



PROYECTO CENTRO DE SERVICIO INFONAVIT (CESI), COLIMA.

Proyecto Ejecutivo – Memoria de Cálculo de
Estructuras.

Ref. E17/MX-1161 _ Rev. 01

ABRIL 2018

CALCULISTA ESTRUCTURAL

NOMBRE: JORGE LUNA NAMBO

CÉDULA PROFESIONAL: 9318771

DIRECCIÓN: Río Amazonas 30. Piso 1. Col. Cuauhtémoc.
--

DELEGACIÓN: Cuauhtémoc, Ciudad de México.

TELÉFONO: (044) 55-34-49-41-82



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N°: MX-1161	TITULO: -Memoria de Cálculo de Estructuras-			
FECHA: ABRIL/2018				
ADJUNTO: -	COPIAS	CLIENTE	INGENOR	
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ANEXO 1 CORRIDA DEL PROGRAMA EDIFICIO_COLIMA (CESI Y ESTACIONAMIENTO)



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 Colima, con una superficie de terreno de 5000 m² (1 nivel de oficinas + estacionamiento). Se encuentra localizado en Prolongación 20 de Noviembre S/N Esquina con Simón Bolívar, Manzana 78, Lote 15, Colonia San Pablo, CP. 28060, Municipio de Colima, Estado de Colima.

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.

1 DESCRIPCIÓN GENERAL DEL PROYECTO.

Compuesto por un predio de forma un poco irregular y topografía plana. Con base a la constancia de alineamiento las medidas generales son las siguientes, al Norte colinda Avenida Jaime Torres Bodet, al Este con Calle Simón Bolívar, al Oeste con Aniceto



Fig. 1 Localización del emplazamiento del "CESI Colima".

2 MODELO MATEMATICO.

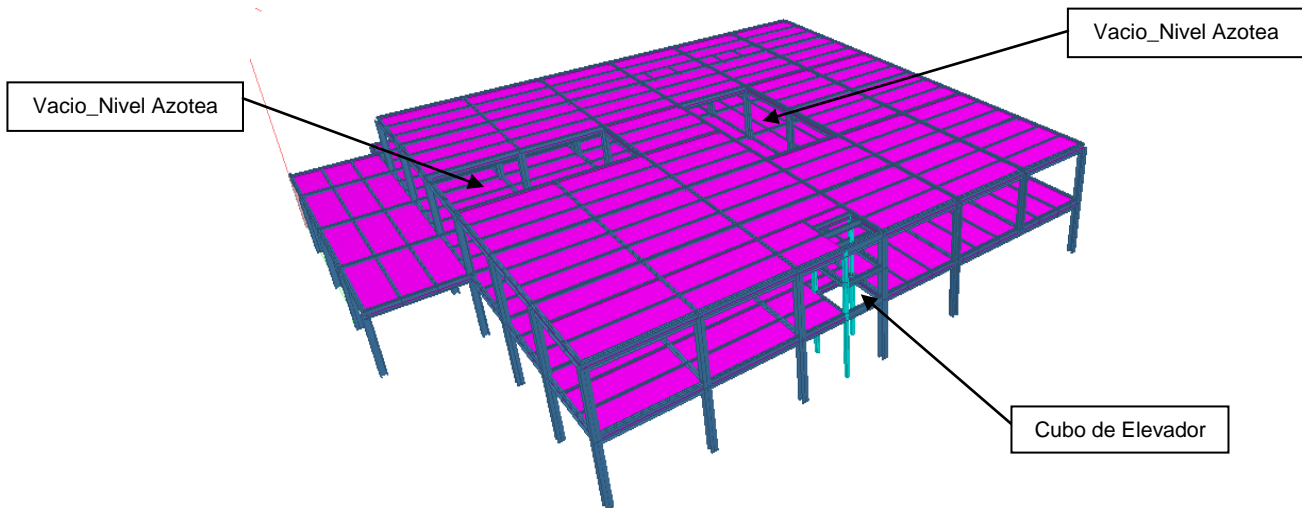
Para el diseño de los elementos estructurales, se utilizara el programa de cómputo correspondiente, el cual contara con las herramientas necesarias para estos fines. Se realizó un modelo matemático tridimensional idealizando columnas y traveses mediante el elemento barra.



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 y Estacionamiento.



Planta Estructural.



3 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 Colima.
- 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)

4 MATERIALES.

4.1 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.

4.2 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-50.

4.3 ACERO ESTRUCTURAL.

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

4.4 TORNILLOS

Tornillos estructurales deberán ser A-325 de alta resistencia.

4.5 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.



5 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.

5.1 ACCIONES PERMANENTES.

5.1.1 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/m ²
• Muros divisorios	60 kg/m ²
• Acabado	40 kg/m ²
• Instalaciones	30 kg/m ²
• Sobrecarga	40 kg/m ²
TOTAL =	399 kg/m ²

Azotea

• Losacero	229 kg/m ²
• Relleno	90 kg/m ²
• Equipos	70 kg/m ²
• Instalaciones	30 kg/m ²
• Sobrecarga	40 kg/m ²
TOTAL =	459 kg/m ²

3 Equipos (Nivel azotea)

• UGAR-1 (MCA TRANE)	1174.0kg
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4 Panel Prefabricado (Stud Frame)	45kg/cm ²
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5.2 ACCIONES VARIABLES.

5.2.1 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).

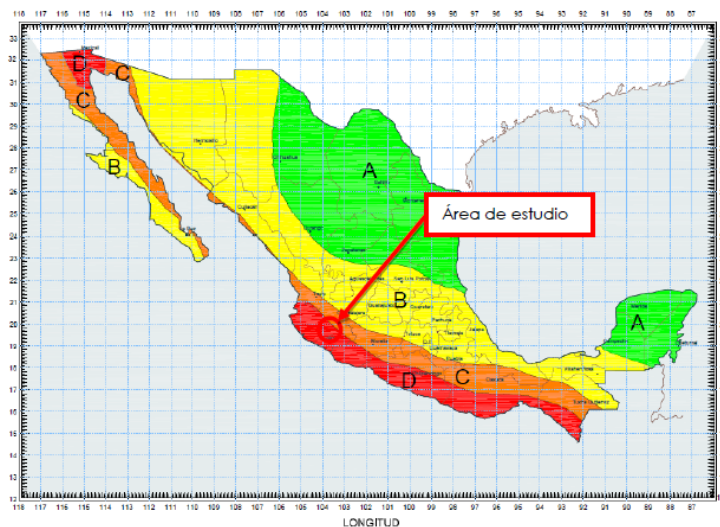
Destino de piso o cubierta.	Carga Viva Máxima (Wm)	Carga Viva Instantánea (Wa)
	Kg/m ²	Kg/m ²
Oficinas	250	180
Azotea pendiente < 5%	100	70

6 ANALISIS SISMICO.

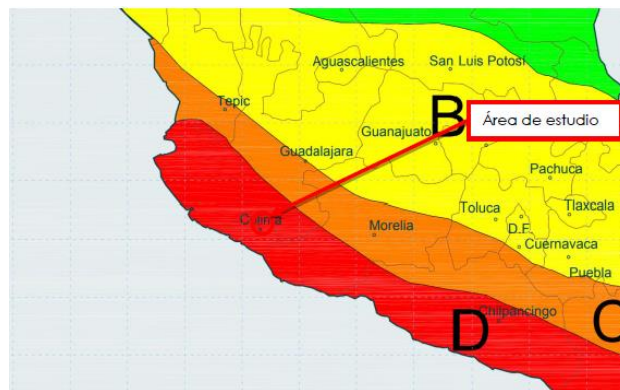
Se realizó un análisis dinámico modal en base a los parámetros obtenidos y proporcionados por el Estudio de Mecánica de Suelos, con tres grados de libertad en cada nivel con el objeto de tomar en cuenta los desplazamientos horizontales en dos direcciones ortogonales.

Los parámetros del análisis es el siguiente:

- Clasificación de la estructura según su uso Grupo B
- Zona Sísmica D
- Clasificación del suelo Tipo II
- Coeficiente sísmico $c = 0.86$
- Factor de comportamiento sísmico $Q = 2$



Zonificación Sísmica de la República Mexicana.



Zonificación Sísmica de la República Mexicana.

Parámetros para valuar la ordenada del espectro de aceleraciones para diseño sísmico, cuando se aplique el análisis dinámico modal.

$$a = a_0 + (c - a_0) \frac{T}{T_a} ; \quad \text{si } T < T_a$$

$$a = c ; \quad \text{si } T_a \leq T \leq T_b$$

$$a = qc ; \quad \text{si } T > T_b$$

donde

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

Parámetros para la construcción del espectro de diseño.

Zona sísmica	Tipo de suelo	a_0	c	T_a (s)	T_b (s)	r
A	I	0.02	0.08	0.2	0.6	1/2
	II	0.04	0.16	0.3	1.5	2/3
	III	0.05	0.20	0.6	2.9	1
B	I	0.04	0.14	0.2	0.6	1/2
	II	0.08	0.30	0.3	1.5	2/3
	III	0.10	0.36	0.6	2.9	1
C	I	0.36	0.36	0.0	0.6	1/2
	II	0.64	0.64	0.0	1.4	2/3
	III	0.64	0.64	0.0	1.9	1
D	I	0.50	0.50	0.0	0.6	1/2
	II	0.86	0.86	0.0	1.2	2/3
	III	0.86	0.86	0.0	1.7	1

Valores de parámetros para calcular los espectros de aceleraciones de acuerdo al Manual de Obras Civiles de la CFE.



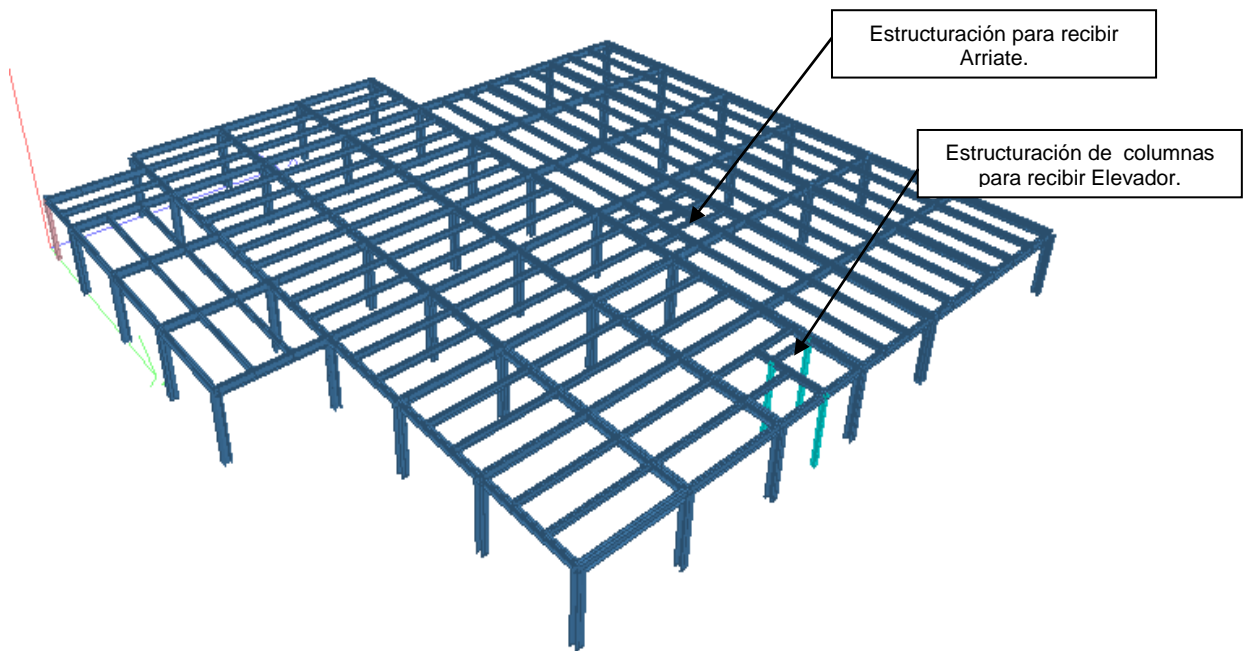
7 COMBINACIONES DE ACCIONES.

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

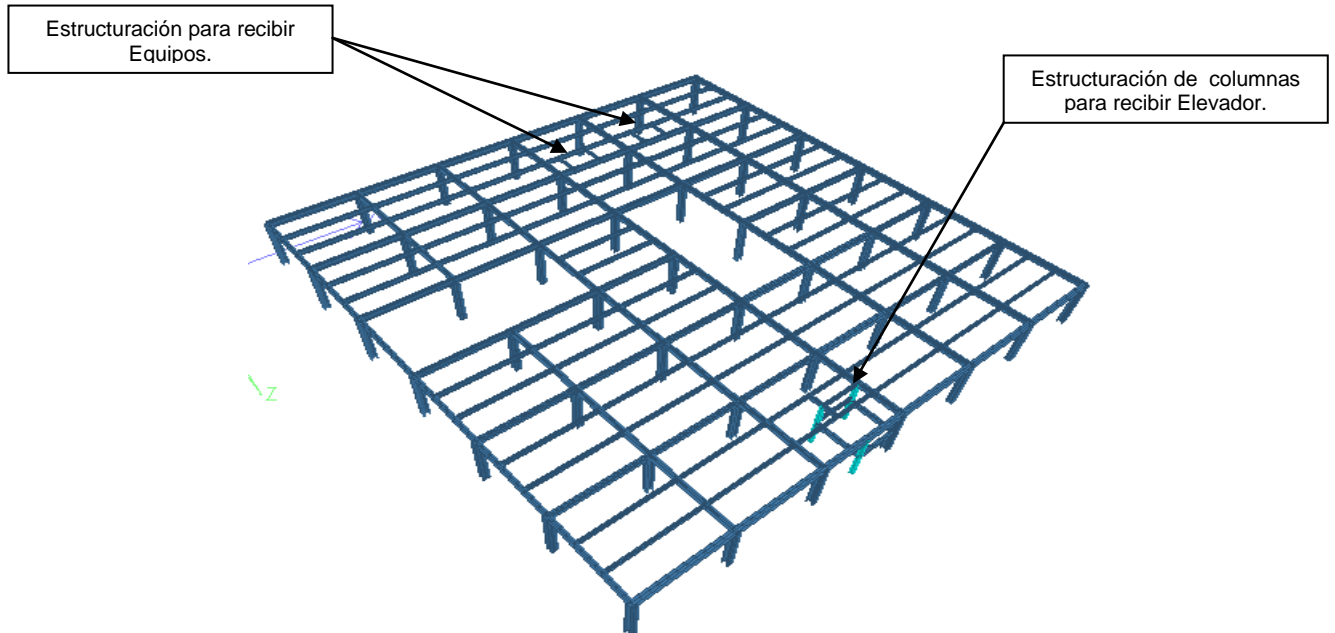
COMBINACIONES DE SERVICIO
1.0 (PP+CM+Equipos+Arriate+CVmax.)
1.0 (PP+CM+Equipos+Arriate+CVInst. +Sx+0.3Sz)
1.0 (PP+CM+Equipos+Arriate+CVInst. + Sx - 0.3 Sz)
1.0 (PP+CM+Equipos+Arriate+CVInst. - Sx + 0.3 Sz)
1.0 (PP+CM+Equipos+Arriate+CVInst. - Sx - 0.3 Sz)
1.0 (PP+CM+Equipos+Arriate+CVInst. + 0.3 Sx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



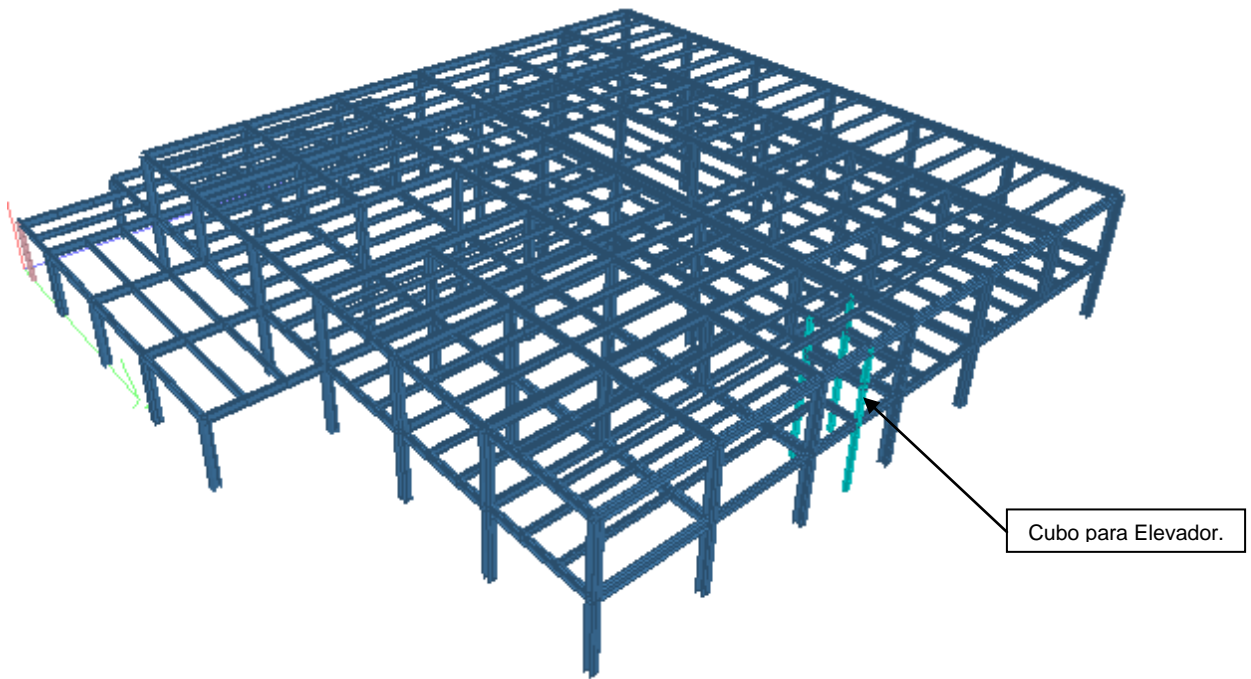
8 ANALISIS ESTRUCTURAL.



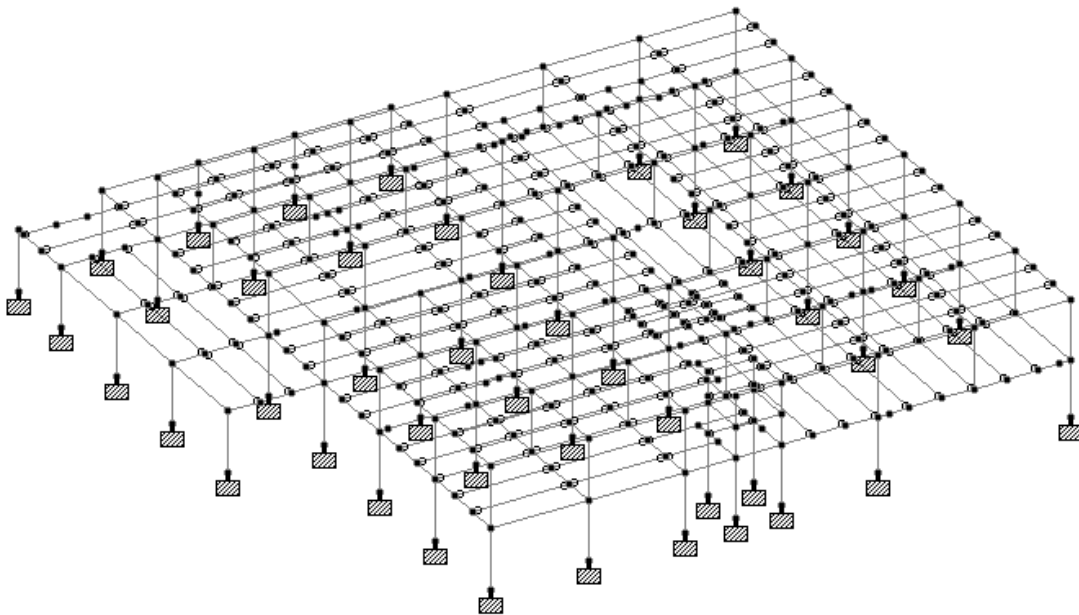
Estructuración Área de CESI y Estacionamiento_Nivel + 3.75m



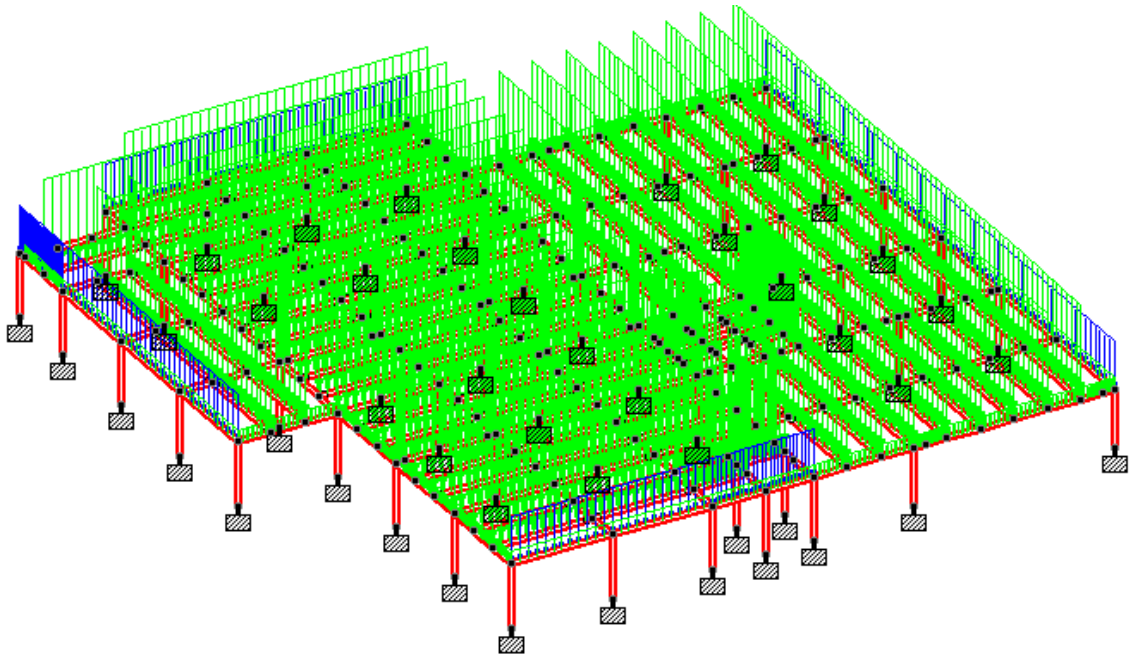
Estructuración Área de CESI y Estacionamiento_Nivel + 7.65m



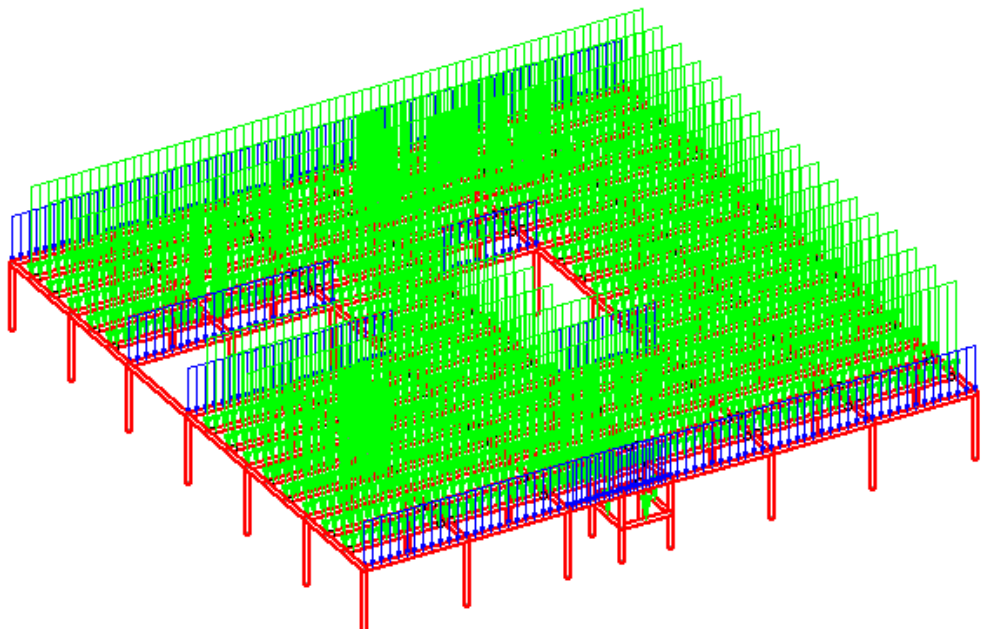
Isométrico de Estructuración Área de CESI y Estacionamiento.



