44	11.94	0.00
109	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.452	25
		18.61 C	-13.12	-6.91	3.00
110	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.677	28
		0.00 C	0.00	14.02	6.00
111	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.373	20
		3.49 T	-0.00	7.58	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
112	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.670	28
		0.00 C	0.00	13.87	6.00
113	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.634	28
		0.00 C	0.00	13.11	6.00
114	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.287	25
		0.13 C	0.13	9.99	0.00
115	ST	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.430	25
		0.57 C	-4.01	-28.35	2.00
116	ST	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.419	25
		0.19 C	-2.99	-34.11	2.00
117	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.759	25
		0.30 C	1.33	4.60	0.00
118	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.690	25
		0.03 C	0.93	4.83	0.00
119	ST	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.407	28
		0.57 T	-4.04	-25.12	0.00
120	ST	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.850	28
		0.95 T	8.04	55.23	2.00
121	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.682	28
		0.82 T	-0.93	4.73	0.00
122	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.746	25
		0.09 C	1.31	4.54	0.00
123	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.204	21
		0.00 C	-0.13	-7.74	2.00
124	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.381	24
		0.83 T	0.36	13.67	2.00
125	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.716	20
		0.00 C	0.00	7.14	0.00
126	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.726	20
		0.00 C	0.00	7.24	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
127	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.112	24
		0.29 T	-0.38	-2.53	0.00
129	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	28
		50.52 C	-17.39	-15.98	0.00
130	ST	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.833	25
		1.20 C	8.04	52.89	0.00
132	ST	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.452	28
		0.25 T	-3.09	-37.63	0.00
133	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.660	25
		78.32 C	-14.33	-15.96	3.00
134	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.619	21
		0.99 C	0.35	23.56	0.00
135	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.544	25
		42.25 C	-13.62	-11.18	3.00
136	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.481	21
		0.55 C	0.39	17.19	0.00
137	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.505	25
		25.00 C	-13.11	-10.58	3.00
138	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	25
		0.00 C	0.00	13.72	0.00
139	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.333	20
		3.55 T	-0.00	6.77	0.00
140	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	25
		0.00 C	0.00	13.73	0.00
141	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.647	25
		0.00 C	0.00	13.39	0.00
142	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.536	28
		0.00 C	0.00	11.08	6.00
143	ST	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.458	25
		0.72 C	-3.98	-32.25	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
144	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.452	25
		0.24 C	-3.10	-37.63	2.00
145	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.803	28
		0.41 T	1.31	5.12	6.00
146	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.706	28
		0.45 T	0.93	4.99	6.00
147	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.426	28
		0.72 T	-4.00	-27.74	0.00
148	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.902	28
		1.19 T	8.02	62.14	2.00
149	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.708	28
		0.43 T	0.94	4.99	6.00
150	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.807	28
		0.27 T	1.33	5.12	6.00
151	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.236	21
		0.00 C	-0.13	-9.06	2.00
152	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.468	24
		0.99 T	0.37	17.19	2.00
153	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.718	20
		0.00 C	0.00	7.16	6.00
154	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.717	20
		0.00 C	0.00	7.15	6.00
155	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.452	24
		0.55 T	0.39	16.01	2.25
156	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.960	20
		0.00 C	0.00	9.58	6.00
157	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.653	28
		19.29 C	-14.88	-19.14	0.00
158	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.746	25
		3.30 C	7.73	43.28	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
160	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.438	28
		2.72 T	-2.99	-36.28	0.00
161	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.602	25
		44.01 C	-11.96	-19.16	3.00
162	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	21
		0.61 C	0.33	15.58	0.00
163	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.513	28
		14.25 C	12.66	13.07	3.00
164	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.395	21
		0.34 C	0.39	13.74	0.00
165	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.480	25
		19.26 C	-11.12	-13.30	3.00
166	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.806	28
		0.00 C	0.00	16.68	6.00
167	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.596	28
		4.37 T	0.05	12.04	6.00
168	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	28
		0.00 C	0.00	15.48	6.00
169	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.723	28
		0.00 C	0.00	14.97	6.00
170	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.627	28
		0.00 C	0.00	12.97	6.00
171	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.331	25
		3.38 C	-3.36	-19.44	2.00
172	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.457	25
		3.35 C	-2.99	-38.65	2.00
173	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.824	25
		0.79 C	1.35	5.14	0.00
174	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.715	25
		0.39 C	0.94	5.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
175	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.329	28
		3.30 T	-3.39	-19.02	0.00
176	ST W24X94		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.746	28
		3.99 T	7.71	43.48	2.00
177	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.716	25
		0.40 C	0.94	5.00	0.00
178	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.818	25
		0.72 C	1.32	5.14	0.00
179	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.147	21
		0.02 C	-0.15	-5.23	2.00
180	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.318	24
		0.61 T	0.35	11.11	2.00
181	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.718	20
		0.00 C	0.00	7.17	0.00
182	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.717	20
		0.00 C	0.00	7.15	0.00
183	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.422	24
		0.34 T	0.39	14.84	2.25
184	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.960	20
		0.00 C	0.00	9.58	0.00
185	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.485	28
		7.14 C	-7.71	-21.83	0.00
186	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.845	25
		0.62 C	1.78	16.52	0.00
187	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.402	28
		0.64 T	-1.19	-5.80	0.00
188	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.415	25
		15.82 C	-7.51	-15.94	3.90
189	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.542	25
		0.65 C	1.40	9.03	0.00