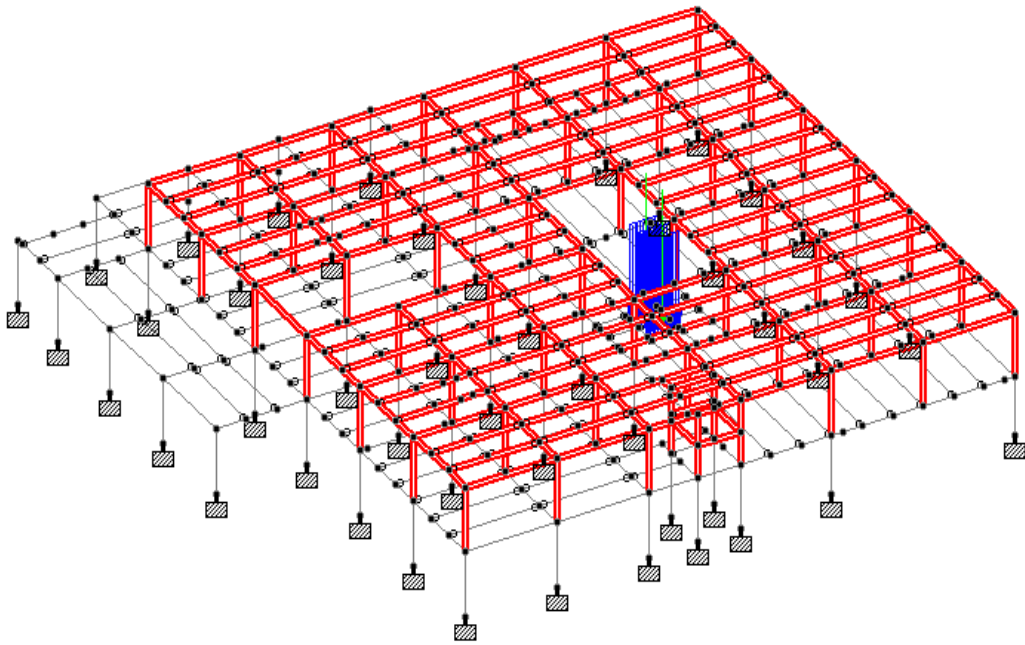
Modelo Estructural como elemento barra.



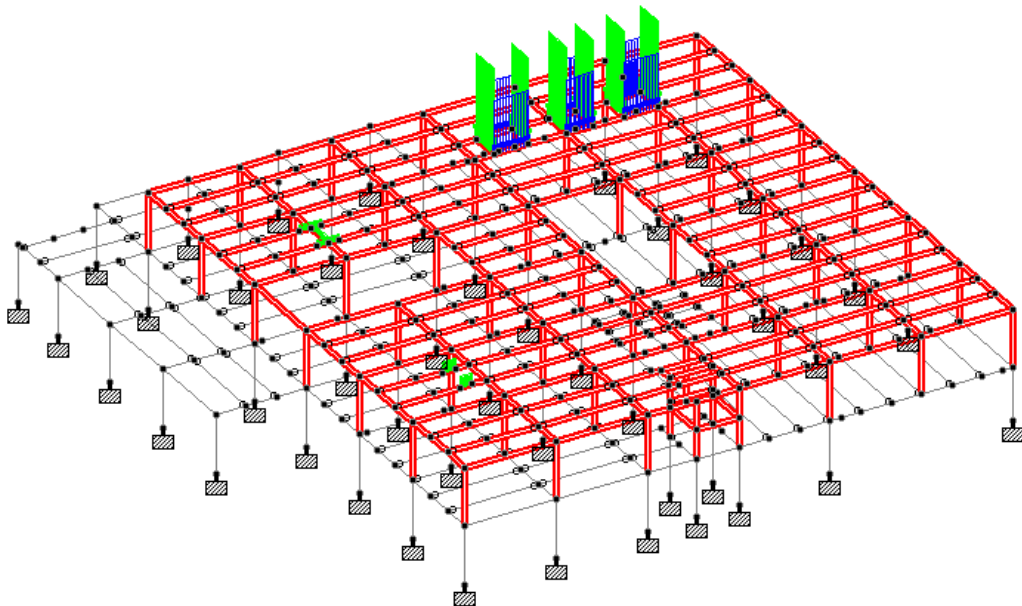
Cargas Muertas en Área de CESI y Estacionamiento_Nivel +3.75m



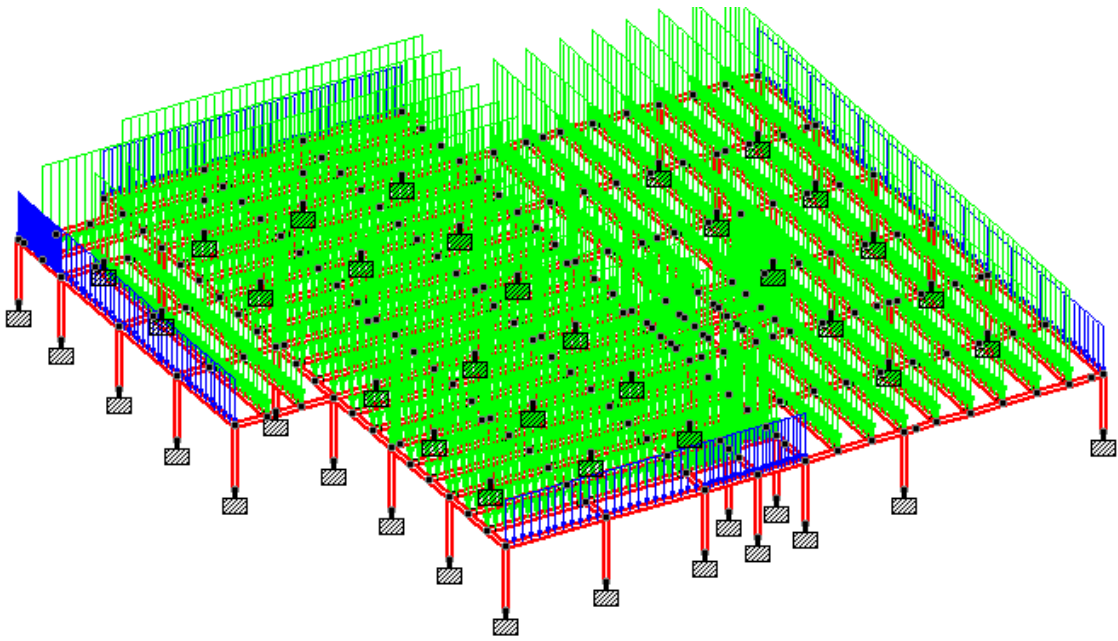
Cargas Muertas en Área de CESI y Estacionamiento_Nivel +7.65m



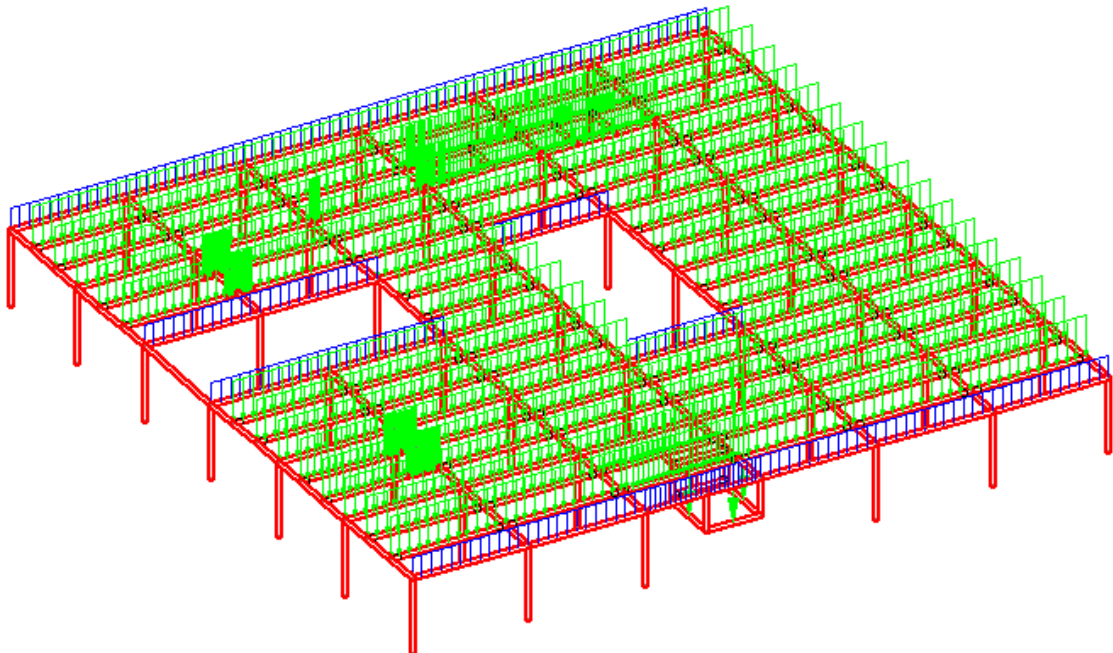
Cargas de Arriate_Nivel +3.75m



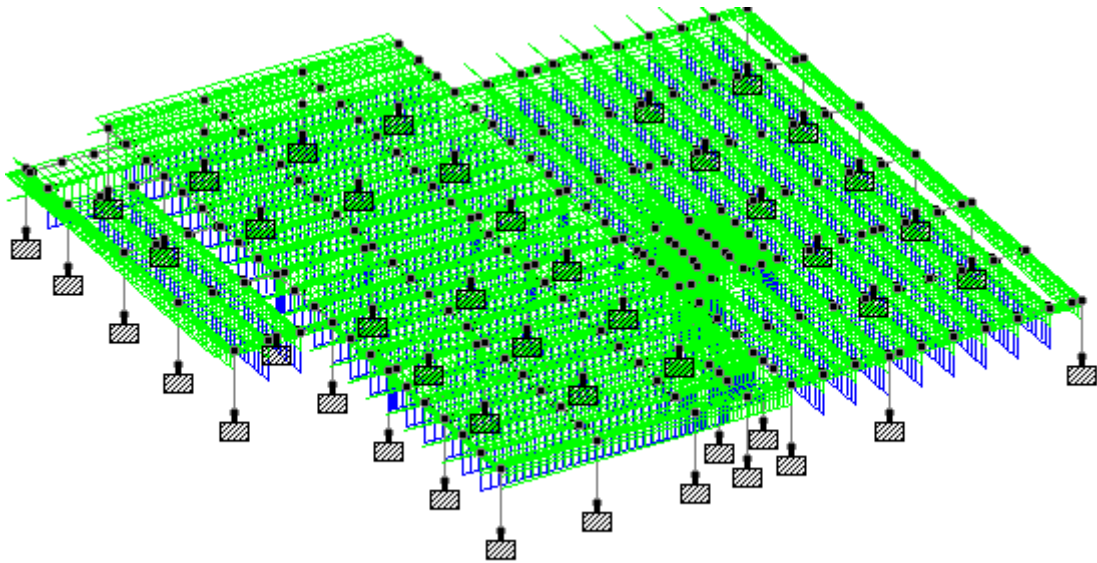
Cargas de Equipos_Nivel +7.65m



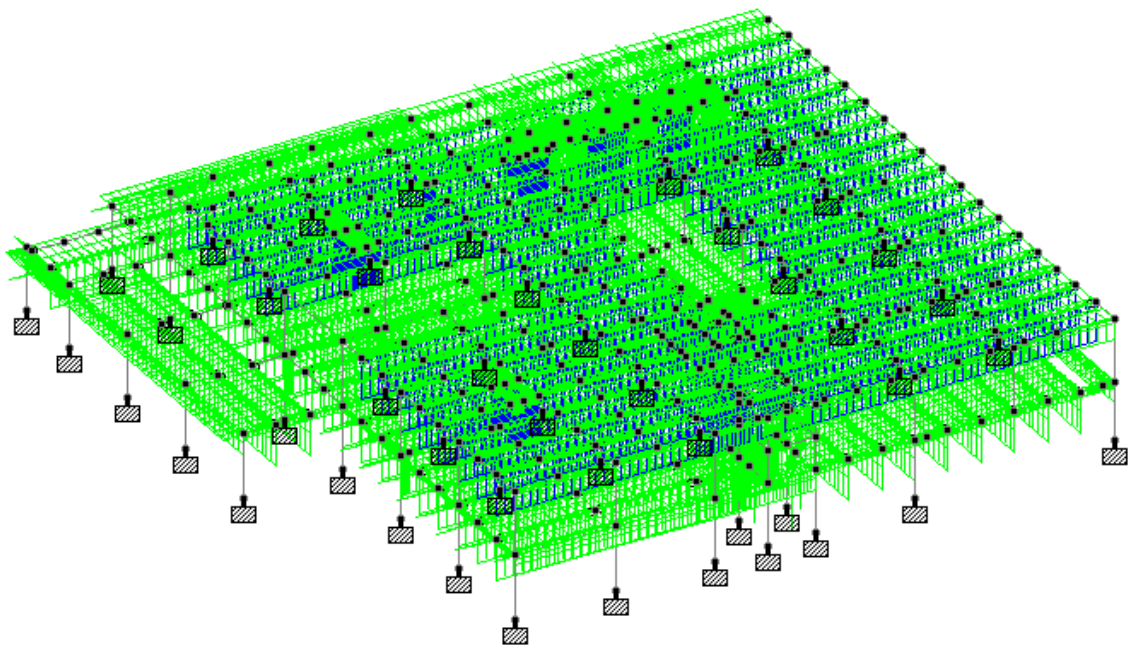
Carga Viva Instantanea en Área de CESI y Estacionamiento_Nivel +3.75m



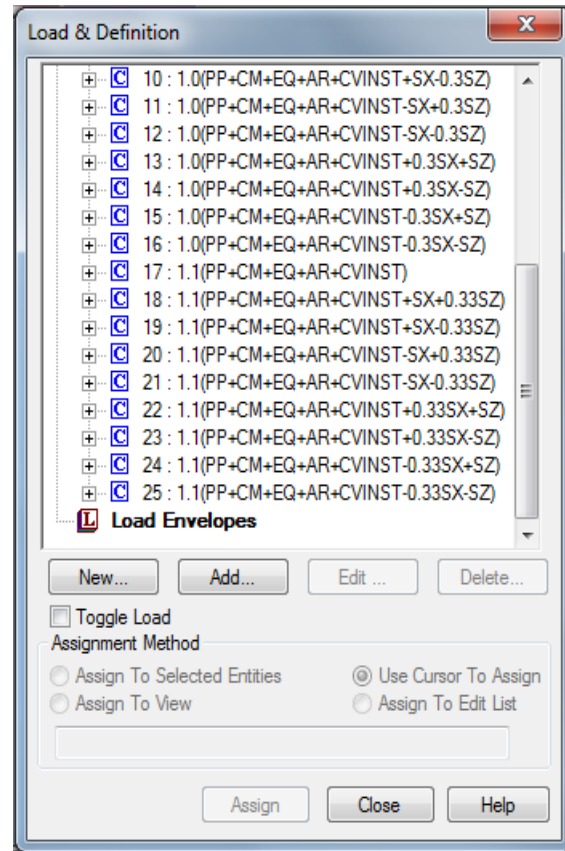
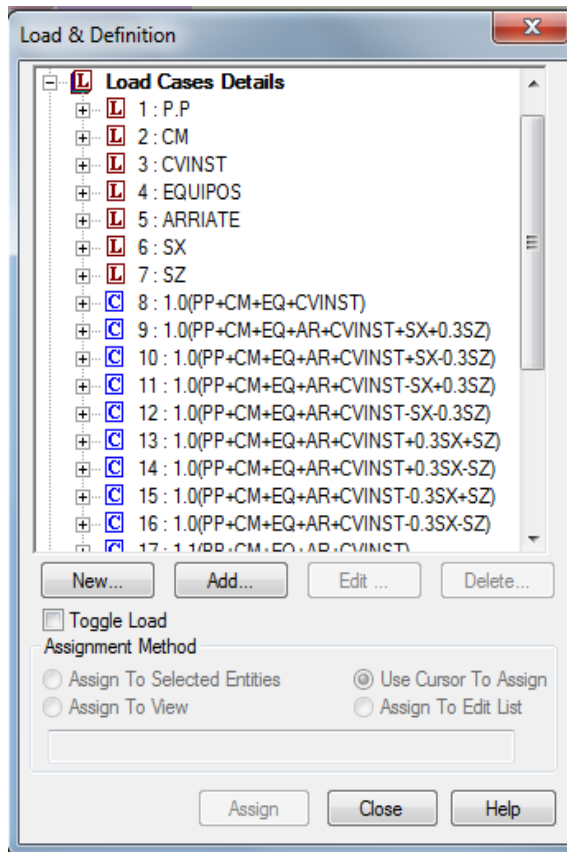
Carga Viva Instantanea en Área de CESI y Estacionamiento_Nivel +7.65m



Carga de Sismo en Área de CESI y Estacionamiento_Nivel +3.75m



Carga de Sismo en Área de CESI y Estacionamiento_Nivel +7.65m



Cargas y combinaciones de carga, para diseño y análisis de la estructura.



9 REVISION DE DESPLAZAMIENTOS.

Se revisará que los desplazamientos laterales cumplan con las limitaciones que marque el R.C.D.F. 2004 ($0.006H < \Delta < 0.012H$).

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

			Horizontal	Vertical	Horizontal	Resultant	Rotational		
	Node	L/C	X cm	Y cm	Z cm	cm	rX rad	rY rad	rZ rad
Max X	62	18 1.1(PP+C)	3.561	0.004	1.020	3.704	0.001	0.000	0.002
Min X	62	21 1.1(PP+C)	-3.586	-0.024	-1.073	3.743	-0.001	-0.000	-0.002
Max Y	257	7 SZ	0.485	0.753	2.421	2.581	0.003	0.000	0.001
Min Y	257	25 1.1(PP+C)	-1.402	-4.617	-2.768	5.563	-0.009	-0.000	-0.004
Max Z	330	22 1.1(PP+C)	1.471	0.006	3.040	3.377	0.003	0.000	0.001
Min Z	466	25 1.1(PP+C)	-1.456	-0.391	-3.405	3.724	-0.004	-0.000	0.001
Max rX	299	18 1.1(PP+C)	3.280	-1.003	1.143	3.616	0.008	0.000	0.003
Min rX	260	25 1.1(PP+C)	-1.352	-1.331	-2.832	3.408	-0.014	-0.000	0.005
Max rY	432	22 1.1(PP+C)	0.846	-0.069	1.802	1.992	0.000	0.005	0.004
Min rY	432	25 1.1(PP+C)	-0.855	-0.307	-1.796	2.013	-0.006	-0.005	0.001
Max rZ	259	22 1.1(PP+C)	1.369	-2.417	2.772	3.924	-0.006	0.000	0.010
Min rZ	198	25 1.1(PP+C)	-1.402	-0.342	-2.542	2.923	-0.001	-0.000	-0.018
Max Rs	257	25 1.1(PP+C)	-1.402	-4.617	-2.768	5.563	-0.009	-0.000	-0.004

Tabla 9.1 Desplazamientos máximos horizontales en dirección X y dirección Z.

Dirección X

$$\Delta_{adm} = 0.012 \times h = 0.012 \times 7.65 \text{ cm} = \mathbf{9.18 \text{ cm}}$$

$$\Delta_{real} = 3.586 \text{ cm} < \Delta_{adm} ; \mathbf{O.k.}$$

Dirección Z

$$\Delta_{adm} = 0.012 \times h = 0.012 \times 690 \text{ cm} = \mathbf{9.18 \text{ cm}}$$

$$\Delta_{real} = 3.40 \text{ cm} < \Delta_{adm} ; \mathbf{O.k.}$$

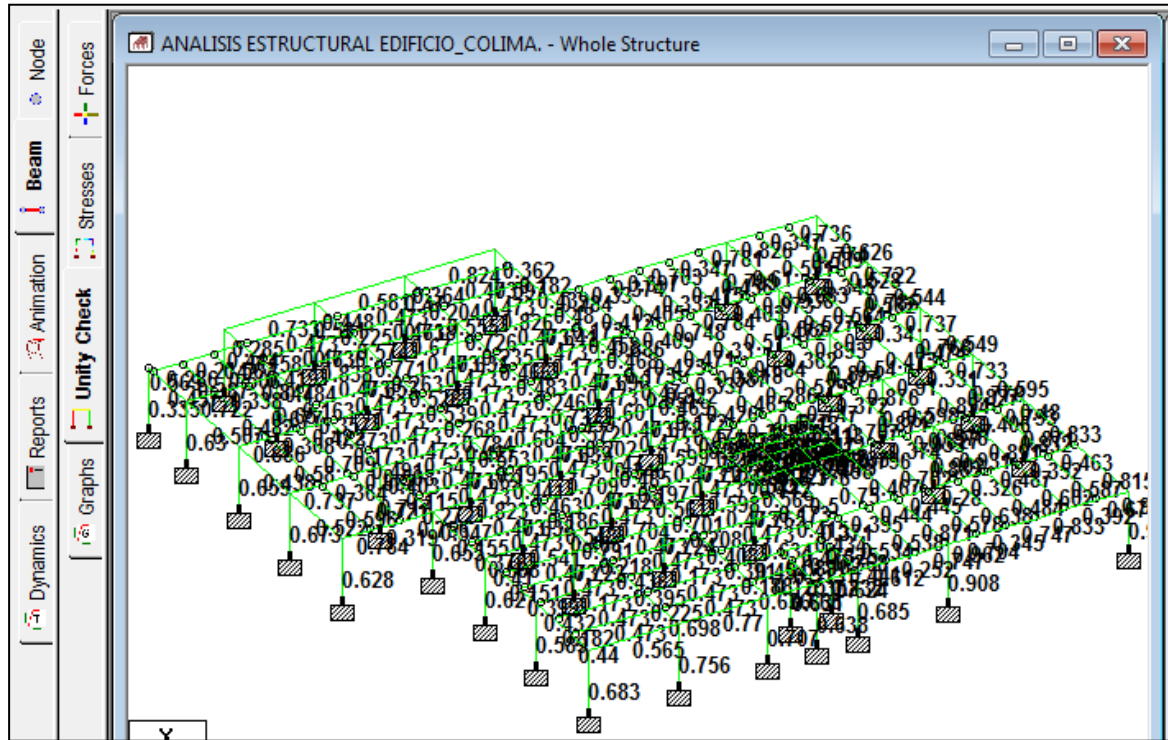
Los desplazamientos verticales (deflexiones en vigas) también deberán cumplir con el mismo reglamento y con las normas que rijan en los casos especiales que así se requieran.

			Horizontal	Vertical	Horizontal	Resultant	Rotational		
	Node	L/C	X cm	Y cm	Z cm	cm	rX rad	rY rad	rZ rad
Max X	62	18 1.1(PP+C)	3.561	0.004	1.020	3.704	0.001	0.000	0.002
Min X	62	21 1.1(PP+C)	-3.586	-0.024	-1.073	3.743	-0.001	-0.000	-0.002
Max Y	257	7 SZ	0.485	0.753	2.421	2.581	0.003	0.000	0.001
Min Y	257	25 1.1(PP+C)	-1.402	-4.617	-2.768	5.563	-0.009	-0.000	-0.004
Max Z	330	22 1.1(PP+C)	1.471	0.006	3.040	3.377	0.003	0.000	0.001
Min Z	466	25 1.1(PP+C)	-1.456	-0.391	-3.405	3.724	-0.004	-0.000	0.001
Max rX	299	18 1.1(PP+C)	3.280	-1.003	1.143	3.616	0.008	0.000	0.003
Min rX	260	25 1.1(PP+C)	-1.352	-1.331	-2.832	3.408	-0.014	-0.000	0.005
Max rY	432	22 1.1(PP+C)	0.846	-0.069	1.802	1.992	0.000	0.005	0.004
Min rY	432	25 1.1(PP+C)	-0.855	-0.307	-1.796	2.013	-0.006	-0.005	0.001
Max rZ	259	22 1.1(PP+C)	1.369	-2.417	2.772	3.924	-0.006	0.000	0.010
Min rZ	198	25 1.1(PP+C)	-1.402	-0.342	-2.542	2.923	-0.001	-0.000	-0.018
Max Rs	257	25 1.1(PP+C)	-1.402	-4.617	-2.768	5.563	-0.009	-0.000	-0.004

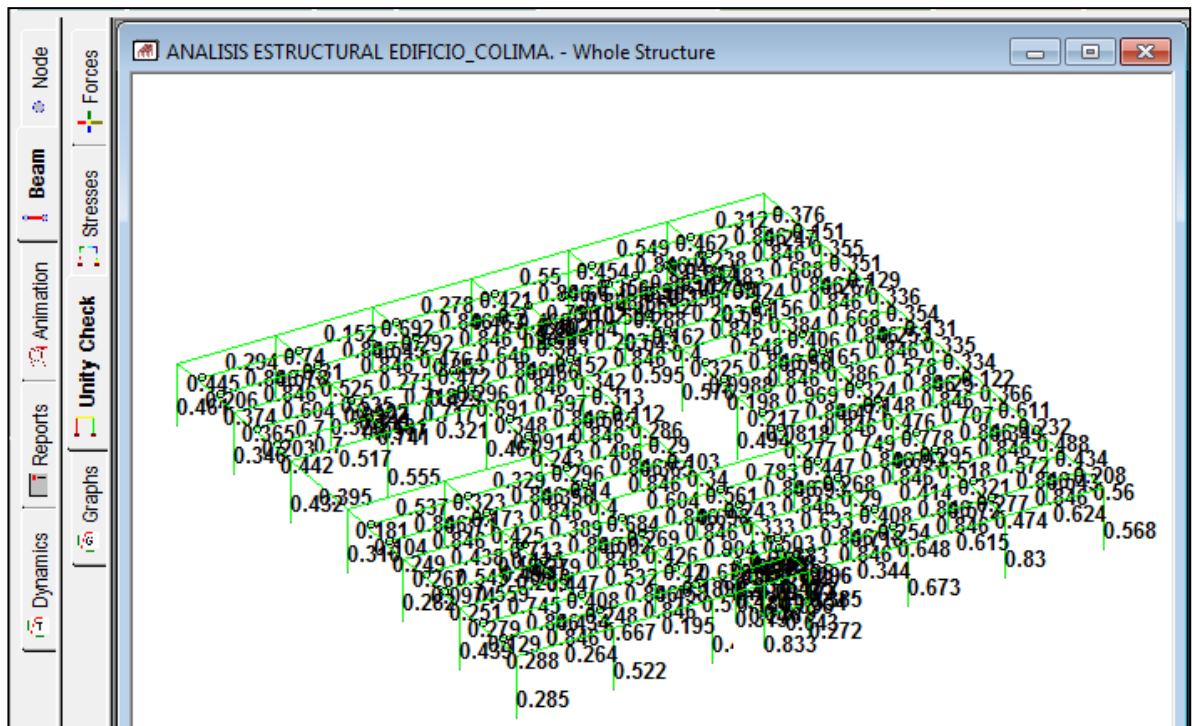
Tabla 9.2 Deflexión máxima vertical.



10 REVISION DE ESFUERZOS EN ELEMENTOS ESTRUCTURALES



Esfuerzos en columnas y vigas, Área de CESI y Estacionamiento_Nivel + 3.75m



Esfuerzos en columnas y vigas, Área de CESI y Estacionamiento_Nivel + 6.75m

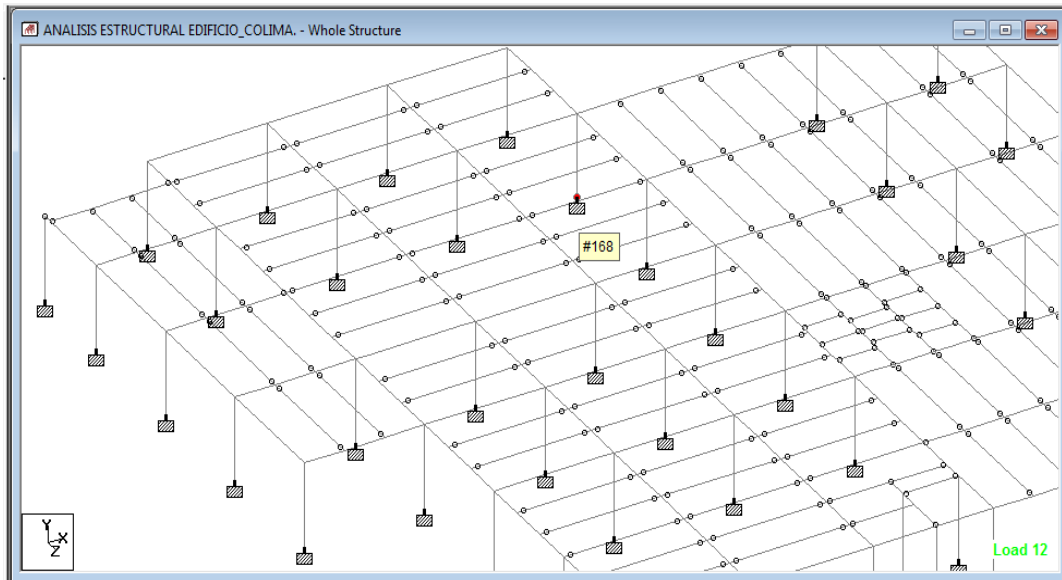


11 DISEÑO DE ELEMENTOS ESTRUCTURALES.

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 traves de liga.

De los datos obtenidos de la corrida con el programa STAAD.Pro se obtiene el momento máximo actuante en la columna para el diseño de las traves de liga.



Ubicación del nodo de columna.

ANALISIS ESTRUCTURAL EDIFICIO_COLIMA. - Support Reaction							
Node	L/C	Force-X kg	Force-Y kg	Force-Z kg	Moment-X MTon-m	Moment-Y MTon-m	Moment-Z MTon-m
168	25	-6987.804	36345.741	-26866.616	-66.746	-0.006	-23.946
168	22	12372.475	65538.444	25296.677	65.261	0.007	17.472
168	23	2652.987	37086.691	-26019.876	-64.590	-0.004	-2.304
168	24	2731.684	64797.495	24449.937	63.105	0.004	-4.170
168	21	-14833.571	45439.420	-9893.683	-23.813	-0.006	-42.273
168	18	20218.244	56444.765	8323.745	22.328	0.006	35.799
168	19	17302.399	47909.241	-7071.222	-16.627	0.003	29.866
168	20	-11917.726	53974.947	5501.282	15.142	-0.003	-36.340
168	17	2692.336	50942.094	-784.970	-0.742	0.000	-3.237

Momento máximo actuante en nodo de columna.



Diseño de la trabe de liga y/o contratrabe (CT-1)

Combinación de carga. No 25 (1.1PP+CM+Equipos+Arriate+CVinst.-0.33SX-1.1SZ)

Momento máximo actuante= 66.746 Ton-m

Dimensiones de diseño.

b= 30cm

d= 95cm

h= 100cm

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

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

$f''_c = 212.5 \text{ kg/cm}^2$

Área de acero propuesta por flexión.

$A_s = 20.28 \text{ cm}^2$ (4vars#8)

Obtención del Momento Resistente.

Considerando como trabe simplemente armada se tiene lo siguiente:

$F_R = 0.9$

$$M_R = F_R A_s f_y d (1 - 0.5q)$$

$$p = \frac{A_s}{bd} = 0.007$$

$$q = \frac{p f_y}{f'_c} = 0.141$$

$M_R = 67.70 \text{ Ton-m} > 66.75 \text{ Ton-m}$OK, Se acepta.

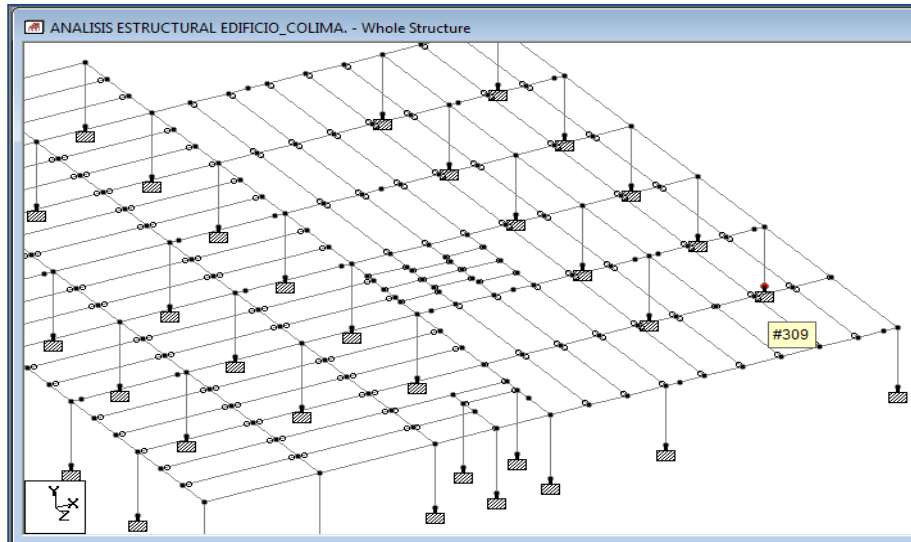
Considerando ahora en lecho superior de contra trabe (área de compresión) 2 Vars#8



Diseño de la trabe de liga y/o contratrabe (CT-2)

Combinación de carga. No 22 (1.1PP+CM+Equipos+Arriate+CVinst.+0.33SX+1.1SZ)

Momento máximo actuante= 102.44 Ton-m



Ubicación del nodo de columna.

ANALISIS ESTRUCTURAL EDIFICIO_COLIMA. - Support Reaction							
Node	L/C	Force-X kg	Force-Y kg	Force-Z kg	Moment-X MTon-m	Moment-Y MTon-m	Moment-Z MTon-m
309	22	5974.491	48964.515	47701.866	102.440	0.007	19.650
309	25	-10176.244	29629.895	-41719.591	-96.600	-0.007	-14.819
309	24	-7766.070	36953.388	42057.148	90.697	0.004	-9.786
309	23	3564.319	41641.021	-36074.873	-84.856	-0.004	14.617
309	18	21161.585	60414.265	24965.516	50.587	0.007	52.231
309	21	-25363.340	18180.137	-18983.237	-44.747	-0.006	-47.400
309	20	-24640.289	20377.187	6149.784	11.442	-0.003	-45.890
309	19	20438.534	58217.219	-167.505	-5.602	0.003	50.721
309	17	-2100.876	39297.205	2991.139	2.920	0.000	2.416

Momento máximo actuante en nodo de columna.

Dimensiones de diseño.

b= 30cm

d= 95cm

d' =5cm

h= 100cm

fy= 4200 kg/cm²

f'c = 250 kg/cm²

f''c = 212.5 kg/cm²



Considerando como trabe doblemente armada se tiene lo siguiente:

Área de acero propuesta (Lecho Inferior)

$A_s = 31.76 \text{ cm}^2$ (4vars#10)

Área de acero propuesta (Lecho Superior)

$A_s' = 15.88 \text{ cm}^2$ (2vars#10)

Obtención del Momento Resistente.

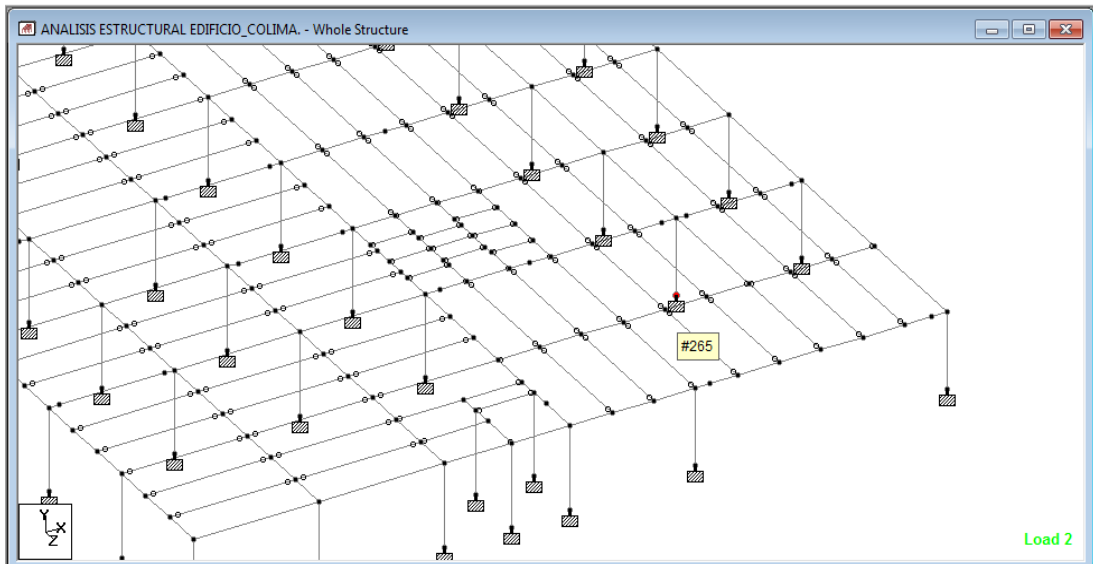
$F_R = 0.9$

$$M_R = F_R \left[(A_s - A_s') f_y \left(d - \frac{a}{2} \right) + A_s' f_y (d - d') \right]$$

$$a = \frac{(A_s - A_s') f_y}{f_c' b} = 10.462$$

$M_R = 107.91 \text{ Ton-m} > 102.44 \text{ Ton-m}$OK, Se acepta.

Diseño del dado de concreto



Ubicación del nodo de columna.



ANÁLISIS ESTRUCTURAL EDIFICIO_COLIMA. - Support Reaction							
Node	L/C	Force-X kg	Force-Y kg	Force-Z kg	Moment-X MTon-m	Moment-Y MTon-m	Moment-Z MTon-m
265	22	9504.858	125.21651E	28626.295	52.380	0.007	46.125
265	24	-19807.837	123.87040E	26238.464	47.980	0.004	-18.768
265	18	41782.838	122.59366E	16155.355	26.906	0.007	117.852
265	19	40136.986	118.99939E	3078.148	0.669	0.003	114.440
265	17	-7894.573	118.55301E	5637.034	6.453	0.000	7.992
265	20	-55926.138	118.10663E	8195.919	12.237	-0.003	-98.456
265	21	-57571.986	114.51236E	-4881.289	-13.999	-0.006	-101.868
265	23	4018.689	113.23561E	-14964.399	-35.073	-0.004	34.752
265	25	-25294.002	111.88951E	-17352.231	-39.474	-0.007	-30.141

Carga Axial máxima actuante en nodo de columna.

Combinación de carga. No 25 (1.1PP+CM+Equipos+Arriate+CVinst.+0.33SX+1.1SZ)

Carga Axial máxima actuante= 125.21 Ton

Dimensiones de dado de concreto

b= 90cm

d= 90cm

Área de acero mínimo $A_s = 0.01bd'$

Área de dado = 90 cm x 90 cm = 81.0 cm²

Ocupando varilla del # 8, área de acero necesaria = 81.0 cm² / 5.07 cm² = **15.98**

Acero de refuerzo propuesto:

16 # 8, $A_{s\text{ prop}} = 16 \times 5.07 \text{ cm}^2 = 81.12 \text{ cm}^2 > 81.0 \text{ cm}^2$ OK, **Se acepta**

Revisión del dado de concreto por carga axial de compresión.

$$P_u = F_R (A_g f'_c + A_s f_y)$$

$A_g = 8100 \text{ cm}^2$

$A_s = 81.12 \text{ cm}^2$

$F_R = 0.65$

$P_u = 1,340,270.1 \text{ Kg} > 125,216.51 \text{ Kg}$



12 DISEÑO DE CIMENTACIÓN (ZAPATAS CORRIDAS)

Descargas de columnas para diseño de zapata corrida (Z-1)

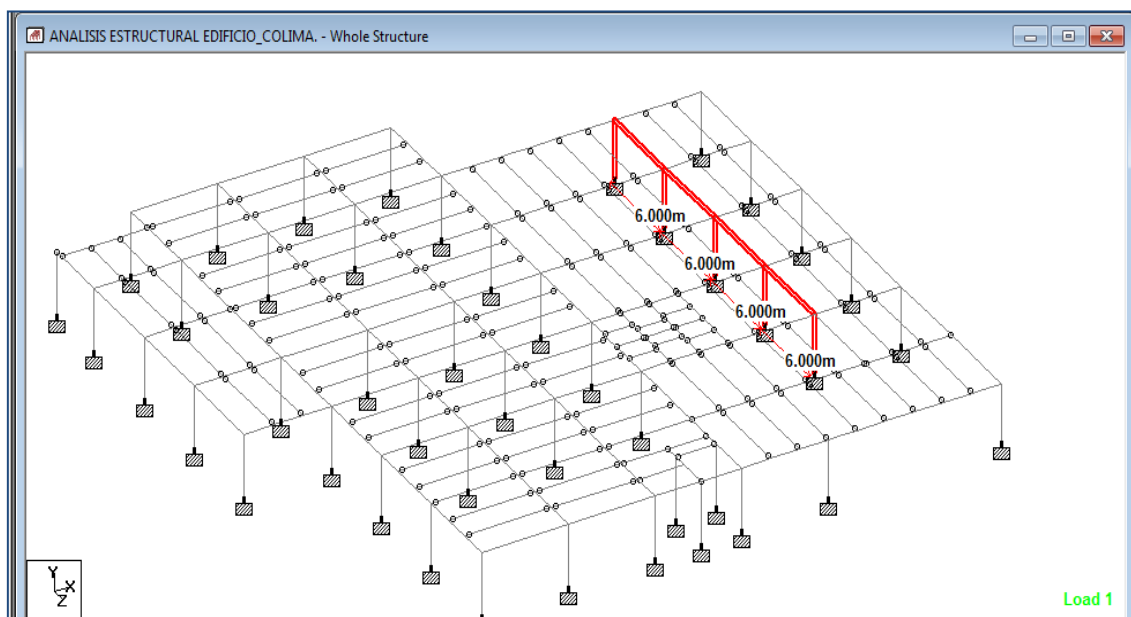
Combinación de carga: No 18 1.1 (PP+CM+Equipos+Arriate+CVinst.+ 0.33SX -1.1SZ)