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190	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.351	25
		11.42 C	9.03	7.96	0.00
191	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.508	21
		0.74 C	1.30	8.27	0.00
192	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.273	25
		6.74 C	7.58	5.23	0.00
193	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.659	28
		9.31 C	-11.10	-28.38	0.00
194	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.949	21
		1.11 C	1.60	20.82	0.00
195	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.446	28
		1.04 T	-2.11	-11.68	0.00
196	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.577	25
		25.68 C	-8.93	-24.96	3.90
197	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.588	25
		0.54 C	1.40	10.49	0.00
198	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.375	28
		13.68 C	-10.86	-5.86	0.00
199	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	21
		1.20 C	1.31	9.60	0.00
200	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.354	25
		10.16 C	9.53	7.28	0.00
201	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.685	25
		0.00 C	0.00	9.51	0.00
202	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.967	25
		0.00 C	0.00	13.44	0.00
203	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	25
		0.00 C	0.00	9.21	0.00
204	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.658	28
		0.00 C	0.00	9.14	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
205	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	25
		0.00 C	0.00	7.58	0.00
206	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.335	25
		0.11 C	-0.61	-7.10	2.00
207	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.553	25
		0.70 C	-1.75	-7.32	2.00
208	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.358	25
		0.11 C	-0.61	-7.83	2.00
209	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.644	21
		1.06 C	-1.55	-11.41	2.00
210	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		0.00 C	0.00	-7.46	3.00
211	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		0.00 C	0.00	-7.46	3.00
212	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.257	28
		0.07 T	-0.44	-5.63	0.00
213	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.657	28
		0.69 T	1.16	14.12	2.00
214	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.345	28
		0.00 T	-0.75	-14.15	0.00
215	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.786	28
		1.04 T	2.06	30.10	2.00
216	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.525	20
		0.00 C	0.00	-5.24	2.50
217	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	20
		0.00 C	0.00	5.53	6.00
218	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.209	25
		0.09 C	-0.51	-3.71	2.00
219	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.486	28
		0.68 T	1.41	7.20	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
220	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.181	25
		0.09 C	-0.51	-2.81	2.00
221	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.448	28
		0.51 T	1.41	6.02	2.00
222	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		0.00 C	0.00	-7.46	3.00
223	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		0.00 C	0.00	-7.46	3.00
224	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.467	24
		0.74 T	1.30	7.05	2.25
225	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.537	24
		1.20 T	1.31	9.11	2.25
226	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.676	20
		0.00 C	0.00	6.75	6.00
227	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.526	28
		6.05 C	-14.20	-11.56	0.00
229	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.640	28
		9.03 C	-11.32	-26.48	0.00
230	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.814	21
		0.92 C	1.15	19.15	0.00
231	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.430	28
		0.84 T	-2.11	-10.94	0.00
232	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.616	25
		17.88 C	10.01	26.54	0.00
233	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.324	28
		7.23 C	-9.39	-5.44	0.00
234	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.497	21
		1.03 C	1.32	7.79	0.00
235	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.330	25
		9.79 C	9.14	6.25	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
236	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.487	28
		0.00 C	0.00	6.77	6.00
237	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.795	28
		0.00 C	0.00	11.05	6.00
238	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.530	25
		0.00 C	0.00	7.37	0.00
239	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.537	25
		0.00 C	0.00	7.46	0.00
240	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.488	28
		0.00 C	0.00	6.79	6.00
241	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.315	21
		0.08 C	-0.45	-7.42	2.00
242	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.575	21
		0.95 C	-1.20	-11.26	2.00
243	ST	W16X57	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.345	28
		0.00 T	-0.74	-14.16	0.00
244	ST	W16X57	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.718	28
		0.84 T	2.05	26.54	2.00
245	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.574	20
		0.00 C	0.00	5.73	6.00
246	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	20
		0.00 C	0.00	5.53	0.00
247	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.519	24
		1.03 T	1.32	8.52	2.25
248	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.676	20
		0.00 C	0.00	6.74	0.00
250	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.853	28
		23.31 C	12.18	40.39	3.90
251	ST	W21X73	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.732	25
		0.78 C	3.66	40.39	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
252	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.645	28
		0.78 T	-3.27	-35.26	0.00
253	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.764	25
		23.78 C	9.94	37.91	0.00
254	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.329	28
		7.67 C	-9.51	-5.58	0.00
255	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.513	21
		1.00 C	1.32	8.28	0.00
256	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.340	25
		9.90 C	9.43	6.39	0.00
257	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	28
		0.00 C	0.00	8.38	6.00
258	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	25
		0.00 C	0.00	9.78	0.00
259	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	28
		0.00 C	0.00	6.99	6.00
260	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	28
		0.00 C	0.00	6.99	6.00
261	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	25
		0.00 C	0.00	6.81	0.00
262	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.432	21
		0.00 C	-1.38	-29.11	2.00
263	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.680	25
		0.78 C	-3.74	-35.26	2.00
264	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.572	20
		0.00 C	0.00	5.70	6.00
265	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.555	20
		0.00 C	0.00	5.53	6.00
266	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.406	28