Nodo No 261	Nodo No 246	Nodo No 263	Nodo No 264	Nodo No 265
$F_x = 21.44$ Ton	$F_x = 19.11$ Ton	$F_x = 19.25$ Ton	$F_x = 18.44$ Ton	$F_x = 41.76$ Ton
$F_y = 58.04$ Ton	$F_y = 98.78$ Ton	$F_y = 82.62$ Ton	$F_y = 70.78$ Ton	$F_y = 126.20$ Ton
$F_z = 15.27$ Ton	$F_z = 18.13$ Ton	$F_z = 17.60$ Ton	$F_z = 17.52$ Ton	$F_z = 14.74$ Ton
$M_x = 36.39$ Ton-m	$M_x = 39.28$ Ton-m	$M_x = 38.74$ Ton-m	$M_x = 39.35$ Ton-m	$M_x = 25.02$ Ton-m
$M_z = 51.66$ Ton-m	$M_z = 54.63$ Ton-m	$M_z = 54.09$ Ton-m	$M_z = 56.54$ Ton-m	$M_z = 116.44$ Ton-m

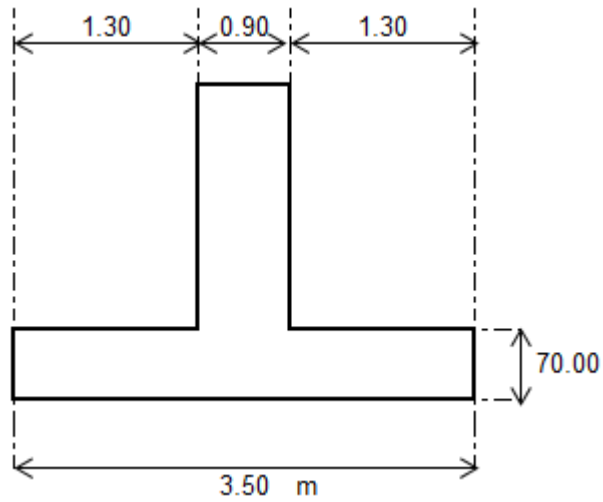
Datos de diseño

Peso volumetrico del concreto	=	2.4	Ton/m ³
Concreto clase I =	=	250	Kg/cm ²
Esfuerzo de fluencia del acero de refuerzo	=	4200	Kg/cm ²
Capacidad de carga admisible (Qadm)	=	19.63	Ton/m ²
Peso volumterico del suelo de relleno	=	1.77	Ton/m ³
Profundidad de desplante (D.f)	=	1.50	m
Factor de carga	=	1.4	Estructura del grupo B

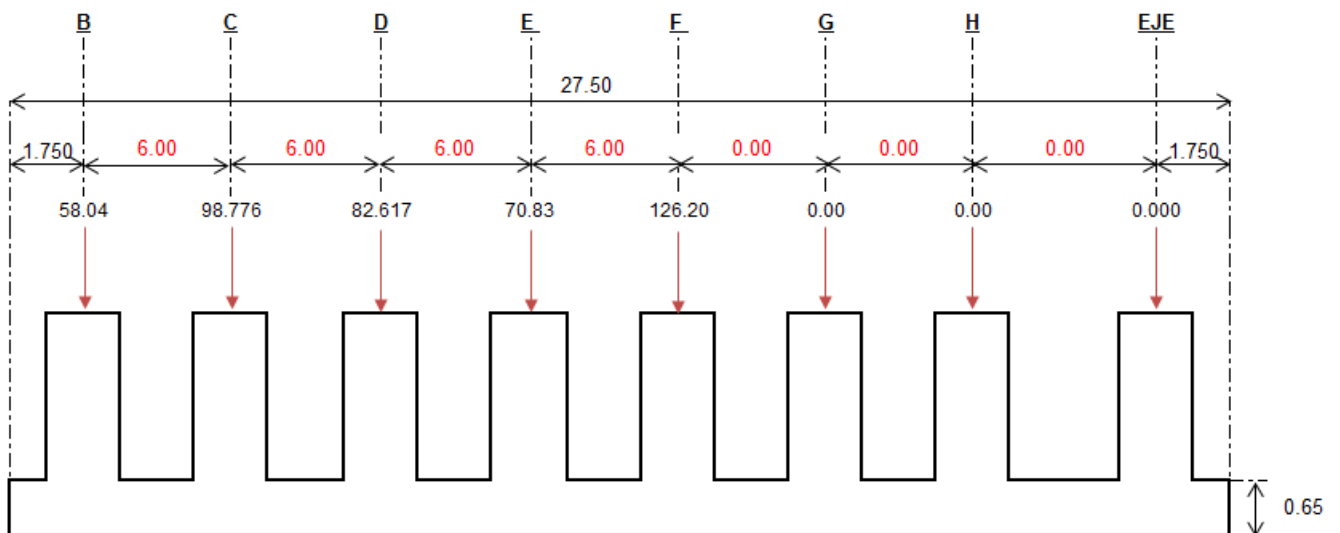
Dado de cimentacion	C2 =	0.90	m
	C1 =	0.90	m
	Lex =	1.75	m



Ubicación del eje de zapata corrida_Eje 7



Geometría de la Zapata Z-1 (Sentido Transversal)



Geometría de la Zapata Z-1 (Sentido Longitudinal)

$$\Sigma P = 436.5 \text{ Ton}$$

$$\text{Obtencion de la resultante } (X_R) = 15.240 \text{ m}$$

$$\text{Obtencion de la excentricidad} = \frac{L}{2} - X_R = 1.49 \text{ m}$$

Dimensiones propuestas de diseño

B= 3.50m

L= 27.50m



Obtención del peso de la Zapata + Relleno+Datos de concreto

$$\begin{aligned}
 W_{zapata} &= 150.150 \text{ Ton.} \\
 W_{dado} &= 8.262 \text{ Ton.} \\
 W_{relleno} &= 144.808 \text{ Ton.} - 6.093 \text{ Ton.} \\
 \Sigma &= 297.127 \text{ Ton.}
 \end{aligned}$$

Descarga axial total de diseño.

$$P_u = 733.59 \text{ Ton}$$

Momento generado por la excentricidad.

$$M_{u_e} = \Sigma P \cdot e$$

$$M_{u_e} = 436.5 \text{ Ton} \times 1.49\text{m} = 650.385 \text{ Ton}\cdot\text{m}$$

Módulo de sección elástico

$$S_x = \frac{B \times L^2}{6} = \frac{3.50 \times 756.3}{6} = 441.15 \text{ m}^3$$

$$S_z = \frac{B^2 \times L}{6} = \frac{12.25 \times 27.5}{6} = 56.15 \text{ m}^3$$

Sumatoria de momentos dirección X

$$\Sigma M_x = ((\Sigma F_z \cdot D_f) + \Sigma M_x) + M_{u_e}$$

$$\Sigma M_x = 951.629 \text{ Ton}\cdot\text{m}$$

Sumatoria de momentos dirección Z

$$\Sigma M_z = ((\Sigma F_x \cdot D_f) + \Sigma M_z)$$

$$\Sigma M_z = 513.167 \text{ Ton}\cdot\text{m}$$

Revisión de la capacidad de carga

$$f_1 = \frac{P_{tu}}{B \times L} + \frac{M_x}{S_x} + \frac{M_z}{S_z} = \frac{733.6}{96.25} + \frac{951.629}{441.15} + \frac{513.167}{56.15} = 18.92 \text{ Ton/m}^2 < 19.63 \text{ Ton/m}^2$$

$$f_2 = \frac{P_{tu}}{B \times L} + \frac{M_x}{S_x} - \frac{M_z}{S_z} = \frac{733.6}{96.25} + \frac{951.629}{441.15} - \frac{513.167}{56.15} = 0.64 \text{ Ton/m}^2 < 19.63 \text{ Ton/m}^2$$

$$f_3 = \frac{P_{tu}}{B \times L} + \frac{M_x}{S_x} - \frac{M_z}{S_z} = \frac{733.6}{96.25} - \frac{951.629}{441.15} + \frac{513.167}{56.15} = 14.60 \text{ Ton/m}^2 < 19.63 \text{ Ton/m}^2$$

$$f_4 = \frac{P_{tu}}{B \times L} + \frac{M_x}{S_x} - \frac{M_z}{S_z} = \frac{733.6}{96.25} - \frac{951.629}{441.15} - \frac{513.167}{56.15} = -3.68 \text{ Ton/m}^2 < 19.63 \text{ Ton/m}^2$$



Obtención de las excentricidades

$$e_x = \frac{M_x}{P_u} = \frac{951.63}{733.59} = 1.297 \text{ m}$$

$$e_z = \frac{M_z}{P_u} = \frac{513.17}{733.59} = 0.700 \text{ m}$$

$$B' = B - 2e_z = 2.10 \text{ m}$$

$$L' = L - 2e_x = 24.91 \text{ m}$$

Obtención de la presión neta última

$$q_{nu} = \frac{P_u}{B' \times L'} = 8.341 \text{ Ton/m}^2$$

Obtención del peralte requerido de la zapata. (Sentido Transversal)

$$M_u = \frac{q_{nu} \times l^2 \times B}{2}$$

$$M_u = \frac{8.341 \times 1.6900^2 \times 2.101}{2.0} = 14.81 \text{ Ton-m}$$

$$M_R = F_R \cdot b \cdot d^2 \cdot f'c \cdot q(1-0.5q)$$

$$d = \sqrt{\frac{M_u}{F_R \cdot b \cdot f'c \cdot q(1-0.5q)}}$$

$$d = 23.31 \text{ cm} \quad d = 20.0 \text{ cm}$$

Obtención del peralte requerido de la zapata. (Sentido Longitudinal)

$$M_u = \frac{q_{nu} \times l^2 \times L}{2}$$

$$M_u = \frac{8.341 \times 1.6900^2 \times 24.91}{2.0} = 175.55 \text{ Ton-m}$$

$$d = \sqrt{\frac{M_u}{F_R \cdot b \cdot f'c \cdot q(1-0.5q)}}$$

$$d = 80.26 \text{ cm} \quad \text{Dejamos } d = 65.0 \text{ cm}$$



Revisión como cortante perimetral y/o penetración

$$C1 + d = 0.90 + 0.65 = 1.55 \text{ m}$$

$$C2 + d = 0.90 + 0.65 = 1.55 \text{ m}$$

$$C_{AB} = 0.78 \text{ m}$$

$$C_{CD} = 0.78 \text{ m}$$

$$A \text{ falla} = [(C1 + d)(C2 + d)]$$

$$A \text{ falla} = 2.40 \text{ m}^2$$

$$b_o = 2 [(C1 + d) + (C2 + d)]$$

$$b_o = 6.20 \text{ m}$$

$$V_u = P_u - [q_{nu} * A \text{ falla}]$$

$$V_u = 127.85 - [8.34 * 2.4025]$$

$$V_u = 107.81 \text{ Ton}$$

Si $M_u > 0.2 V_u d$ Hay transmisión de momento

$$0.2 V_u d = 14.02 \text{ Ton}$$

$$M_{ux} = 39.28 \text{ Ton-m} > 14.02 \text{ Ton-m} \quad \text{Existe transmisión de momento}$$

$$M_{uz} = 116.439 \text{ Ton-m} < 14.02 \text{ Ton-m} \quad \text{Existe transmisión de momento}$$

Como hay transmisión de momento se tiene que:

$$\alpha_x = 1 - \frac{1}{1 + 0.67 \sqrt{\frac{C1+d}{C2+d}}} = 0.40$$

$$\alpha_z = 1 - \frac{1}{1 + 0.67 \sqrt{\frac{C2+d}{C1+d}}} = 0.40$$

$$A_{cr} = 2d [c1 + c2 + 2d]$$

$$A_{cr} = 2 * 65.0 * [90.00 + 90.0 + 130.0] = 40300 \text{ cm}^2$$



$$J_c = \frac{d(C1+d)^3}{6} + \frac{(C1+d)d^3}{6} + \frac{d(C2+d)(C1+d)^2}{2}$$

$$J_c = 168462395.83 \text{ cm}^4$$

$$v_{uAB} = \frac{V_u}{A_{cr}} + \frac{\alpha \cdot M_u \cdot C_{AB}}{J_c}$$

$$v_{uCD} = \frac{V_u}{A_{cr}} - \frac{\alpha \cdot M_u \cdot C_{CD}}{J_c}$$

$$v_u = \frac{V_u}{A_{cr}} + \frac{\alpha_x * M_{ux} * C_{AB}}{J_c} + \frac{\alpha_z * M_{uz} * C_{CD}}{J_c} < V_{CR}$$

$$v_u = 2.68 + 0.72 + 2.149$$

$$v_u = 5.55 \text{ kg/cm}^2$$

Obtención del esfuerzo de diseño por penetración de cortante.

$$V_{CR} = 0.7 \sqrt{f'_c} = 9.90 \text{ kg/cm}^2 \quad \text{Ok, pasa por penetración, Esta Bien}$$

$$\% \text{ Eficiencia de peralte} = 56.1 \%$$

Revisión como elemento ancho

$$B > 4d = 3.50 > 2.60 \quad \text{Se cumple}$$

$$h < 60 = 65.0 < 60 \quad \text{No Cumple}$$

$$V_u = q_{nu} (l-d)$$

$$V_u = 8.34 \times (1.30 - 0.65) = 5.42 \text{ Ton}$$

$$M_u = \frac{q_{nu} (l-d)^2}{2} = \frac{8.34 \times (1.30 - 0.65)^2}{2} = 1.76 \text{ Ton-m}$$

$$\frac{M_u}{V_u \cdot d} < 2 = 0.50 < 2 \quad \text{Se cumple}$$

$$v_u = \frac{V_u}{b \cdot d} = \frac{5421.91}{100.0 \times 65.00} = 0.83 \text{ Kg/cm}^2$$

$$V_{CR} = 0.4 \sqrt{200} = 5.66 \text{ Kg/cm}^2 \quad \text{Ok, Bien}$$



Diseño por flexión de la zapata.

$$A_{smin} = \frac{0.7 \sqrt{250.0}}{4200.0} 100 * 65.00 = 17.13 \text{ cm}^2$$

$$A_{sB} = \frac{M_u}{FR * F_y * z * d} = \frac{1480851.851}{0.9 * 4200 * 0.85 * 65.0} = 7.09 \text{ cm}^2$$

$$\text{No. } 6 = \frac{17.13}{2.85} = 6.01 \quad S = 16.64 \text{ cm}$$

Se proponen varillas del # 6 @ 15 cm (en sentido transversal, lecho inferior)

$$A_{sL} = \frac{M_{uL}}{FR * F_y * z * d} = \frac{17554641.714}{0.9 * 4200 * 0.85 * 65.0} = 84.06 \text{ cm}^2$$

$$\text{No. } 10 = \frac{84.06}{7.92} = 10.62 \quad S = 9.42 \text{ cm}$$

Se proponen varillas del # 10 @ 10 cm (en sentido longitudinal, lecho inferior)



ANEXO 1

CESI Y ESTACIONAMIENTO

EDIFICIO_COLIMA

```

*****
*
*          STAAD.Pro V8i SELECTseries6          *
*          Version  20.07.11.45                 *
*          Proprietary Program of              *
*          Bentley Systems, Inc.               *
*          Date=    APR 20, 2018               *
*          Time=    11:27: 8                   *
*
*          USER ID:                            *
*****

```

1. STAAD SPACE

INPUT FILE: C:\Users\JLN\Desktop\Elevador\ANALISIS ESTRUCTURAL EDIFICIO_COLIMA..STD

2. START JOB INFORMATION

3. ENGINEER DATE 16-MAR-18

4. END JOB INFORMATION

5. INPUT WIDTH 79

6. UNIT METER MTON

7. JOINT COORDINATES

```

8. 1 0 0 1.5; 2 0 0 6; 4 0 0 24; 5 0 3.825 1.5; 6 0 3.825 6; 9 0 3.825 12
9. 12 0 3.825 18; 15 0 3.825 24; 16 6 0 0; 17 6 0 6; 19 6 0 18; 20 6 0 24
10. 21 6 0 30; 22 6 0 36; 23 6 0 42; 24 6 3.825 0; 25 6 3.825 2; 26 6 3.825 4
11. 27 6 3.825 6; 28 6 3.825 8; 29 6 3.825 10; 30 6 3.825 12; 31 6 3.825 14
12. 32 6 3.825 16; 33 6 3.825 18; 34 6 3.825 20; 35 6 3.825 22; 36 6 3.825 24
13. 37 6 3.825 26; 38 6 3.825 28; 39 6 3.825 30; 40 6 3.825 32; 41 6 3.825 34
14. 42 6 3.825 36; 43 6 3.825 38; 44 6 3.825 40; 45 6 3.825 42; 46 6 7.65 6
15. 47 6 7.65 8; 48 6 7.65 10; 49 6 7.65 12; 50 6 7.65 14; 51 6 7.65 16
16. 52 6 7.65 18; 53 6 7.65 24; 54 6 7.65 26; 55 6 7.65 28; 56 6 7.65 30
17. 57 6 7.65 32; 58 6 7.65 34; 59 6 7.65 36; 60 6 7.65 38; 61 6 7.65 40
18. 62 6 7.65 42; 63 10.3 7.65 32; 64 10.3 7.65 34; 65 11.1 7.65 32
19. 66 11.1 7.65 34; 67 11.275 7.65 14; 68 11.275 7.65 16; 69 12 0 0; 70 12 0 6
20. 72 12 0 18; 73 12 0 24; 74 12 0 30; 75 12 0 42; 76 12 1.9125 0; 77 12 3.825 0
21. 78 12 3.825 2; 79 12 3.825 4; 80 12 3.825 6; 81 12 3.825 8; 82 12 3.825 10
22. 83 12 3.825 12; 84 12 3.825 14; 85 12 3.825 16; 86 12 3.825 18; 87 12 3.825 20
23. 88 12 3.825 22; 89 12 3.825 24; 90 12 3.825 26; 91 12 3.825 28; 92 12 3.825 30
24. 93 12 3.825 32; 94 12 3.825 34; 95 12 3.825 36; 96 12 3.825 38; 97 12 3.825 40
25. 98 12 3.825 42; 99 12 7.65 6; 100 12 7.65 8; 101 12 7.65 10; 102 12 7.65 12
26. 103 12 7.65 14; 104 12 7.65 16; 105 12 7.65 18; 106 12 7.65 24; 107 12 7.65 26
27. 108 12 7.65 28; 109 12 7.65 30; 110 12 7.65 32; 111 12 7.65 34; 112 12 7.65 36
28. 113 12 7.65 38; 114 12 7.65 40; 115 12 7.65 42; 116 12.725 7.65 14
29. 117 12.725 7.65 16; 118 18 0 0; 119 18 0 6; 121 18 0 18; 122 18 0 24
30. 123 18 0 30; 124 18 0 42; 125 18 1.9125 0; 126 18 3.825 0; 127 18 3.825 2
31. 128 18 3.825 4; 129 18 3.825 6; 130 18 3.825 8; 131 18 3.825 10
32. 132 18 3.825 12; 133 18 3.825 14; 134 18 3.825 16; 135 18 3.825 18
33. 136 18 3.825 20; 137 18 3.825 22; 138 18 3.825 24; 139 18 3.825 26
34. 140 18 3.825 28; 141 18 3.825 30; 142 18 3.825 32; 143 18 3.825 34
35. 144 18 3.825 36; 145 18 3.825 38; 146 18 3.825 40; 147 18 3.825 42
36. 148 18 7.65 6; 149 18 7.65 8; 150 18 7.65 10; 151 18 7.65 12; 152 18 7.65 14
37. 153 18 7.65 16; 154 18 7.65 18; 155 18 7.65 20; 156 18 7.65 22; 157 18 7.65 24
38. 158 18 7.65 26; 159 18 7.65 28; 160 18 7.65 30; 161 18 7.65 32; 162 18 7.65 34

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39. 163 18 7.65 36; 164 18 7.65 38; 165 18 7.65 40; 166 18 7.65 42; 167 24 0 0
40. 168 24 0 6; 169 24 0 12; 170 24 0 18; 171 24 0 24; 172 24 0 30; 173 24 0 42
41. 174 24 3.825 0; 175 24 3.825 2; 176 24 3.825 4; 177 24 3.825 6; 178 24 3.825 8
42. 179 24 3.825 10; 180 24 3.825 12; 181 24 3.825 14; 182 24 3.825 16
43. 183 24 3.825 18; 184 24 3.825 20; 185 24 3.825 22; 186 24 3.825 24
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219. ALPHA 1.2E-005
220. DAMP 0.03
221. TYPE STEEL
222. STRENGTH FY 25819.2 FU 41584 RY 1.5 RT 1.2
223. ISOTROPIC CONCRETE
224. E 2.21467E+006
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227. ALPHA 1E-005
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229. TYPE CONCRETE
230. STRENGTH FCU 2812.28
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261. 518 TO 522 585 TO 590 609 TO 613 615 720 923 TABLE ST W14X193
262. 559 879 TABLE TB W18X60 WP 0.25 TH 0.019 BW 0.25 BT 0.019

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264. 376 379 382 458 461 464 467 473 565 737 738 741 742 746 TO 749 755 TO 758 -
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466. 113 START MZ
467. 113 END MZ
468. 114 START MZ
469. 114 END MZ
470. 210 START MZ
471. 210 END MZ
472. 211 START MZ
473. 211 END MZ
474. 308 START MZ
475. 936 END MZ
476. 309 START MZ
477. 934 END MZ
478. 401 START MZ
479. 401 END MZ
480. 402 START MZ
481. 402 END MZ
482. 488 START MZ
483. 488 END MZ
484. 489 START MZ
485. 489 END MZ
486. 582 START MZ

STAAD SPACE

-- PAGE NO. 10

487. 582 END MZ
488. 583 START MZ
489. 583 END MZ
490. 99 START MZ
491. 99 END MZ
492. 194 START MZ
493. 194 END MZ
494. 288 START MZ
495. 491 START MX
496. 491 END MX
497. 452 START MX
498. 452 END MX
499. 404 START MX
500. 404 END MX
501. 370 START MX
502. 370 END MX
503. 726 START MZ
504. 851 END MZ
505. 839 END MZ
506. 87 START MZ
507. 87 END MZ
508. 182 START MZ
509. 182 END MZ
510. 276 START MZ
511. 276 END MZ
512. 732 START MX
513. 732 END MX
514. 739 START MX
515. 739 END MX
516. 740 START MX
517. 740 END MX
518. 743 START MX
519. 743 END MX
520. 744 START MX
521. 744 END MX
522. 750 START MX
523. 750 END MX
524. 751 START MX
525. 751 END MX
526. 745 START MX
527. 745 END MX
528. 752 START MX
529. 752 END MX
530. 753 START MX
531. 753 END MX
532. 759 START MX
533. 759 END MX
534. 760 START MX
535. 760 END MX
536. 754 START MX
537. 754 END MX
538. 761 START MX
539. 761 END MX
540. 762 START MX
541. 762 END MX
542. 768 START MX

STAAD SPACE

-- PAGE NO. 11

543. 896 END MX
544. 769 START MX
545. 905 END MX
546. 763 START MX
547. 906 END MX
548. 770 START MX
549. 770 END MX
550. 771 START MX
551. 771 END MX
552. 772 START MZ
553. 774 START MX
554. 774 END MX
555. 775 START MX
556. 775 END MX
557. 779 START MX
558. 779 END MX
559. 778 START MX
560. 778 END MX
561. 782 START MX
562. 782 END MX
563. 783 START MX
564. 783 END MX
565. 788 START MX
566. 788 END MX
567. 789 START MX
568. 789 END MX
569. 790 START MX
570. 790 END MX
571. 791 START MX
572. 791 END MX
573. 816 START MX
574. 816 END MX
575. 815 START MX
576. 815 END MX
577. 817 START MX
578. 817 END MX
579. 818 START MX
580. 818 END MX
581. 819 START MX
582. 819 END MX
583. 820 START MX
584. 820 END MX
585. 821 START MX
586. 821 END MX
587. 822 START MX
588. 822 END MX
589. 828 START MX
590. 828 END MX
591. 829 START MX
592. 829 END MX
593. 830 START MX
594. 830 END MX
595. 831 START MX
596. 831 END MX
597. 832 END MZ
598. 845 START MX

STAAD SPACE

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599. 845 END MX
600. 844 START MX
601. 844 END MX
602. 847 START MX
603. 847 END MX
604. 846 START MX
605. 846 END MX
606. 849 START MX
607. 849 END MX
608. 848 START MX
609. 848 END MX
610. 855 END MX
611. 866 START MZ
612. 866 END MZ
613. 867 START MZ
614. 867 END MZ
615. 891 START MZ
616. 891 END MZ
617. 895 904 907 START MZ
618. 895 904 907 END MZ
619. 893 898 901 START MZ
620. 893 898 901 END MZ
621. 910 START MX
622. 911 END MX
623. 824 END MX
624. 827 END MZ
625. 825 START MZ
626. 914 START MZ
627. 930 END MZ
628. 937 END MX
629. 938 START MX
630. 930 START MZ
631. 933 START MZ
632. 933 END MZ
633. 940 START MZ
634. 940 END MZ
635. SLAVE ZX MASTER 183 JOINT 5 6 9 12 15 24 TO 45 77 TO 98 126 TO 147 -
636. 174 TO 182 184 TO 195 219 222 225 228 231 237 267 270 273 276 279 285 311 -
637. 314 317 320 323 329
638. SLAVE ZX MASTER 205 JOINT 46 TO 68 99 TO 117 148 TO 166 196 TO 218 -
639. 238 TO 260 286 TO 304 330 TO 348
640. LOAD 1 LOADTYPE NONE TITLE P.P
641. SELFWEIGHT Y -1
642. LOAD 2 LOADTYPE NONE TITLE CM
643. MEMBER LOAD
644. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GY -0.4
645. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -
646. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
647. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GY -0.798
648. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
649. 921 UNI GY -0.389
650. 77 TO 80 104 TO 106 109 TO 114 116 TO 119 174 175 199 TO 201 204 TO 211 213 -
651. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
652. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GY -0.778
653. 24 45 TO 53 81 102 176 197 270 291 322 TO 324 373 391 455 473 547 565 733 -
654. 734 TO 736 784 TO 787 797 TO 801 803 804 813 814 823 833 TO 835 842 843 854 -

STAAD SPACE

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655. 856 880 881 909 939 UNI GY -0.1
656. 893 895 898 901 904 907 UNI GY -0.5985
657. 925 928 929 CON GY -0.373
658. LOAD 3 LOADTYPE NONE TITLE CVINST
659. MEMBER LOAD
660. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -
661. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
662. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GY -0.36
663. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GY -0.18
664. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
665. 921 UNI GY -0.07
666. 77 TO 80 104 TO 106 109 TO 114 116 TO 121 174 175 199 TO 201 204 TO 211 213 -
667. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
668. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GY -0.14
669. 893 895 898 901 904 907 UNI GY -0.27
670. 925 928 929 CON GY -0.46
671. LOAD 4 LOADTYPE NONE TITLE EQUIPOS
672. MEMBER LOAD
673. 120 121 163 174 175 UNI GY -0.12
674. 116 117 UNI GY -0.236
675. 371 372 450 451 492 493 UNI GY -1.144
676. 370 404 434 452 491 527 UNI GY -1.83
677. LOAD 5 LOADTYPE NONE TITLE ARRIATE
678. MEMBER LOAD
679. 866 867 891 UNI GY -1.8
680. 866 867 CON GY -0.75
681. LOAD 6 LOADTYPE NONE TITLE SX
682. MEMBER LOAD
683. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GX 0.4
684. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GY 0.4
685. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GZ 0.4
686. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -
687. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
688. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GX 0.798
689. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -
690. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
691. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GY 0.798
692. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -
693. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
694. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GZ 0.798
695. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
696. 921 UNI GX 0.389
697. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
698. 921 UNI GY 0.389
699. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
700. 921 UNI GZ 0.389
701. 77 TO 80 104 TO 106 109 TO 114 116 TO 121 174 175 199 TO 201 204 TO 211 213 -
702. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
703. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GX 0.778
704. 77 TO 80 104 TO 106 109 TO 114 116 TO 121 174 175 199 TO 201 204 TO 211 213 -
705. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
706. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GY 0.778
707. 77 TO 80 104 TO 106 109 TO 114 116 TO 121 174 175 199 TO 201 204 TO 211 213 -
708. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
709. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GZ 0.778
710. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -

711. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
 712. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GX 0.36
 713. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -
 714. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
 715. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GY 0.36
 716. 82 TO 101 177 TO 196 271 TO 290 732 739 740 743 TO 745 750 TO 754 759 TO 763 -
 717. 770 771 774 775 778 779 782 783 788 TO 791 793 TO 796 802 815 TO 822 824 -
 718. 828 TO 831 844 TO 849 868 TO 875 894 903 906 908 914 940 UNI GZ 0.36
 719. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GX 0.18
 720. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GY 0.18
 721. 81 102 176 197 270 291 797 TO 801 823 833 TO 835 854 855 909 939 UNI GZ 0.18
 722. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
 723. 921 UNI GX 0.07
 724. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
 725. 921 UNI GY 0.07
 726. 103 107 108 115 198 202 203 212 292 310 392 396 397 403 474 490 566 584 -
 727. 921 UNI GZ 0.07
 728. 77 TO 80 104 TO 106 109 TO 114 116 TO 121 174 175 199 TO 201 204 TO 211 213 -
 729. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
 730. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GX 0.14
 731. 77 TO 80 104 TO 106 109 TO 114 116 TO 121 174 175 199 TO 201 204 TO 211 213 -
 732. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
 733. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GY 0.14
 734. 77 TO 80 104 TO 106 109 TO 114 116 TO 121 174 175 199 TO 201 204 TO 211 213 -
 735. 214 293 TO 309 368 369 371 372 393 TO 395 398 TO 402 405 406 450 451 453 -
 736. 454 475 TO 489 492 493 567 TO 583 884 885 934 936 UNI GZ 0.14
 737. MEMBER LOAD
 738. 120 121 163 174 175 UNI GX 0.12
 739. 120 121 163 174 175 UNI GY 0.12
 740. 120 121 163 174 175 UNI GZ 0.12
 741. 116 117 UNI GX 0.236
 742. 116 117 UNI GY 0.236
 743. 116 117 UNI GZ 0.236
 744. MEMBER LOAD
 745. 371 372 450 451 492 493 UNI GX 1.144
 746. 371 372 450 451 492 493 UNI GY 1.144
 747. 371 372 450 451 492 493 UNI GZ 1.144
 748. 370 404 434 452 491 527 UNI GX 1.83
 749. 370 404 434 452 491 527 UNI GY 1.83
 750. 370 404 434 452 491 527 UNI GZ 1.83
 751. 866 867 891 UNI GX 1.8
 752. 866 867 891 UNI GY 1.8
 753. 866 867 891 UNI GZ 1.8
 754. 866 867 CON GX 0.75
 755. 866 867 CON GY 0.75
 756. 866 867 CON GZ 0.75
 757. SPECTRUM SRSS X 1 ACC SCALE 9.81 DAMP 0.05 LIN
 758. 0 0.538; 0.1 0.538; 0.2 0.538; 0.3 0.538; 0.4 0.538; 0.5 0.538; 0.6 0.538
 759. 0.7 0.538; 0.8 0.538; 0.9 0.538; 1 0.538; 1.1 0.538; 1.2 0.538; 1.3 0.51
 760. 1.4 0.486; 1.5 0.464; 1.6 0.445; 1.7 0.427; 1.8 0.411; 1.9 0.397; 2 0.384
 761. 2.1 0.372; 2.2 0.36; 2.3 0.35; 2.4 0.34; 2.5 0.331; 2.6 0.323; 2.7 0.315
 762. 2.8 0.307; 2.9 0.3; 3 0.294; 3.1 0.287; 3.2 0.281; 3.3 0.276; 3.4 0.27
 763. 3.5 0.265; 3.6 0.26; 3.7 0.256; 3.8 0.251; 3.9 0.247; 4 0.243; 4.1 0.239
 764. 4.2 0.235; 4.3 0.231; 4.4 0.228; 4.5 0.225; 4.6 0.221; 4.7 0.218; 4.8 0.215
 765. 4.9 0.212; 5 0.21
 766. MEMBER LOAD

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767. 24 45 TO 53 81 102 176 197 270 291 322 TO 324 373 391 455 473 547 565 733 -
 768. 734 TO 736 784 TO 787 797 TO 801 803 804 813 814 823 833 TO 835 842 843 854 -
 769. 856 880 881 909 939 UNI GX 0.1
 770. 24 45 TO 53 81 102 176 197 270 291 322 TO 324 373 391 455 473 547 565 733 -
 771. 734 TO 736 784 TO 787 797 TO 801 803 804 813 814 823 833 TO 835 842 843 854 -
 772. 856 880 881 909 939 UNI GY 0.1
 773. 24 45 TO 53 81 102 176 197 270 291 322 TO 324 373 391 455 473 547 565 733 -
 774. 734 TO 736 784 TO 787 797 TO 801 803 804 813 814 823 833 TO 835 842 843 854 -
 775. 856 880 881 909 939 UNI GZ 0.1
 776. SELFWEIGHT X 1
 777. SELFWEIGHT Y 1
 778. SELFWEIGHT Z 1
 779. MEMBER LOAD
 780. 893 895 898 901 904 907 UNI GX 0.5985
 781. 893 895 898 901 904 907 UNI GY 0.5985
 782. 893 895 898 901 904 907 UNI GZ 0.5985
 783. 893 895 898 901 904 907 UNI GX 0.27