		0.00 T	-1.32	-27.20	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
267	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.668	28
		0.78 T	3.19	37.91	2.00
268	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.574	20
		0.00 C	0.00	5.73	0.00
269	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.514	20
		0.00 C	0.00	5.13	0.00
270	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.536	24
		1.00 T	1.32	9.02	2.25
271	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.570	20
		0.00 C	0.00	5.69	6.00
273	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.865	28
		23.52 C	12.17	41.33	3.90
274	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.753	21
		5.09 C	3.22	44.77	0.00
275	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.660	28
		0.45 T	-3.26	-36.73	0.00
276	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.803	25
		24.51 C	9.80	41.29	0.00
277	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.339	28
		6.89 C	-9.52	-6.40	0.00
278	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.541	21
		1.12 C	1.32	9.17	0.00
279	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.348	25
		10.12 C	9.37	7.15	0.00
280	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	28
		0.00 C	0.00	8.26	6.00
281	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.435	20
		0.00 C	0.00	6.04	6.00
282	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.500	25
		0.00 C	0.00	6.95	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
283	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.504	25
		0.00 C	0.00	7.01	0.00
284	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.498	25
		0.00 C	0.00	6.93	0.00
285	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.427	25
		1.36 C	-1.34	-28.78	2.00
286	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	25
		0.45 C	-3.30	-36.73	2.00
287	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.571	20
		0.00 C	0.00	5.70	0.00
288	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	20
		0.00 C	0.00	5.53	0.00
289	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.422	28
		1.36 T	-1.24	-29.08	0.00
290	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.707	28
		2.26 T	3.18	41.29	2.00
291	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.493	20
		0.00 C	0.00	4.92	6.00
292	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.484	20
		0.00 C	0.00	4.83	0.00
293	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.562	24
		1.12 T	1.32	9.84	2.25
294	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.570	20
		0.00 C	0.00	5.69	0.00
295	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.872	28
		23.33 C	12.78	40.60	3.90
296	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.758	21
		6.16 C	3.21	45.10	0.00
297	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.643	28
		0.58 T	-3.24	-35.37	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
298	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.808	25
		33.01 C	11.26	37.87	0.00
299	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.359	25
		14.83 C	10.94	4.35	0.00
300	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.588	21
		1.36 C	1.31	10.65	0.00
301	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.382	25
		10.87 C	9.84	8.78	0.00
302	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.579	28
		0.00 C	0.00	8.04	6.00
303	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.435	20
		0.00 C	0.00	6.04	0.00
304	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.530	28
		0.00 C	0.00	7.37	6.00
305	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.534	28
		0.00 C	0.00	7.43	6.00
306	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	25
		0.00 C	0.00	6.81	0.00
307	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.438	25
		1.73 C	-1.35	-29.66	2.00
308	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.649	25
		0.58 C	-3.32	-35.37	2.00
309	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.539	20
		0.00 C	0.00	5.38	6.00
310	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.505	20
		0.00 C	0.00	5.04	6.00
311	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.393	28
		1.73 T	-1.24	-26.38	0.00
312	ST W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.780	28
		2.87 T	3.17	47.84	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
313	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.518	20
		0.00 C	0.00	5.17	6.00
314	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.553	20
		0.00 C	0.00	5.52	6.00
315	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	24
		1.36 T	1.31	11.48	2.25
316	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.672	20
		0.00 C	0.00	6.71	6.00
317	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	28
		6.02 C	-5.46	-20.86	0.00
318	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.761	21
		1.46 C	1.14	17.44	0.00
319	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.449	28
		0.70 T	-1.17	-7.45	0.00
320	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.396	22
		13.88 C	3.45	-23.11	3.90
321	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.556	25
		0.70 C	1.40	9.47	0.00
322	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.324	28
		7.66 C	-8.97	-6.30	0.00
323	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.562	21
		0.84 C	1.30	9.94	0.00
324	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.243	28
		0.14 T	-7.46	-3.65	0.00
325	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.697	28
		0.00 C	0.00	9.68	6.00
326	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.945	28
		7.29 T	0.03	12.82	6.00
327	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.669	28
		0.00 C	0.00	9.29	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
328	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.661	25
		0.00 C	0.00	9.19	0.00
329	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.547	25
		0.00 C	0.00	7.60	0.00
330	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.301	21
		0.07 C	-0.47	-6.88	2.00
331	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.530	21
		1.52 C	-1.21	-9.71	2.00
332	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.539	20
		0.00 C	0.00	5.38	0.00
333	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.516	20
		0.00 C	0.00	-5.15	3.50
334	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.274	28
		0.07 T	-0.43	-6.20	0.00
335	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.698	28
		0.75 T	1.14	15.58	2.00
336	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.519	20
		0.00 C	0.00	5.17	0.00
337	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	20
		0.00 C	0.00	5.52	0.00
338	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.214	25
		0.09 C	-0.51	-3.87	2.00
339	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.521	28
		0.74 T	1.41	8.34	2.00
340	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		0.00 C	0.00	-7.46	3.00
341	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		0.00 C	0.00	-7.46	3.00
342	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.560	24
		0.84 T	1.30	9.91	2.25