 784. 893 895 898 901 904 907 UNI GY 0.27
 785. 893 895 898 901 904 907 UNI GZ 0.27
 786. 925 928 929 CON GX 0.373
 787. 925 928 929 CON GY 0.373
 788. 925 928 929 CON GZ 0.373
 789. 925 928 929 CON GX 0.46
 790. 925 928 929 CON GY 0.46
 791. 925 928 929 CON GZ 0.46
 792. LOAD 7 LOADTYPE NONE TITLE SZ
 793. SPECTRUM SRSS Z 1 ACC SCALE 10.75 DAMP 0.05 LIN
 794. 0 0.538; 0.1 0.538; 0.2 0.538; 0.3 0.538; 0.4 0.538; 0.5 0.538; 0.6 0.538
 795. 0.7 0.538; 0.8 0.538; 0.9 0.538; 1 0.538; 1.1 0.538; 1.2 0.538; 1.3 0.51
 796. 1.4 0.486; 1.5 0.464; 1.6 0.445; 1.7 0.427; 1.8 0.411; 1.9 0.397; 2 0.384
 797. 2.1 0.372; 2.2 0.36; 2.3 0.35; 2.4 0.34; 2.5 0.331; 2.6 0.323; 2.7 0.315
 798. 2.8 0.307; 2.9 0.3; 3 0.294; 3.1 0.287; 3.2 0.281; 3.3 0.276; 3.4 0.27
 799. 3.5 0.265; 3.6 0.26; 3.7 0.256; 3.8 0.251; 3.9 0.247; 4 0.243; 4.1 0.239
 800. 4.2 0.235; 4.3 0.231; 4.4 0.228; 4.5 0.225; 4.6 0.221; 4.7 0.218; 4.8 0.215
 801. 4.9 0.212; 5 0.21
 802. LOAD COMB 8 1.0(PP+CM+EQ+CVINST)
 803. 1 1.0 2 1.0 3 1.0 5 1.0 4 1.0
 804. LOAD COMB 9 1.0(PP+CM+EQ+AR+CVINST+SX+0.3SZ)
 805. 1 1.0 2 1.0 5 1.0 3 1.0 6 1.0 7 0.3 4 1.0
 806. LOAD COMB 10 1.0(PP+CM+EQ+AR+CVINST+SX-0.3SZ)
 807. 1 1.0 2 1.0 5 1.0 3 1.0 6 1.0 7 -0.3 4 1.0
 808. LOAD COMB 11 1.0(PP+CM+EQ+AR+CVINST-SX+0.3SZ)
 809. 1 1.0 2 1.0 5 1.0 3 1.0 6 -1.0 7 0.3 4 1.0
 810. LOAD COMB 12 1.0(PP+CM+EQ+AR+CVINST-SX-0.3SZ)
 811. 1 1.0 2 1.0 5 1.0 3 1.0 6 -1.0 7 -0.3 4 1.0
 812. LOAD COMB 13 1.0(PP+CM+EQ+AR+CVINST+0.3SX+SZ)
 813. 1 1.0 2 1.0 5 1.0 3 1.0 6 0.3 7 1.0 4 1.0
 814. LOAD COMB 14 1.0(PP+CM+EQ+AR+CVINST+0.3SX-SZ)
 815. 1 1.0 2 1.0 5 1.0 3 1.0 6 0.3 7 -1.0 4 1.0
 816. LOAD COMB 15 1.0(PP+CM+EQ+AR+CVINST-0.3SX+SZ)
 817. 1 1.0 2 1.0 5 1.0 3 1.0 6 -0.3 7 1.0 4 1.0
 818. LOAD COMB 16 1.0(PP+CM+EQ+AR+CVINST-0.3SX-SZ)
 819. 1 1.0 2 1.0 5 1.0 3 1.0 6 -0.3 7 -1.0 4 1.0
 820. LOAD COMB 17 1.1(PP+CM+EQ+AR+CVINST)
 821. 1 1.1 2 1.1 3 1.1 5 1.1 4 1.1
 822. LOAD COMB 18 1.1(PP+CM+EQ+AR+CVINST+SX+0.33SZ)

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823. 1 1.1 2 1.1 5 1.1 3 1.1 6 1.1 7 0.33 4 1.1
 824. LOAD COMB 19 1.1(PP+CM+EQ+AR+CVINST+SX-0.33SZ)
 825. 1 1.1 2 1.1 5 1.1 3 1.1 6 1.1 7 -0.33 4 1.1
 826. LOAD COMB 20 1.1(PP+CM+EQ+AR+CVINST-SX+0.33SZ)
 827. 1 1.1 2 1.1 3 1.1 5 1.1 6 -1.1 7 0.33 4 1.1
 828. LOAD COMB 21 1.1(PP+CM+EQ+AR+CVINST-SX-0.33SZ)
 829. 1 1.1 2 1.1 3 1.1 5 1.1 6 -1.1 7 -0.33 4 1.1
 830. LOAD COMB 22 1.1(PP+CM+EQ+AR+CVINST+0.33SX+SZ)
 831. 1 1.1 2 1.1 3 1.1 5 1.1 6 0.33 7 1.1 4 1.1
 832. LOAD COMB 23 1.1(PP+CM+EQ+AR+CVINST+0.33SX-SZ)
 833. 1 1.1 2 1.1 3 1.1 5 1.1 6 0.33 7 -1.1 4 1.1
 834. LOAD COMB 24 1.1(PP+CM+EQ+AR+CVINST-0.33SX+SZ)
 835. 1 1.1 2 1.1 3 1.1 5 1.1 6 -0.33 7 1.1 4 1.1
 836. LOAD COMB 25 1.1(PP+CM+EQ+AR+CVINST-0.33SX-SZ)
 837. 1 1.1 2 1.1 3 1.1 5 1.1 6 -0.33 7 -1.1 4 1.1
 838. PERFORM ANALYSIS PRINT ALL

P R O B L E M S T A T I S T I C S

NUMBER OF JOINTS	414	NUMBER OF MEMBERS	711
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	46

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

ORIGINAL/FINAL BAND-WIDTH= 409/ 34/ 1003 DOF
 TOTAL PRIMARY LOAD CASES = 7, TOTAL DEGREES OF FREEDOM = 1446
 TOTAL LOAD COMBINATION CASES = 18 SO FAR.
 SIZE OF STIFFNESS MATRIX = 1451 DOUBLE KILO-WORDS
 REQD/AVAIL. DISK SPACE = 35.7/ 373514.7 MB

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LOADING 1 LOADTYPE NONE TITLE P.P

SELFWEIGHT Y -1.000

ACTUAL WEIGHT OF THE STRUCTURE = 245.255 MTON

LOADING 2 LOADTYPE NONE TITLE CM

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
81	-0.4000 GY	0.00	6.00				
102	-0.4000 GY	0.00	6.00				
176	-0.4000 GY	0.00	6.00				
197	-0.4000 GY	0.00	6.00				
270	-0.4000 GY	0.00	6.00				
291	-0.4000 GY	0.00	3.20				
797	-0.4000 GY	0.00	6.00				
798	-0.4000 GY	0.00	6.00				
799	-0.4000 GY	0.00	6.00				
800	-0.4000 GY	0.00	6.00				
801	-0.4000 GY	0.00	6.00				
823	-0.4000 GY	0.00	6.00				
833	-0.4000 GY	0.00	6.00				
834	-0.4000 GY	0.00	6.00				
835	-0.4000 GY	0.00	6.00				
854	-0.4000 GY	0.00	2.00				
855	-0.4000 GY	0.00	0.50				
909	-0.4000 GY	0.00	2.80				
939	-0.4000 GY	0.00	2.00				
82	-0.7980 GY	0.00	6.00				
83	-0.7980 GY	0.00	6.00				
84	-0.7980 GY	0.00	6.00				
85	-0.7980 GY	0.00	6.00				
86	-0.7980 GY	0.00	6.00				
87	-0.7980 GY	0.00	6.00				
88	-0.7980 GY	0.00	6.00				
89	-0.7980 GY	0.00	6.00				
90	-0.7980 GY	0.00	0.50				
91	-0.7980 GY	0.00	6.00				
92	-0.7980 GY	0.00	6.00				
93	-0.7980 GY	0.00	6.00				
94	-0.7980 GY	0.00	6.00				
95	-0.7980 GY	0.00	6.00				
96	-0.7980 GY	0.00	0.50				
97	-0.7980 GY	0.00	6.00				
98	-0.7980 GY	0.00	6.00				
99	-0.7980 GY	0.00	6.00				
100	-0.7980 GY	0.00	6.00				

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101	-0.7980	GY	0.00	6.00
177	-0.7980	GY	0.00	6.00
178	-0.7980	GY	0.00	6.00
179	-0.7980	GY	0.00	6.00
180	-0.7980	GY	0.00	6.00
181	-0.7980	GY	0.00	6.00
182	-0.7980	GY	0.00	6.00
183	-0.7980	GY	0.00	6.00
184	-0.7980	GY	0.00	6.00
185	-0.7980	GY	0.00	6.00
186	-0.7980	GY	0.00	6.00
187	-0.7980	GY	0.00	6.00
188	-0.7980	GY	0.00	6.00
189	-0.7980	GY	0.00	6.00
190	-0.7980	GY	0.00	6.00
191	-0.7980	GY	0.00	6.00
192	-0.7980	GY	0.00	6.00
193	-0.7980	GY	0.00	6.00
194	-0.7980	GY	0.00	6.00
195	-0.7980	GY	0.00	6.00
196	-0.7980	GY	0.00	6.00
271	-0.7980	GY	0.00	6.00
272	-0.7980	GY	0.00	6.00
273	-0.7980	GY	0.00	6.00
274	-0.7980	GY	0.00	6.00
275	-0.7980	GY	0.00	6.00
276	-0.7980	GY	0.00	6.00
277	-0.7980	GY	0.00	6.00
278	-0.7980	GY	0.00	6.00
279	-0.7980	GY	0.00	0.50
280	-0.7980	GY	0.00	6.00
281	-0.7980	GY	0.00	6.00
282	-0.7980	GY	0.00	0.50
283	-0.7980	GY	0.00	6.00
284	-0.7980	GY	0.00	6.00
285	-0.7980	GY	0.00	6.00
286	-0.7980	GY	0.00	6.00
287	-0.7980	GY	0.00	6.00
288	-0.7980	GY	0.00	6.00
289	-0.7980	GY	0.00	3.20
290	-0.7980	GY	0.00	3.20
732	-0.7980	GY	0.00	6.00
739	-0.7980	GY	0.00	6.00
740	-0.7980	GY	0.00	6.00
743	-0.7980	GY	0.00	6.00
744	-0.7980	GY	0.00	6.00
745	-0.7980	GY	0.00	6.00
750	-0.7980	GY	0.00	6.00
751	-0.7980	GY	0.00	6.00
752	-0.7980	GY	0.00	6.00
753	-0.7980	GY	0.00	6.00
754	-0.7980	GY	0.00	6.00
759	-0.7980	GY	0.00	6.00
760	-0.7980	GY	0.00	6.00
761	-0.7980	GY	0.00	6.00
762	-0.7980	GY	0.00	6.00

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763	-0.7980	GY	0.00	1.50
770	-0.7980	GY	0.00	6.00
771	-0.7980	GY	0.00	6.00
774	-0.7980	GY	0.00	6.00
775	-0.7980	GY	0.00	6.00
778	-0.7980	GY	0.00	6.00
779	-0.7980	GY	0.00	6.00
782	-0.7980	GY	0.00	6.00
783	-0.7980	GY	0.00	6.00
788	-0.7980	GY	0.00	6.00
789	-0.7980	GY	0.00	6.00
790	-0.7980	GY	0.00	6.00
791	-0.7980	GY	0.00	6.00
793	-0.7980	GY	0.00	6.00
794	-0.7980	GY	0.00	6.00
795	-0.7980	GY	0.00	6.00
796	-0.7980	GY	0.00	6.00
802	-0.7980	GY	0.00	6.00
815	-0.7980	GY	0.00	6.00
816	-0.7980	GY	0.00	6.00
817	-0.7980	GY	0.00	6.00
818	-0.7980	GY	0.00	6.00
819	-0.7980	GY	0.00	6.00
820	-0.7980	GY	0.00	6.00
821	-0.7980	GY	0.00	6.00
822	-0.7980	GY	0.00	6.00
824	-0.7980	GY	0.00	6.00
828	-0.7980	GY	0.00	6.00
829	-0.7980	GY	0.00	6.00
830	-0.7980	GY	0.00	6.00
831	-0.7980	GY	0.00	6.00
844	-0.7980	GY	0.00	6.00
845	-0.7980	GY	0.00	6.00
846	-0.7980	GY	0.00	6.00
847	-0.7980	GY	0.00	6.00
848	-0.7980	GY	0.00	6.00
849	-0.7980	GY	0.00	6.00
868	-0.7980	GY	0.00	5.00
869	-0.7980	GY	0.00	5.00
870	-0.7980	GY	0.00	0.50
871	-0.7980	GY	0.00	0.50
872	-0.7980	GY	0.00	5.00
873	-0.7980	GY	0.00	0.50
874	-0.7980	GY	0.00	5.00
875	-0.7980	GY	0.00	0.50
894	-0.7980	GY	0.00	1.50
903	-0.7980	GY	0.00	1.50
906	-0.7980	GY	0.00	1.50
908	-0.7980	GY	0.00	2.80
914	-0.7980	GY	0.00	2.80
940	-0.7980	GY	0.00	6.00
103	-0.3890	GY	0.00	6.00
107	-0.3890	GY	0.00	6.00
108	-0.3890	GY	0.00	6.00
115	-0.3890	GY	0.00	6.00
198	-0.3890	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 20

202	-0.3890	GY	0.00	6.00
203	-0.3890	GY	0.00	6.00
212	-0.3890	GY	0.00	6.00
292	-0.3890	GY	0.00	6.00
310	-0.3890	GY	0.00	3.20
392	-0.3890	GY	0.00	6.00
396	-0.3890	GY	0.00	6.00
397	-0.3890	GY	0.00	6.00
403	-0.3890	GY	0.00	6.00
474	-0.3890	GY	0.00	6.00
490	-0.3890	GY	0.00	6.00
566	-0.3890	GY	0.00	6.00
584	-0.3890	GY	0.00	6.00
921	-0.3890	GY	0.00	2.80
77	-0.7780	GY	0.00	4.30
78	-0.7780	GY	0.00	4.30
79	-0.7780	GY	0.00	5.28
80	-0.7780	GY	0.00	5.28
104	-0.7780	GY	0.00	6.00
105	-0.7780	GY	0.00	6.00
106	-0.7780	GY	0.00	6.00
109	-0.7780	GY	0.00	6.00
110	-0.7780	GY	0.00	6.00
111	-0.7780	GY	0.00	6.00
112	-0.7780	GY	0.00	6.00
113	-0.7780	GY	0.00	6.00
114	-0.7780	GY	0.00	6.00
116	-0.7780	GY	0.00	0.80
117	-0.7780	GY	0.00	0.80
118	-0.7780	GY	0.00	0.90
119	-0.7780	GY	0.00	0.90
174	-0.7780	GY	0.00	0.72
175	-0.7780	GY	0.00	0.72
199	-0.7780	GY	0.00	6.00
200	-0.7780	GY	0.00	6.00
201	-0.7780	GY	0.00	6.00
204	-0.7780	GY	0.00	6.00
205	-0.7780	GY	0.00	6.00
206	-0.7780	GY	0.00	6.00
207	-0.7780	GY	0.00	6.00
208	-0.7780	GY	0.00	6.00
209	-0.7780	GY	0.00	6.00
210	-0.7780	GY	0.00	6.00
211	-0.7780	GY	0.00	6.00
213	-0.7780	GY	0.00	5.28
214	-0.7780	GY	0.00	5.28
293	-0.7780	GY	0.00	6.00
294	-0.7780	GY	0.00	6.00
295	-0.7780	GY	0.00	0.50
296	-0.7780	GY	0.00	6.00
297	-0.7780	GY	0.00	6.00
298	-0.7780	GY	0.00	6.00
299	-0.7780	GY	0.00	6.00
300	-0.7780	GY	0.00	6.00
301	-0.7780	GY	0.00	6.00
302	-0.7780	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 21

303	-0.7780	GY	0.00	6.00
304	-0.7780	GY	0.00	6.00
305	-0.7780	GY	0.00	6.00
306	-0.7780	GY	0.00	6.00
307	-0.7780	GY	0.00	6.00
308	-0.7780	GY	0.00	3.20
309	-0.7780	GY	0.00	3.20
368	-0.7780	GY	0.00	1.25
369	-0.7780	GY	0.00	1.25
371	-0.7780	GY	0.00	2.25
372	-0.7780	GY	0.00	2.25
393	-0.7780	GY	0.00	6.00
394	-0.7780	GY	0.00	6.00
395	-0.7780	GY	0.00	6.00
398	-0.7780	GY	0.00	6.00
399	-0.7780	GY	0.00	6.00
400	-0.7780	GY	0.00	6.00
401	-0.7780	GY	0.00	6.00
402	-0.7780	GY	0.00	6.00
405	-0.7780	GY	0.00	2.50
406	-0.7780	GY	0.00	2.50
450	-0.7780	GY	0.00	1.75
451	-0.7780	GY	0.00	1.75
453	-0.7780	GY	0.00	2.00
454	-0.7780	GY	0.00	2.00
475	-0.7780	GY	0.00	6.00
476	-0.7780	GY	0.00	6.00
477	-0.7780	GY	0.00	6.00
478	-0.7780	GY	0.00	6.00
479	-0.7780	GY	0.00	6.00
480	-0.7780	GY	0.00	6.00
481	-0.7780	GY	0.00	6.00
482	-0.7780	GY	0.00	6.00
483	-0.7780	GY	0.00	6.00
484	-0.7780	GY	0.00	6.00
485	-0.7780	GY	0.00	6.00
486	-0.7780	GY	0.00	6.00
487	-0.7780	GY	0.00	6.00
488	-0.7780	GY	0.00	6.00
489	-0.7780	GY	0.00	6.00
492	-0.7780	GY	0.00	2.25
493	-0.7780	GY	0.00	2.25
567	-0.7780	GY	0.00	6.00
568	-0.7780	GY	0.00	6.00
569	-0.7780	GY	0.00	6.00
570	-0.7780	GY	0.00	6.00
571	-0.7780	GY	0.00	6.00
572	-0.7780	GY	0.00	6.00
573	-0.7780	GY	0.00	6.00
574	-0.7780	GY	0.00	6.00
575	-0.7780	GY	0.00	6.00
576	-0.7780	GY	0.00	6.00
577	-0.7780	GY	0.00	6.00
578	-0.7780	GY	0.00	6.00
579	-0.7780	GY	0.00	6.00
580	-0.7780	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 22

581	-0.7780	GY	0.00	6.00
582	-0.7780	GY	0.00	6.00
583	-0.7780	GY	0.00	6.00
884	-0.7780	GY	0.00	5.00
885	-0.7780	GY	0.00	0.50
934	-0.7780	GY	0.00	2.80
936	-0.7780	GY	0.00	2.80
24	-0.1000	GY	0.00	2.00
45	-0.1000	GY	0.00	2.00
46	-0.1000	GY	0.00	2.00
47	-0.1000	GY	0.00	2.00
48	-0.1000	GY	0.00	2.00
49	-0.1000	GY	0.00	2.00
50	-0.1000	GY	0.00	2.00
51	-0.1000	GY	0.00	2.00
52	-0.1000	GY	0.00	2.00
53	-0.1000	GY	0.00	2.00
81	-0.1000	GY	0.00	6.00
102	-0.1000	GY	0.00	6.00
176	-0.1000	GY	0.00	6.00
197	-0.1000	GY	0.00	6.00
270	-0.1000	GY	0.00	6.00
291	-0.1000	GY	0.00	3.20
322	-0.1000	GY	0.00	2.00
323	-0.1000	GY	0.00	2.00
324	-0.1000	GY	0.00	2.00
373	-0.1000	GY	0.00	2.00
391	-0.1000	GY	0.00	2.00
455	-0.1000	GY	0.00	2.00
473	-0.1000	GY	0.00	0.70
547	-0.1000	GY	0.00	2.00
565	-0.1000	GY	0.00	2.00
733	-0.1000	GY	0.00	2.00
734	-0.1000	GY	0.00	1.00
735	-0.1000	GY	0.00	2.00
736	-0.1000	GY	0.00	2.00
784	-0.1000	GY	0.00	2.00
785	-0.1000	GY	0.00	2.00
786	-0.1000	GY	0.00	2.00
787	-0.1000	GY	0.00	2.00
797	-0.1000	GY	0.00	6.00
798	-0.1000	GY	0.00	6.00
799	-0.1000	GY	0.00	6.00
800	-0.1000	GY	0.00	6.00
801	-0.1000	GY	0.00	6.00
803	-0.1000	GY	0.00	2.00
804	-0.1000	GY	0.00	2.00
813	-0.1000	GY	0.00	2.00
814	-0.1000	GY	0.00	1.30
823	-0.1000	GY	0.00	6.00
833	-0.1000	GY	0.00	6.00
834	-0.1000	GY	0.00	6.00
835	-0.1000	GY	0.00	6.00
842	-0.1000	GY	0.00	2.00
843	-0.1000	GY	0.00	2.00
854	-0.1000	GY	0.00	2.00

STAAD SPACE

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856	-0.1000	GY	0.00	1.00			
880	-0.1000	GY	0.00	1.30			
881	-0.1000	GY	0.00	0.70			
909	-0.1000	GY	0.00	2.80			
939	-0.1000	GY	0.00	2.00			
893	-0.5985	GY	0.00	2.00			
895	-0.5985	GY	0.00	2.00			
898	-0.5985	GY	0.00	2.00			
901	-0.5985	GY	0.00	2.00			
904	-0.5985	GY	0.00	2.00			
907	-0.5985	GY	0.00	2.00			
925				-0.3730	GY	1.50	
928				-0.3730	GY	1.50	
929				-0.3730	GY	1.40	

LOADING 3 LOADTYPE NONE TITLE CVINST

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
82	-0.3600	GY	0.00	6.00			
83	-0.3600	GY	0.00	6.00			
84	-0.3600	GY	0.00	6.00			
85	-0.3600	GY	0.00	6.00			
86	-0.3600	GY	0.00	6.00			
87	-0.3600	GY	0.00	6.00			
88	-0.3600	GY	0.00	6.00			
89	-0.3600	GY	0.00	6.00			
90	-0.3600	GY	0.00	0.50			
91	-0.3600	GY	0.00	6.00			
92	-0.3600	GY	0.00	6.00			
93	-0.3600	GY	0.00	6.00			
94	-0.3600	GY	0.00	6.00			
95	-0.3600	GY	0.00	6.00			
96	-0.3600	GY	0.00	0.50			
97	-0.3600	GY	0.00	6.00			
98	-0.3600	GY	0.00	6.00			
99	-0.3600	GY	0.00	6.00			
100	-0.3600	GY	0.00	6.00			
101	-0.3600	GY	0.00	6.00			
177	-0.3600	GY	0.00	6.00			
178	-0.3600	GY	0.00	6.00			
179	-0.3600	GY	0.00	6.00			
180	-0.3600	GY	0.00	6.00			
181	-0.3600	GY	0.00	6.00			
182	-0.3600	GY	0.00	6.00			
183	-0.3600	GY	0.00	6.00			
184	-0.3600	GY	0.00	6.00			
185	-0.3600	GY	0.00	6.00			
186	-0.3600	GY	0.00	6.00			
187	-0.3600	GY	0.00	6.00			
188	-0.3600	GY	0.00	6.00			

STAAD SPACE

-- PAGE NO. 24

189	-0.3600	GY	0.00	6.00
190	-0.3600	GY	0.00	6.00
191	-0.3600	GY	0.00	6.00
192	-0.3600	GY	0.00	6.00
193	-0.3600	GY	0.00	6.00
194	-0.3600	GY	0.00	6.00
195	-0.3600	GY	0.00	6.00
196	-0.3600	GY	0.00	6.00
271	-0.3600	GY	0.00	6.00
272	-0.3600	GY	0.00	6.00
273	-0.3600	GY	0.00	6.00
274	-0.3600	GY	0.00	6.00
275	-0.3600	GY	0.00	6.00
276	-0.3600	GY	0.00	6.00
277	-0.3600	GY	0.00	6.00
278	-0.3600	GY	0.00	6.00
279	-0.3600	GY	0.00	0.50
280	-0.3600	GY	0.00	6.00
281	-0.3600	GY	0.00	6.00
282	-0.3600	GY	0.00	0.50
283	-0.3600	GY	0.00	6.00
284	-0.3600	GY	0.00	6.00
285	-0.3600	GY	0.00	6.00
286	-0.3600	GY	0.00	6.00
287	-0.3600	GY	0.00	6.00
288	-0.3600	GY	0.00	6.00
289	-0.3600	GY	0.00	3.20
290	-0.3600	GY	0.00	3.20
732	-0.3600	GY	0.00	6.00
739	-0.3600	GY	0.00	6.00
740	-0.3600	GY	0.00	6.00
743	-0.3600	GY	0.00	6.00
744	-0.3600	GY	0.00	6.00
745	-0.3600	GY	0.00	6.00
750	-0.3600	GY	0.00	6.00
751	-0.3600	GY	0.00	6.00
752	-0.3600	GY	0.00	6.00
753	-0.3600	GY	0.00	6.00
754	-0.3600	GY	0.00	6.00
759	-0.3600	GY	0.00	6.00
760	-0.3600	GY	0.00	6.00
761	-0.3600	GY	0.00	6.00
762	-0.3600	GY	0.00	6.00
763	-0.3600	GY	0.00	1.50
770	-0.3600	GY	0.00	6.00
771	-0.3600	GY	0.00	6.00
774	-0.3600	GY	0.00	6.00
775	-0.3600	GY	0.00	6.00
778	-0.3600	GY	0.00	6.00
779	-0.3600	GY	0.00	6.00
782	-0.3600	GY	0.00	6.00
783	-0.3600	GY	0.00	6.00
788	-0.3600	GY	0.00	6.00
789	-0.3600	GY	0.00	6.00
790	-0.3600	GY	0.00	6.00
791	-0.3600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 25

793	-0.3600	GY	0.00	6.00
794	-0.3600	GY	0.00	6.00
795	-0.3600	GY	0.00	6.00
796	-0.3600	GY	0.00	6.00
802	-0.3600	GY	0.00	6.00
815	-0.3600	GY	0.00	6.00
816	-0.3600	GY	0.00	6.00
817	-0.3600	GY	0.00	6.00
818	-0.3600	GY	0.00	6.00
819	-0.3600	GY	0.00	6.00
820	-0.3600	GY	0.00	6.00
821	-0.3600	GY	0.00	6.00
822	-0.3600	GY	0.00	6.00
824	-0.3600	GY	0.00	6.00
828	-0.3600	GY	0.00	6.00
829	-0.3600	GY	0.00	6.00
830	-0.3600	GY	0.00	6.00
831	-0.3600	GY	0.00	6.00
844	-0.3600	GY	0.00	6.00
845	-0.3600	GY	0.00	6.00
846	-0.3600	GY	0.00	6.00
847	-0.3600	GY	0.00	6.00
848	-0.3600	GY	0.00	6.00
849	-0.3600	GY	0.00	6.00
868	-0.3600	GY	0.00	5.00
869	-0.3600	GY	0.00	5.00
870	-0.3600	GY	0.00	0.50
871	-0.3600	GY	0.00	0.50
872	-0.3600	GY	0.00	5.00
873	-0.3600	GY	0.00	0.50
874	-0.3600	GY	0.00	5.00
875	-0.3600	GY	0.00	0.50
894	-0.3600	GY	0.00	1.50
903	-0.3600	GY	0.00	1.50
906	-0.3600	GY	0.00	1.50
908	-0.3600	GY	0.00	2.80
914	-0.3600	GY	0.00	2.80
940	-0.3600	GY	0.00	6.00
81	-0.1800	GY	0.00	6.00
102	-0.1800	GY	0.00	6.00
176	-0.1800	GY	0.00	6.00
197	-0.1800	GY	0.00	6.00
270	-0.1800	GY	0.00	6.00
291	-0.1800	GY	0.00	3.20
797	-0.1800	GY	0.00	6.00
798	-0.1800	GY	0.00	6.00
799	-0.1800	GY	0.00	6.00
800	-0.1800	GY	0.00	6.00
801	-0.1800	GY	0.00	6.00
823	-0.1800	GY	0.00	6.00
833	-0.1800	GY	0.00	6.00
834	-0.1800	GY	0.00	6.00
835	-0.1800	GY	0.00	6.00
854	-0.1800	GY	0.00	2.00
855	-0.1800	GY	0.00	0.50
909	-0.1800	GY	0.00	2.80

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939	-0.1800	GY	0.00	2.00
103	-0.0700	GY	0.00	6.00
107	-0.0700	GY	0.00	6.00
108	-0.0700	GY	0.00	6.00
115	-0.0700	GY	0.00	6.00
198	-0.0700	GY	0.00	6.00
202	-0.0700	GY	0.00	6.00
203	-0.0700	GY	0.00	6.00
212	-0.0700	GY	0.00	6.00
292	-0.0700	GY	0.00	6.00
310	-0.0700	GY	0.00	3.20
392	-0.0700	GY	0.00	6.00
396	-0.0700	GY	0.00	6.00
397	-0.0700	GY	0.00	6.00
403	-0.0700	GY	0.00	6.00
474	-0.0700	GY	0.00	6.00
490	-0.0700	GY	0.00	6.00
566	-0.0700	GY	0.00	6.00
584	-0.0700	GY	0.00	6.00
921	-0.0700	GY	0.00	2.80
77	-0.1400	GY	0.00	4.30
78	-0.1400	GY	0.00	4.30
79	-0.1400	GY	0.00	5.28
80	-0.1400	GY	0.00	5.28
104	-0.1400	GY	0.00	6.00
105	-0.1400	GY	0.00	6.00
106	-0.1400	GY	0.00	6.00
109	-0.1400	GY	0.00	6.00
110	-0.1400	GY	0.00	6.00
111	-0.1400	GY	0.00	6.00
112	-0.1400	GY	0.00	6.00
113	-0.1400	GY	0.00	6.00
114	-0.1400	GY	0.00	6.00
116	-0.1400	GY	0.00	0.80
117	-0.1400	GY	0.00	0.80
118	-0.1400	GY	0.00	0.90
119	-0.1400	GY	0.00	0.90
120	-0.1400	GY	0.00	0.72
121	-0.1400	GY	0.00	0.72
174	-0.1400	GY	0.00	0.72
175	-0.1400	GY	0.00	0.72
199	-0.1400	GY	0.00	6.00
200	-0.1400	GY	0.00	6.00
201	-0.1400	GY	0.00	6.00
204	-0.1400	GY	0.00	6.00
205	-0.1400	GY	0.00	6.00
206	-0.1400	GY	0.00	6.00
207	-0.1400	GY	0.00	6.00
208	-0.1400	GY	0.00	6.00
209	-0.1400	GY	0.00	6.00
210	-0.1400	GY	0.00	6.00
211	-0.1400	GY	0.00	6.00
213	-0.1400	GY	0.00	5.28
214	-0.1400	GY	0.00	5.28
293	-0.1400	GY	0.00	6.00
294	-0.1400	GY	0.00	6.00

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295	-0.1400	GY	0.00	0.50
296	-0.1400	GY	0.00	6.00
297	-0.1400	GY	0.00	6.00
298	-0.1400	GY	0.00	6.00
299	-0.1400	GY	0.00	6.00
300	-0.1400	GY	0.00	6.00
301	-0.1400	GY	0.00	6.00
302	-0.1400	GY	0.00	6.00
303	-0.1400	GY	0.00	6.00
304	-0.1400	GY	0.00	6.00
305	-0.1400	GY	0.00	6.00
306	-0.1400	GY	0.00	6.00
307	-0.1400	GY	0.00	6.00
308	-0.1400	GY	0.00	3.20
309	-0.1400	GY	0.00	3.20
368	-0.1400	GY	0.00	1.25
369	-0.1400	GY	0.00	1.25
371	-0.1400	GY	0.00	2.25
372	-0.1400	GY	0.00	2.25
393	-0.1400	GY	0.00	6.00
394	-0.1400	GY	0.00	6.00
395	-0.1400	GY	0.00	6.00
398	-0.1400	GY	0.00	6.00
399	-0.1400	GY	0.00	6.00
400	-0.1400	GY	0.00	6.00
401	-0.1400	GY	0.00	6.00
402	-0.1400	GY	0.00	6.00
405	-0.1400	GY	0.00	2.50
406	-0.1400	GY	0.00	2.50
450	-0.1400	GY	0.00	1.75
451	-0.1400	GY	0.00	1.75
453	-0.1400	GY	0.00	2.00
454	-0.1400	GY	0.00	2.00
475	-0.1400	GY	0.00	6.00
476	-0.1400	GY	0.00	6.00
477	-0.1400	GY	0.00	6.00
478	-0.1400	GY	0.00	6.00
479	-0.1400	GY	0.00	6.00
480	-0.1400	GY	0.00	6.00
481	-0.1400	GY	0.00	6.00
482	-0.1400	GY	0.00	6.00
483	-0.1400	GY	0.00	6.00
484	-0.1400	GY	0.00	6.00
485	-0.1400	GY	0.00	6.00
486	-0.1400	GY	0.00	6.00
487	-0.1400	GY	0.00	6.00
488	-0.1400	GY	0.00	6.00
489	-0.1400	GY	0.00	6.00
492	-0.1400	GY	0.00	2.25
493	-0.1400	GY	0.00	2.25
567	-0.1400	GY	0.00	6.00
568	-0.1400	GY	0.00	6.00
569	-0.1400	GY	0.00	6.00
570	-0.1400	GY	0.00	6.00
571	-0.1400	GY	0.00	6.00
572	-0.1400	GY	0.00	6.00

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573	-0.1400	GY	0.00	6.00		
574	-0.1400	GY	0.00	6.00		
575	-0.1400	GY	0.00	6.00		
576	-0.1400	GY	0.00	6.00		
577	-0.1400	GY	0.00	6.00		
578	-0.1400	GY	0.00	6.00		
579	-0.1400	GY	0.00	6.00		
580	-0.1400	GY	0.00	6.00		
581	-0.1400	GY	0.00	6.00		
582	-0.1400	GY	0.00	6.00		
583	-0.1400	GY	0.00	6.00		
884	-0.1400	GY	0.00	5.00		
885	-0.1400	GY	0.00	0.50		
934	-0.1400	GY	0.00	2.80		
936	-0.1400	GY	0.00	2.80		
893	-0.2700	GY	0.00	2.00		
895	-0.2700	GY	0.00	2.00		
898	-0.2700	GY	0.00	2.00		
901	-0.2700	GY	0.00	2.00		
904	-0.2700	GY	0.00	2.00		
907	-0.2700	GY	0.00	2.00		
925			-0.4600	GY	1.50	
928			-0.4600	GY	1.50	
929			-0.4600	GY	1.40	

LOADING 4 LOADTYPE NONE TITLE EQUIPOS

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
120	-0.1200	GY	0.00	0.72				
121	-0.1200	GY	0.00	0.72				
163	-0.1200	GY	0.00	2.00				
174	-0.1200	GY	0.00	0.72				
175	-0.1200	GY	0.00	0.72				
116	-0.2360	GY	0.00	0.80				
117	-0.2360	GY	0.00	0.80				
371	-1.1440	GY	0.00	2.25				
372	-1.1440	GY	0.00	2.25				
450	-1.1440	GY	0.00	1.75				
451	-1.1440	GY	0.00	1.75				
492	-1.1440	GY	0.00	2.25				
493	-1.1440	GY	0.00	2.25				
370	-1.8300	GY	0.00	2.00				
404	-1.8300	GY	0.00	2.00				
434	-1.8300	GY	0.00	2.00				
452	-1.8300	GY	0.00	2.00				
491	-1.8300	GY	0.00	2.00				
527	-1.8300	GY	0.00	2.00				

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LOADING 5 LOADTYPE NONE TITLE ARRIATE

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
866	-1.8000 GY	0.00	2.00				
867	-1.8000 GY	0.00	2.00				
891	-1.8000 GY	0.00	2.00				
866				-0.7500 GY	1.00		
867				-0.7500 GY	1.00		

LOADING 6 LOADTYPE NONE TITLE SX

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
81	0.4000 GX	0.00	6.00				
102	0.4000 GX	0.00	6.00				
176	0.4000 GX	0.00	6.00				
197	0.4000 GX	0.00	6.00				
270	0.4000 GX	0.00	6.00				
291	0.4000 GX	0.00	3.20				
797	0.4000 GX	0.00	6.00				
798	0.4000 GX	0.00	6.00				
799	0.4000 GX	0.00	6.00				
800	0.4000 GX	0.00	6.00				
801	0.4000 GX	0.00	6.00				
823	0.4000 GX	0.00	6.00				
833	0.4000 GX	0.00	6.00				
834	0.4000 GX	0.00	6.00				
835	0.4000 GX	0.00	6.00				
854	0.4000 GX	0.00	2.00				
855	0.4000 GX	0.00	0.50				
909	0.4000 GX	0.00	2.80				
939	0.4000 GX	0.00	2.00				
81	0.4000 GY	0.00	6.00				
102	0.4000 GY	0.00	6.00				
176	0.4000 GY	0.00	6.00				
197	0.4000 GY	0.00	6.00				
270	0.4000 GY	0.00	6.00				
291	0.4000 GY	0.00	3.20				
797	0.4000 GY	0.00	6.00				
798	0.4000 GY	0.00	6.00				
799	0.4000 GY	0.00	6.00				
800	0.4000 GY	0.00	6.00				
801	0.4000 GY	0.00	6.00				
823	0.4000 GY	0.00	6.00				

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833	0.4000	GY	0.00	6.00
834	0.4000	GY	0.00	6.00
835	0.4000	GY	0.00	6.00
854	0.4000	GY	0.00	2.00
855	0.4000	GY	0.00	0.50
909	0.4000	GY	0.00	2.80
939	0.4000	GY	0.00	2.00
81	0.4000	GZ	0.00	6.00
102	0.4000	GZ	0.00	6.00
176	0.4000	GZ	0.00	6.00
197	0.4000	GZ	0.00	6.00
270	0.4000	GZ	0.00	6.00
291	0.4000	GZ	0.00	3.20
797	0.4000	GZ	0.00	6.00
798	0.4000	GZ	0.00	6.00
799	0.4000	GZ	0.00	6.00
800	0.4000	GZ	0.00	6.00
801	0.4000	GZ	0.00	6.00
823	0.4000	GZ	0.00	6.00
833	0.4000	GZ	0.00	6.00
834	0.4000	GZ	0.00	6.00
835	0.4000	GZ	0.00	6.00
854	0.4000	GZ	0.00	2.00
855	0.4000	GZ	0.00	0.50
909	0.4000	GZ	0.00	2.80
939	0.4000	GZ	0.00	2.00
82	0.7980	GX	0.00	6.00
83	0.7980	GX	0.00	6.00
84	0.7980	GX	0.00	6.00
85	0.7980	GX	0.00	6.00
86	0.7980	GX	0.00	6.00
87	0.7980	GX	0.00	6.00
88	0.7980	GX	0.00	6.00
89	0.7980	GX	0.00	6.00
90	0.7980	GX	0.00	0.50
91	0.7980	GX	0.00	6.00
92	0.7980	GX	0.00	6.00
93	0.7980	GX	0.00	6.00
94	0.7980	GX	0.00	6.00
95	0.7980	GX	0.00	6.00
96	0.7980	GX	0.00	0.50
97	0.7980	GX	0.00	6.00
98	0.7980	GX	0.00	6.00
99	0.7980	GX	0.00	6.00
100	0.7980	GX	0.00	6.00
101	0.7980	GX	0.00	6.00
177	0.7980	GX	0.00	6.00
178	0.7980	GX	0.00	6.00
179	0.7980	GX	0.00	6.00
180	0.7980	GX	0.00	6.00
181	0.7980	GX	0.00	6.00
182	0.7980	GX	0.00	6.00
183	0.7980	GX	0.00	6.00
184	0.7980	GX	0.00	6.00
185	0.7980	GX	0.00	6.00
186	0.7980	GX	0.00	6.00

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187	0.7980	GX	0.00	6.00
188	0.7980	GX	0.00	6.00
189	0.7980	GX	0.00	6.00
190	0.7980	GX	0.00	6.00
191	0.7980	GX	0.00	6.00
192	0.7980	GX	0.00	6.00
193	0.7980	GX	0.00	6.00
194	0.7980	GX	0.00	6.00
195	0.7980	GX	0.00	6.00
196	0.7980	GX	0.00	6.00
271	0.7980	GX	0.00	6.00
272	0.7980	GX	0.00	6.00
273	0.7980	GX	0.00	6.00
274	0.7980	GX	0.00	6.00
275	0.7980	GX	0.00	6.00
276	0.7980	GX	0.00	6.00
277	0.7980	GX	0.00	6.00
278	0.7980	GX	0.00	6.00
279	0.7980	GX	0.00	0.50
280	0.7980	GX	0.00	6.00
281	0.7980	GX	0.00	6.00
282	0.7980	GX	0.00	0.50
283	0.7980	GX	0.00	6.00
284	0.7980	GX	0.00	6.00
285	0.7980	GX	0.00	6.00
286	0.7980	GX	0.00	6.00
287	0.7980	GX	0.00	6.00
288	0.7980	GX	0.00	6.00
289	0.7980	GX	0.00	3.20
290	0.7980	GX	0.00	3.20
732	0.7980	GX	0.00	6.00
739	0.7980	GX	0.00	6.00
740	0.7980	GX	0.00	6.00
743	0.7980	GX	0.00	6.00
744	0.7980	GX	0.00	6.00
745	0.7980	GX	0.00	6.00
750	0.7980	GX	0.00	6.00
751	0.7980	GX	0.00	6.00
752	0.7980	GX	0.00	6.00
753	0.7980	GX	0.00	6.00
754	0.7980	GX	0.00	6.00
759	0.7980	GX	0.00	6.00
760	0.7980	GX	0.00	6.00
761	0.7980	GX	0.00	6.00
762	0.7980	GX	0.00	6.00
763	0.7980	GX	0.00	1.50
770	0.7980	GX	0.00	6.00
771	0.7980	GX	0.00	6.00
774	0.7980	GX	0.00	6.00
775	0.7980	GX	0.00	6.00
778	0.7980	GX	0.00	6.00
779	0.7980	GX	0.00	6.00
782	0.7980	GX	0.00	6.00
783	0.7980	GX	0.00	6.00
788	0.7980	GX	0.00	6.00
789	0.7980	GX	0.00	6.00

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790	0.7980	GX	0.00	6.00
791	0.7980	GX	0.00	6.00
793	0.7980	GX	0.00	6.00
794	0.7980	GX	0.00	6.00
795	0.7980	GX	0.00	6.00
796	0.7980	GX	0.00	6.00
802	0.7980	GX	0.00	6.00
815	0.7980	GX	0.00	6.00
816	0.7980	GX	0.00	6.00
817	0.7980	GX	0.00	6.00
818	0.7980	GX	0.00	6.00
819	0.7980	GX	0.00	6.00
820	0.7980	GX	0.00	6.00
821	0.7980	GX	0.00	6.00
822	0.7980	GX	0.00	6.00
824	0.7980	GX	0.00	6.00
828	0.7980	GX	0.00	6.00
829	0.7980	GX	0.00	6.00
830	0.7980	GX	0.00	6.00
831	0.7980	GX	0.00	6.00
844	0.7980	GX	0.00	6.00
845	0.7980	GX	0.00	6.00
846	0.7980	GX	0.00	6.00
847	0.7980	GX	0.00	6.00
848	0.7980	GX	0.00	6.00
849	0.7980	GX	0.00	6.00
868	0.7980	GX	0.00	5.00
869	0.7980	GX	0.00	5.00
870	0.7980	GX	0.00	0.50
871	0.7980	GX	0.00	0.50
872	0.7980	GX	0.00	5.00
873	0.7980	GX	0.00	0.50
874	0.7980	GX	0.00	5.00
875	0.7980	GX	0.00	0.50
894	0.7980	GX	0.00	1.50
903	0.7980	GX	0.00	1.50
906	0.7980	GX	0.00	1.50
908	0.7980	GX	0.00	2.80
914	0.7980	GX	0.00	2.80
940	0.7980	GX	0.00	6.00
82	0.7980	GY	0.00	6.00
83	0.7980	GY	0.00	6.00
84	0.7980	GY	0.00	6.00
85	0.7980	GY	0.00	6.00
86	0.7980	GY	0.00	6.00
87	0.7980	GY	0.00	6.00
88	0.7980	GY	0.00	6.00
89	0.7980	GY	0.00	6.00
90	0.7980	GY	0.00	0.50
91	0.7980	GY	0.00	6.00
92	0.7980	GY	0.00	6.00
93	0.7980	GY	0.00	6.00
94	0.7980	GY	0.00	6.00
95	0.7980	GY	0.00	6.00
96	0.7980	GY	0.00	0.50
97	0.7980	GY	0.00	6.00

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98	0.7980	GY	0.00	6.00
99	0.7980	GY	0.00	6.00
100	0.7980	GY	0.00	6.00
101	0.7980	GY	0.00	6.00
177	0.7980	GY	0.00	6.00
178	0.7980	GY	0.00	6.00
179	0.7980	GY	0.00	6.00
180	0.7980	GY	0.00	6.00
181	0.7980	GY	0.00	6.00
182	0.7980	GY	0.00	6.00
183	0.7980	GY	0.00	6.00
184	0.7980	GY	0.00	6.00
185	0.7980	GY	0.00	6.00
186	0.7980	GY	0.00	6.00
187	0.7980	GY	0.00	6.00
188	0.7980	GY	0.00	6.00
189	0.7980	GY	0.00	6.00
190	0.7980	GY	0.00	6.00
191	0.7980	GY	0.00	6.00
192	0.7980	GY	0.00	6.00
193	0.7980	GY	0.00	6.00
194	0.7980	GY	0.00	6.00
195	0.7980	GY	0.00	6.00
196	0.7980	GY	0.00	6.00
271	0.7980	GY	0.00	6.00
272	0.7980	GY	0.00	6.00
273	0.7980	GY	0.00	6.00
274	0.7980	GY	0.00	6.00
275	0.7980	GY	0.00	6.00
276	0.7980	GY	0.00	6.00
277	0.7980	GY	0.00	6.00
278	0.7980	GY	0.00	6.00
279	0.7980	GY	0.00	0.50
280	0.7980	GY	0.00	6.00
281	0.7980	GY	0.00	6.00
282	0.7980	GY	0.00	0.50
283	0.7980	GY	0.00	6.00
284	0.7980	GY	0.00	6.00
285	0.7980	GY	0.00	6.00
286	0.7980	GY	0.00	6.00
287	0.7980	GY	0.00	6.00
288	0.7980	GY	0.00	6.00
289	0.7980	GY	0.00	3.20
290	0.7980	GY	0.00	3.20
732	0.7980	GY	0.00	6.00
739	0.7980	GY	0.00	6.00
740	0.7980	GY	0.00	6.00
743	0.7980	GY	0.00	6.00
744	0.7980	GY	0.00	6.00
745	0.7980	GY	0.00	6.00
750	0.7980	GY	0.00	6.00
751	0.7980	GY	0.00	6.00
752	0.7980	GY	0.00	6.00
753	0.7980	GY	0.00	6.00
754	0.7980	GY	0.00	6.00
759	0.7980	GY	0.00	6.00

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760	0.7980	GY	0.00	6.00
761	0.7980	GY	0.00	6.00
762	0.7980	GY	0.00	6.00
763	0.7980	GY	0.00	1.50
770	0.7980	GY	0.00	6.00
771	0.7980	GY	0.00	6.00
774	0.7980	GY	0.00	6.00
775	0.7980	GY	0.00	6.00
778	0.7980	GY	0.00	6.00
779	0.7980	GY	0.00	6.00
782	0.7980	GY	0.00	6.00
783	0.7980	GY	0.00	6.00
788	0.7980	GY	0.00	6.00
789	0.7980	GY	0.00	6.00
790	0.7980	GY	0.00	6.00
791	0.7980	GY	0.00	6.00
793	0.7980	GY	0.00	6.00
794	0.7980	GY	0.00	6.00
795	0.7980	GY	0.00	6.00
796	0.7980	GY	0.00	6.00
802	0.7980	GY	0.00	6.00
815	0.7980	GY	0.00	6.00
816	0.7980	GY	0.00	6.00
817	0.7980	GY	0.00	6.00
818	0.7980	GY	0.00	6.00
819	0.7980	GY	0.00	6.00
820	0.7980	GY	0.00	6.00
821	0.7980	GY	0.00	6.00
822	0.7980	GY	0.00	6.00
824	0.7980	GY	0.00	6.00
828	0.7980	GY	0.00	6.00
829	0.7980	GY	0.00	6.00
830	0.7980	GY	0.00	6.00
831	0.7980	GY	0.00	6.00
844	0.7980	GY	0.00	6.00
845	0.7980	GY	0.00	6.00
846	0.7980	GY	0.00	6.00
847	0.7980	GY	0.00	6.00
848	0.7980	GY	0.00	6.00
849	0.7980	GY	0.00	6.00
868	0.7980	GY	0.00	5.00
869	0.7980	GY	0.00	5.00
870	0.7980	GY	0.00	0.50
871	0.7980	GY	0.00	0.50
872	0.7980	GY	0.00	5.00
873	0.7980	GY	0.00	0.50
874	0.7980	GY	0.00	5.00
875	0.7980	GY	0.00	0.50
894	0.7980	GY	0.00	1.50
903	0.7980	GY	0.00	1.50
906	0.7980	GY	0.00	1.50
908	0.7980	GY	0.00	2.80
914	0.7980	GY	0.00	2.80
940	0.7980	GY	0.00	6.00
82	0.7980	GZ	0.00	6.00
83	0.7980	GZ	0.00	6.00

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84	0.7980	GZ	0.00	6.00
85	0.7980	GZ	0.00	6.00
86	0.7980	GZ	0.00	6.00
87	0.7980	GZ	0.00	6.00
88	0.7980	GZ	0.00	6.00
89	0.7980	GZ	0.00	6.00
90	0.7980	GZ	0.00	0.50
91	0.7980	GZ	0.00	6.00
92	0.7980	GZ	0.00	6.00
93	0.7980	GZ	0.00	6.00
94	0.7980	GZ	0.00	6.00
95	0.7980	GZ	0.00	6.00
96	0.7980	GZ	0.00	0.50
97	0.7980	GZ	0.00	6.00
98	0.7980	GZ	0.00	6.00
99	0.7980	GZ	0.00	6.00
100	0.7980	GZ	0.00	6.00
101	0.7980	GZ	0.00	6.00
177	0.7980	GZ	0.00	6.00
178	0.7980	GZ	0.00	6.00
179	0.7980	GZ	0.00	6.00
180	0.7980	GZ	0.00	6.00
181	0.7980	GZ	0.00	6.00
182	0.7980	GZ	0.00	6.00
183	0.7980	GZ	0.00	6.00
184	0.7980	GZ	0.00	6.00
185	0.7980	GZ	0.00	6.00