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
343	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.672	20
		0.00 C	0.00	6.71	0.00
344	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.553	21
		7.79 C	9.35	23.76	0.00
345	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.713	25
		0.59 C	1.40	14.50	0.00
346	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.179	25
		0.09 C	-0.51	-2.74	2.00
347	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.422	28
		0.55 T	1.41	5.18	2.00
465	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	28
		7.01 C	-14.62	-7.75	0.00
466	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.455	25
		10.45 C	13.32	7.33	0.00
468	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.232	28
		0.16 T	0.08	9.38	1.40
469	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.100	21
		0.18 C	-0.38	-1.99	0.75
470	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.138	24
		0.07 T	-0.27	-4.30	0.00
471	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.110	20
		0.00 C	0.00	-1.67	1.92
472	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.204	20
		0.00 C	0.00	5.00	1.40
473	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.047	24
		0.08 T	0.12	0.50	1.50
474	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.030	21
		0.15 C	0.04	0.50	0.00
475	ST W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.119	24
		0.10 T	0.15	2.09	1.40

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
476	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.112	21
		0.17 C	-0.38	-2.53	0.75
477	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.240	20
		0.00 C	0.00	5.00	0.00
478	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.303	28
		0.13 T	0.16	10.42	3.00
479	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.194	20
		0.00 C	0.00	-4.04	0.00
480	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.060	21
		0.12 C	-0.07	-1.08	1.50
481	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.074	24
		0.25 T	-0.13	-1.08	0.00
482	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.301	24
		0.30 T	0.39	10.54	1.50
483	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.139	21
		0.02 C	0.17	2.09	0.00
484	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.080	20
		0.00 C	0.00	-5.44	0.00
485	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.128	24
		0.10 T	0.43	6.16	1.75
486	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.081	20
		0.00 C	0.00	-5.53	0.00
487	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.135	24
		0.08 T	0.53	6.03	1.75
488	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.097	20
		0.00 C	0.00	-6.62	2.00
489	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.109	24
		0.62 T	-0.40	-5.05	0.00
490	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.097	20
		0.00 C	0.00	-6.62	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
491	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.112	24
		0.69 T	-0.42	-5.07	0.00
492	ST	W8X40	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.113	20
		0.00 C	0.00	0.00	0.00
493	ST	W8X40	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.113	20
		0.00 C	0.00	0.00	0.00
494	ST	W8X40	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.113	20
		0.00 C	0.00	0.00	0.00
495	ST	W8X40	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.113	20
		0.00 C	0.00	0.00	0.00
496	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.138	25
		0.04 C	-0.14	-4.90	2.00
497	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.312	28
		0.55 T	0.22	11.89	1.75
498	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.138	25
		0.04 C	-0.14	-4.92	2.00
499	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.301	28
		0.57 T	0.21	11.50	1.75
500	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.137	25
		0.03 C	-0.14	-4.87	2.00
501	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.311	28
		0.55 T	0.21	11.93	1.75
502	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.130	25
		0.03 C	-0.14	-4.57	2.00
503	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.291	28
		0.54 T	0.22	11.06	1.75
504	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.072	25
		0.09 C	-0.33	0.00	2.00
505	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.070	25
		0.09 C	0.31	0.00	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
506	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.069	25
		0.08 C	-0.31	0.00	2.00
507	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.072	25
		0.09 C	0.32	0.00	0.00
508	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.071	25
		0.08 C	-0.32	0.00	2.00
509	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.070	25
		0.07 C	0.32	0.00	0.00
510	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.071	25
		0.08 C	-0.32	0.00	2.00
511	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.072	25
		0.07 C	0.33	0.00	0.00
512	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.304	25
		0.55 C	0.22	11.61	0.00
513	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.116	21
		0.12 C	0.53	4.76	0.00
514	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.066	25
		1.10 C	0.28	0.00	0.00
515	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.369	28
		0.95 T	0.32	13.75	0.25
516	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.153	24
		0.13 T	0.43	7.94	0.25
517	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.064	25
		0.86 C	0.28	0.00	0.00
518	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.104	21
		0.08 C	0.40	4.73	0.00
519	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.303	25
		0.57 C	0.23	11.50	0.00
520	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.159	24
		0.17 T	0.51	7.82	0.25

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
521	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.361	28
		1.00 T	0.33	13.36	0.25
522	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.064	25
		1.13 C	-0.27	0.00	2.00
523	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.066	25
		0.82 C	-0.29	0.00	2.00
524	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.311	25
		0.55 C	0.21	11.95	0.00
525	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.131	21
		0.65 C	0.46	6.11	0.00
526	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.376	28
		0.95 T	0.37	13.80	0.25
527	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.111	28
		0.99 T	0.39	5.15	0.25
528	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.124	21
		0.69 C	0.41	5.98	0.00
529	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.298	25
		0.53 C	0.21	11.39	0.00
530	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.113	28
		1.00 T	0.40	5.23	0.25
531	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.351	28
		0.93 T	0.37	12.76	0.25
532	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.065	25
		0.83 C	0.28	0.00	0.00
533	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.065	25
		1.13 C	0.27	0.00	0.00
534	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.064	25
		0.83 C	-0.28	0.00	2.00
535	ST	W14X30	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.066	25
		1.11 C	-0.28	0.00	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
536	TC	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.902	28
		2.22 T	8.59	70.75	0.50
537	TC	W24X94	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.900	28
		2.89 T	8.58	70.42	0.50

***** END OF TABULATED RESULT OF DESIGN *****

436. STEEL TAKE OFF ALL

STEEL TAKE-OFF

PROFILE	LENGTH(METE)	WEIGHT (MTON)
ST W14X90	208.80	27.964
ST W24X94	83.00	11.619
ST W16X45	235.50	15.829
ST W16X57	30.00	2.547
ST W14X30	462.40	20.681
ST W18X65	24.00	2.317
ST W16X36	271.50	14.544
ST W21X73	36.00	3.912
ST W8X40	8.00	0.473
TC W24X94	1.00	0.153

	TOTAL =	100.039

***** END OF DATA FROM INTERNAL STORAGE *****

437. FINISH

***** END OF THE STAAD.Pro RUN *****

**** DATE= FEB 27,2018 TIME= 16:56: 6 ****

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*****  
*   For technical assistance on STAAD.Pro, please visit   *  
*   http://selectservices.bentley.com/en-US/                 *  
*                                                         *  
*   Details about additional assistance from               *  
*   Bentley and Partners can be found at program menu    *  
*   Help->Technical Support                               *  
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