186	0.7980	GZ	0.00	6.00
187	0.7980	GZ	0.00	6.00
188	0.7980	GZ	0.00	6.00
189	0.7980	GZ	0.00	6.00
190	0.7980	GZ	0.00	6.00
191	0.7980	GZ	0.00	6.00
192	0.7980	GZ	0.00	6.00
193	0.7980	GZ	0.00	6.00
194	0.7980	GZ	0.00	6.00
195	0.7980	GZ	0.00	6.00
196	0.7980	GZ	0.00	6.00
271	0.7980	GZ	0.00	6.00
272	0.7980	GZ	0.00	6.00
273	0.7980	GZ	0.00	6.00
274	0.7980	GZ	0.00	6.00
275	0.7980	GZ	0.00	6.00
276	0.7980	GZ	0.00	6.00
277	0.7980	GZ	0.00	6.00
278	0.7980	GZ	0.00	6.00
279	0.7980	GZ	0.00	0.50
280	0.7980	GZ	0.00	6.00
281	0.7980	GZ	0.00	6.00
282	0.7980	GZ	0.00	0.50
283	0.7980	GZ	0.00	6.00
284	0.7980	GZ	0.00	6.00
285	0.7980	GZ	0.00	6.00
286	0.7980	GZ	0.00	6.00
287	0.7980	GZ	0.00	6.00
288	0.7980	GZ	0.00	6.00

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289	0.7980	GZ	0.00	3.20
290	0.7980	GZ	0.00	3.20
732	0.7980	GZ	0.00	6.00
739	0.7980	GZ	0.00	6.00
740	0.7980	GZ	0.00	6.00
743	0.7980	GZ	0.00	6.00
744	0.7980	GZ	0.00	6.00
745	0.7980	GZ	0.00	6.00
750	0.7980	GZ	0.00	6.00
751	0.7980	GZ	0.00	6.00
752	0.7980	GZ	0.00	6.00
753	0.7980	GZ	0.00	6.00
754	0.7980	GZ	0.00	6.00
759	0.7980	GZ	0.00	6.00
760	0.7980	GZ	0.00	6.00
761	0.7980	GZ	0.00	6.00
762	0.7980	GZ	0.00	6.00
763	0.7980	GZ	0.00	1.50
770	0.7980	GZ	0.00	6.00
771	0.7980	GZ	0.00	6.00
774	0.7980	GZ	0.00	6.00
775	0.7980	GZ	0.00	6.00
778	0.7980	GZ	0.00	6.00
779	0.7980	GZ	0.00	6.00
782	0.7980	GZ	0.00	6.00
783	0.7980	GZ	0.00	6.00
788	0.7980	GZ	0.00	6.00
789	0.7980	GZ	0.00	6.00
790	0.7980	GZ	0.00	6.00
791	0.7980	GZ	0.00	6.00
793	0.7980	GZ	0.00	6.00
794	0.7980	GZ	0.00	6.00
795	0.7980	GZ	0.00	6.00
796	0.7980	GZ	0.00	6.00
802	0.7980	GZ	0.00	6.00
815	0.7980	GZ	0.00	6.00
816	0.7980	GZ	0.00	6.00
817	0.7980	GZ	0.00	6.00
818	0.7980	GZ	0.00	6.00
819	0.7980	GZ	0.00	6.00
820	0.7980	GZ	0.00	6.00
821	0.7980	GZ	0.00	6.00
822	0.7980	GZ	0.00	6.00
824	0.7980	GZ	0.00	6.00
828	0.7980	GZ	0.00	6.00
829	0.7980	GZ	0.00	6.00
830	0.7980	GZ	0.00	6.00
831	0.7980	GZ	0.00	6.00
844	0.7980	GZ	0.00	6.00
845	0.7980	GZ	0.00	6.00
846	0.7980	GZ	0.00	6.00
847	0.7980	GZ	0.00	6.00
848	0.7980	GZ	0.00	6.00
849	0.7980	GZ	0.00	6.00
868	0.7980	GZ	0.00	5.00
869	0.7980	GZ	0.00	5.00

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870	0.7980	GZ	0.00	0.50
871	0.7980	GZ	0.00	0.50
872	0.7980	GZ	0.00	5.00
873	0.7980	GZ	0.00	0.50
874	0.7980	GZ	0.00	5.00
875	0.7980	GZ	0.00	0.50
894	0.7980	GZ	0.00	1.50
903	0.7980	GZ	0.00	1.50
906	0.7980	GZ	0.00	1.50
908	0.7980	GZ	0.00	2.80
914	0.7980	GZ	0.00	2.80
940	0.7980	GZ	0.00	6.00
103	0.3890	GX	0.00	6.00
107	0.3890	GX	0.00	6.00
108	0.3890	GX	0.00	6.00
115	0.3890	GX	0.00	6.00
198	0.3890	GX	0.00	6.00
202	0.3890	GX	0.00	6.00
203	0.3890	GX	0.00	6.00
212	0.3890	GX	0.00	6.00
292	0.3890	GX	0.00	6.00
310	0.3890	GX	0.00	3.20
392	0.3890	GX	0.00	6.00
396	0.3890	GX	0.00	6.00
397	0.3890	GX	0.00	6.00
403	0.3890	GX	0.00	6.00
474	0.3890	GX	0.00	6.00
490	0.3890	GX	0.00	6.00
566	0.3890	GX	0.00	6.00
584	0.3890	GX	0.00	6.00
921	0.3890	GX	0.00	2.80
103	0.3890	GY	0.00	6.00
107	0.3890	GY	0.00	6.00
108	0.3890	GY	0.00	6.00
115	0.3890	GY	0.00	6.00
198	0.3890	GY	0.00	6.00
202	0.3890	GY	0.00	6.00
203	0.3890	GY	0.00	6.00
212	0.3890	GY	0.00	6.00
292	0.3890	GY	0.00	6.00
310	0.3890	GY	0.00	3.20
392	0.3890	GY	0.00	6.00
396	0.3890	GY	0.00	6.00
397	0.3890	GY	0.00	6.00
403	0.3890	GY	0.00	6.00
474	0.3890	GY	0.00	6.00
490	0.3890	GY	0.00	6.00
566	0.3890	GY	0.00	6.00
584	0.3890	GY	0.00	6.00
921	0.3890	GY	0.00	2.80
103	0.3890	GZ	0.00	6.00
107	0.3890	GZ	0.00	6.00
108	0.3890	GZ	0.00	6.00
115	0.3890	GZ	0.00	6.00
198	0.3890	GZ	0.00	6.00
202	0.3890	GZ	0.00	6.00

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203	0.3890	GZ	0.00	6.00
212	0.3890	GZ	0.00	6.00
292	0.3890	GZ	0.00	6.00
310	0.3890	GZ	0.00	3.20
392	0.3890	GZ	0.00	6.00
396	0.3890	GZ	0.00	6.00
397	0.3890	GZ	0.00	6.00
403	0.3890	GZ	0.00	6.00
474	0.3890	GZ	0.00	6.00
490	0.3890	GZ	0.00	6.00
566	0.3890	GZ	0.00	6.00
584	0.3890	GZ	0.00	6.00
921	0.3890	GZ	0.00	2.80
77	0.7780	GX	0.00	4.30
78	0.7780	GX	0.00	4.30
79	0.7780	GX	0.00	5.28
80	0.7780	GX	0.00	5.28
104	0.7780	GX	0.00	6.00
105	0.7780	GX	0.00	6.00
106	0.7780	GX	0.00	6.00
109	0.7780	GX	0.00	6.00
110	0.7780	GX	0.00	6.00
111	0.7780	GX	0.00	6.00
112	0.7780	GX	0.00	6.00
113	0.7780	GX	0.00	6.00
114	0.7780	GX	0.00	6.00
116	0.7780	GX	0.00	0.80
117	0.7780	GX	0.00	0.80
118	0.7780	GX	0.00	0.90
119	0.7780	GX	0.00	0.90
120	0.7780	GX	0.00	0.72
121	0.7780	GX	0.00	0.72
174	0.7780	GX	0.00	0.72
175	0.7780	GX	0.00	0.72
199	0.7780	GX	0.00	6.00
200	0.7780	GX	0.00	6.00
201	0.7780	GX	0.00	6.00
204	0.7780	GX	0.00	6.00
205	0.7780	GX	0.00	6.00
206	0.7780	GX	0.00	6.00
207	0.7780	GX	0.00	6.00
208	0.7780	GX	0.00	6.00
209	0.7780	GX	0.00	6.00
210	0.7780	GX	0.00	6.00
211	0.7780	GX	0.00	6.00
213	0.7780	GX	0.00	5.28
214	0.7780	GX	0.00	5.28
293	0.7780	GX	0.00	6.00
294	0.7780	GX	0.00	6.00
295	0.7780	GX	0.00	0.50
296	0.7780	GX	0.00	6.00
297	0.7780	GX	0.00	6.00
298	0.7780	GX	0.00	6.00
299	0.7780	GX	0.00	6.00
300	0.7780	GX	0.00	6.00
301	0.7780	GX	0.00	6.00

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302	0.7780	GX	0.00	6.00
303	0.7780	GX	0.00	6.00
304	0.7780	GX	0.00	6.00
305	0.7780	GX	0.00	6.00
306	0.7780	GX	0.00	6.00
307	0.7780	GX	0.00	6.00
308	0.7780	GX	0.00	3.20
309	0.7780	GX	0.00	3.20
368	0.7780	GX	0.00	1.25
369	0.7780	GX	0.00	1.25
371	0.7780	GX	0.00	2.25
372	0.7780	GX	0.00	2.25
393	0.7780	GX	0.00	6.00
394	0.7780	GX	0.00	6.00
395	0.7780	GX	0.00	6.00
398	0.7780	GX	0.00	6.00
399	0.7780	GX	0.00	6.00
400	0.7780	GX	0.00	6.00
401	0.7780	GX	0.00	6.00
402	0.7780	GX	0.00	6.00
405	0.7780	GX	0.00	2.50
406	0.7780	GX	0.00	2.50
450	0.7780	GX	0.00	1.75
451	0.7780	GX	0.00	1.75
453	0.7780	GX	0.00	2.00
454	0.7780	GX	0.00	2.00
475	0.7780	GX	0.00	6.00
476	0.7780	GX	0.00	6.00
477	0.7780	GX	0.00	6.00
478	0.7780	GX	0.00	6.00
479	0.7780	GX	0.00	6.00
480	0.7780	GX	0.00	6.00
481	0.7780	GX	0.00	6.00
482	0.7780	GX	0.00	6.00
483	0.7780	GX	0.00	6.00
484	0.7780	GX	0.00	6.00
485	0.7780	GX	0.00	6.00
486	0.7780	GX	0.00	6.00
487	0.7780	GX	0.00	6.00
488	0.7780	GX	0.00	6.00
489	0.7780	GX	0.00	6.00
492	0.7780	GX	0.00	2.25
493	0.7780	GX	0.00	2.25
567	0.7780	GX	0.00	6.00
568	0.7780	GX	0.00	6.00
569	0.7780	GX	0.00	6.00
570	0.7780	GX	0.00	6.00
571	0.7780	GX	0.00	6.00
572	0.7780	GX	0.00	6.00
573	0.7780	GX	0.00	6.00
574	0.7780	GX	0.00	6.00
575	0.7780	GX	0.00	6.00
576	0.7780	GX	0.00	6.00
577	0.7780	GX	0.00	6.00
578	0.7780	GX	0.00	6.00
579	0.7780	GX	0.00	6.00

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580	0.7780	GX	0.00	6.00
581	0.7780	GX	0.00	6.00
582	0.7780	GX	0.00	6.00
583	0.7780	GX	0.00	6.00
884	0.7780	GX	0.00	5.00
885	0.7780	GX	0.00	0.50
934	0.7780	GX	0.00	2.80
936	0.7780	GX	0.00	2.80
77	0.7780	GY	0.00	4.30
78	0.7780	GY	0.00	4.30
79	0.7780	GY	0.00	5.28
80	0.7780	GY	0.00	5.28
104	0.7780	GY	0.00	6.00
105	0.7780	GY	0.00	6.00
106	0.7780	GY	0.00	6.00
109	0.7780	GY	0.00	6.00
110	0.7780	GY	0.00	6.00
111	0.7780	GY	0.00	6.00
112	0.7780	GY	0.00	6.00
113	0.7780	GY	0.00	6.00
114	0.7780	GY	0.00	6.00
116	0.7780	GY	0.00	0.80
117	0.7780	GY	0.00	0.80
118	0.7780	GY	0.00	0.90
119	0.7780	GY	0.00	0.90
120	0.7780	GY	0.00	0.72
121	0.7780	GY	0.00	0.72
174	0.7780	GY	0.00	0.72
175	0.7780	GY	0.00	0.72
199	0.7780	GY	0.00	6.00
200	0.7780	GY	0.00	6.00
201	0.7780	GY	0.00	6.00
204	0.7780	GY	0.00	6.00
205	0.7780	GY	0.00	6.00
206	0.7780	GY	0.00	6.00
207	0.7780	GY	0.00	6.00
208	0.7780	GY	0.00	6.00
209	0.7780	GY	0.00	6.00
210	0.7780	GY	0.00	6.00
211	0.7780	GY	0.00	6.00
213	0.7780	GY	0.00	5.28
214	0.7780	GY	0.00	5.28
293	0.7780	GY	0.00	6.00
294	0.7780	GY	0.00	6.00
295	0.7780	GY	0.00	0.50
296	0.7780	GY	0.00	6.00
297	0.7780	GY	0.00	6.00
298	0.7780	GY	0.00	6.00
299	0.7780	GY	0.00	6.00
300	0.7780	GY	0.00	6.00
301	0.7780	GY	0.00	6.00
302	0.7780	GY	0.00	6.00
303	0.7780	GY	0.00	6.00
304	0.7780	GY	0.00	6.00
305	0.7780	GY	0.00	6.00
306	0.7780	GY	0.00	6.00

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307	0.7780	GY	0.00	6.00
308	0.7780	GY	0.00	3.20
309	0.7780	GY	0.00	3.20
368	0.7780	GY	0.00	1.25
369	0.7780	GY	0.00	1.25
371	0.7780	GY	0.00	2.25
372	0.7780	GY	0.00	2.25
393	0.7780	GY	0.00	6.00
394	0.7780	GY	0.00	6.00
395	0.7780	GY	0.00	6.00
398	0.7780	GY	0.00	6.00
399	0.7780	GY	0.00	6.00
400	0.7780	GY	0.00	6.00
401	0.7780	GY	0.00	6.00
402	0.7780	GY	0.00	6.00
405	0.7780	GY	0.00	2.50
406	0.7780	GY	0.00	2.50
450	0.7780	GY	0.00	1.75
451	0.7780	GY	0.00	1.75
453	0.7780	GY	0.00	2.00
454	0.7780	GY	0.00	2.00
475	0.7780	GY	0.00	6.00
476	0.7780	GY	0.00	6.00
477	0.7780	GY	0.00	6.00
478	0.7780	GY	0.00	6.00
479	0.7780	GY	0.00	6.00
480	0.7780	GY	0.00	6.00
481	0.7780	GY	0.00	6.00
482	0.7780	GY	0.00	6.00
483	0.7780	GY	0.00	6.00
484	0.7780	GY	0.00	6.00
485	0.7780	GY	0.00	6.00
486	0.7780	GY	0.00	6.00
487	0.7780	GY	0.00	6.00
488	0.7780	GY	0.00	6.00
489	0.7780	GY	0.00	6.00
492	0.7780	GY	0.00	2.25
493	0.7780	GY	0.00	2.25
567	0.7780	GY	0.00	6.00
568	0.7780	GY	0.00	6.00
569	0.7780	GY	0.00	6.00
570	0.7780	GY	0.00	6.00
571	0.7780	GY	0.00	6.00
572	0.7780	GY	0.00	6.00
573	0.7780	GY	0.00	6.00
574	0.7780	GY	0.00	6.00
575	0.7780	GY	0.00	6.00
576	0.7780	GY	0.00	6.00
577	0.7780	GY	0.00	6.00
578	0.7780	GY	0.00	6.00
579	0.7780	GY	0.00	6.00
580	0.7780	GY	0.00	6.00
581	0.7780	GY	0.00	6.00
582	0.7780	GY	0.00	6.00
583	0.7780	GY	0.00	6.00
884	0.7780	GY	0.00	5.00

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885	0.7780	GY	0.00	0.50
934	0.7780	GY	0.00	2.80
936	0.7780	GY	0.00	2.80
77	0.7780	GZ	0.00	4.30
78	0.7780	GZ	0.00	4.30
79	0.7780	GZ	0.00	5.28
80	0.7780	GZ	0.00	5.28
104	0.7780	GZ	0.00	6.00
105	0.7780	GZ	0.00	6.00
106	0.7780	GZ	0.00	6.00
109	0.7780	GZ	0.00	6.00
110	0.7780	GZ	0.00	6.00
111	0.7780	GZ	0.00	6.00
112	0.7780	GZ	0.00	6.00
113	0.7780	GZ	0.00	6.00
114	0.7780	GZ	0.00	6.00
116	0.7780	GZ	0.00	0.80
117	0.7780	GZ	0.00	0.80
118	0.7780	GZ	0.00	0.90
119	0.7780	GZ	0.00	0.90
120	0.7780	GZ	0.00	0.72
121	0.7780	GZ	0.00	0.72
174	0.7780	GZ	0.00	0.72
175	0.7780	GZ	0.00	0.72
199	0.7780	GZ	0.00	6.00
200	0.7780	GZ	0.00	6.00
201	0.7780	GZ	0.00	6.00
204	0.7780	GZ	0.00	6.00
205	0.7780	GZ	0.00	6.00
206	0.7780	GZ	0.00	6.00
207	0.7780	GZ	0.00	6.00
208	0.7780	GZ	0.00	6.00
209	0.7780	GZ	0.00	6.00
210	0.7780	GZ	0.00	6.00
211	0.7780	GZ	0.00	6.00
213	0.7780	GZ	0.00	5.28
214	0.7780	GZ	0.00	5.28
293	0.7780	GZ	0.00	6.00
294	0.7780	GZ	0.00	6.00
295	0.7780	GZ	0.00	0.50
296	0.7780	GZ	0.00	6.00
297	0.7780	GZ	0.00	6.00
298	0.7780	GZ	0.00	6.00
299	0.7780	GZ	0.00	6.00
300	0.7780	GZ	0.00	6.00
301	0.7780	GZ	0.00	6.00
302	0.7780	GZ	0.00	6.00
303	0.7780	GZ	0.00	6.00
304	0.7780	GZ	0.00	6.00
305	0.7780	GZ	0.00	6.00
306	0.7780	GZ	0.00	6.00
307	0.7780	GZ	0.00	6.00
308	0.7780	GZ	0.00	3.20
309	0.7780	GZ	0.00	3.20
368	0.7780	GZ	0.00	1.25
369	0.7780	GZ	0.00	1.25

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371	0.7780	GZ	0.00	2.25
372	0.7780	GZ	0.00	2.25
393	0.7780	GZ	0.00	6.00
394	0.7780	GZ	0.00	6.00
395	0.7780	GZ	0.00	6.00
398	0.7780	GZ	0.00	6.00
399	0.7780	GZ	0.00	6.00
400	0.7780	GZ	0.00	6.00
401	0.7780	GZ	0.00	6.00
402	0.7780	GZ	0.00	6.00
405	0.7780	GZ	0.00	2.50
406	0.7780	GZ	0.00	2.50
450	0.7780	GZ	0.00	1.75
451	0.7780	GZ	0.00	1.75
453	0.7780	GZ	0.00	2.00
454	0.7780	GZ	0.00	2.00
475	0.7780	GZ	0.00	6.00
476	0.7780	GZ	0.00	6.00
477	0.7780	GZ	0.00	6.00
478	0.7780	GZ	0.00	6.00
479	0.7780	GZ	0.00	6.00
480	0.7780	GZ	0.00	6.00
481	0.7780	GZ	0.00	6.00
482	0.7780	GZ	0.00	6.00
483	0.7780	GZ	0.00	6.00
484	0.7780	GZ	0.00	6.00
485	0.7780	GZ	0.00	6.00
486	0.7780	GZ	0.00	6.00
487	0.7780	GZ	0.00	6.00
488	0.7780	GZ	0.00	6.00
489	0.7780	GZ	0.00	6.00
492	0.7780	GZ	0.00	2.25
493	0.7780	GZ	0.00	2.25
567	0.7780	GZ	0.00	6.00
568	0.7780	GZ	0.00	6.00
569	0.7780	GZ	0.00	6.00
570	0.7780	GZ	0.00	6.00
571	0.7780	GZ	0.00	6.00
572	0.7780	GZ	0.00	6.00
573	0.7780	GZ	0.00	6.00
574	0.7780	GZ	0.00	6.00
575	0.7780	GZ	0.00	6.00
576	0.7780	GZ	0.00	6.00
577	0.7780	GZ	0.00	6.00
578	0.7780	GZ	0.00	6.00
579	0.7780	GZ	0.00	6.00
580	0.7780	GZ	0.00	6.00
581	0.7780	GZ	0.00	6.00
582	0.7780	GZ	0.00	6.00
583	0.7780	GZ	0.00	6.00
884	0.7780	GZ	0.00	5.00
885	0.7780	GZ	0.00	0.50
934	0.7780	GZ	0.00	2.80
936	0.7780	GZ	0.00	2.80
82	0.3600	GX	0.00	6.00
83	0.3600	GX	0.00	6.00

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84	0.3600	GX	0.00	6.00
85	0.3600	GX	0.00	6.00
86	0.3600	GX	0.00	6.00
87	0.3600	GX	0.00	6.00
88	0.3600	GX	0.00	6.00
89	0.3600	GX	0.00	6.00
90	0.3600	GX	0.00	0.50
91	0.3600	GX	0.00	6.00
92	0.3600	GX	0.00	6.00
93	0.3600	GX	0.00	6.00
94	0.3600	GX	0.00	6.00
95	0.3600	GX	0.00	6.00
96	0.3600	GX	0.00	0.50
97	0.3600	GX	0.00	6.00
98	0.3600	GX	0.00	6.00
99	0.3600	GX	0.00	6.00
100	0.3600	GX	0.00	6.00
101	0.3600	GX	0.00	6.00
177	0.3600	GX	0.00	6.00
178	0.3600	GX	0.00	6.00
179	0.3600	GX	0.00	6.00
180	0.3600	GX	0.00	6.00
181	0.3600	GX	0.00	6.00
182	0.3600	GX	0.00	6.00
183	0.3600	GX	0.00	6.00
184	0.3600	GX	0.00	6.00
185	0.3600	GX	0.00	6.00
186	0.3600	GX	0.00	6.00
187	0.3600	GX	0.00	6.00
188	0.3600	GX	0.00	6.00
189	0.3600	GX	0.00	6.00
190	0.3600	GX	0.00	6.00
191	0.3600	GX	0.00	6.00
192	0.3600	GX	0.00	6.00
193	0.3600	GX	0.00	6.00
194	0.3600	GX	0.00	6.00
195	0.3600	GX	0.00	6.00
196	0.3600	GX	0.00	6.00
271	0.3600	GX	0.00	6.00
272	0.3600	GX	0.00	6.00
273	0.3600	GX	0.00	6.00
274	0.3600	GX	0.00	6.00
275	0.3600	GX	0.00	6.00
276	0.3600	GX	0.00	6.00
277	0.3600	GX	0.00	6.00
278	0.3600	GX	0.00	6.00
279	0.3600	GX	0.00	0.50
280	0.3600	GX	0.00	6.00
281	0.3600	GX	0.00	6.00
282	0.3600	GX	0.00	0.50
283	0.3600	GX	0.00	6.00
284	0.3600	GX	0.00	6.00
285	0.3600	GX	0.00	6.00
286	0.3600	GX	0.00	6.00
287	0.3600	GX	0.00	6.00
288	0.3600	GX	0.00	6.00

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289	0.3600	GX	0.00	3.20
290	0.3600	GX	0.00	3.20
732	0.3600	GX	0.00	6.00
739	0.3600	GX	0.00	6.00
740	0.3600	GX	0.00	6.00
743	0.3600	GX	0.00	6.00
744	0.3600	GX	0.00	6.00
745	0.3600	GX	0.00	6.00
750	0.3600	GX	0.00	6.00
751	0.3600	GX	0.00	6.00
752	0.3600	GX	0.00	6.00
753	0.3600	GX	0.00	6.00
754	0.3600	GX	0.00	6.00
759	0.3600	GX	0.00	6.00
760	0.3600	GX	0.00	6.00
761	0.3600	GX	0.00	6.00
762	0.3600	GX	0.00	6.00
763	0.3600	GX	0.00	1.50
770	0.3600	GX	0.00	6.00
771	0.3600	GX	0.00	6.00
774	0.3600	GX	0.00	6.00
775	0.3600	GX	0.00	6.00
778	0.3600	GX	0.00	6.00
779	0.3600	GX	0.00	6.00
782	0.3600	GX	0.00	6.00
783	0.3600	GX	0.00	6.00
788	0.3600	GX	0.00	6.00
789	0.3600	GX	0.00	6.00
790	0.3600	GX	0.00	6.00
791	0.3600	GX	0.00	6.00
793	0.3600	GX	0.00	6.00
794	0.3600	GX	0.00	6.00
795	0.3600	GX	0.00	6.00
796	0.3600	GX	0.00	6.00
802	0.3600	GX	0.00	6.00
815	0.3600	GX	0.00	6.00
816	0.3600	GX	0.00	6.00
817	0.3600	GX	0.00	6.00
818	0.3600	GX	0.00	6.00
819	0.3600	GX	0.00	6.00
820	0.3600	GX	0.00	6.00
821	0.3600	GX	0.00	6.00
822	0.3600	GX	0.00	6.00
824	0.3600	GX	0.00	6.00
828	0.3600	GX	0.00	6.00
829	0.3600	GX	0.00	6.00
830	0.3600	GX	0.00	6.00
831	0.3600	GX	0.00	6.00
844	0.3600	GX	0.00	6.00
845	0.3600	GX	0.00	6.00
846	0.3600	GX	0.00	6.00
847	0.3600	GX	0.00	6.00
848	0.3600	GX	0.00	6.00
849	0.3600	GX	0.00	6.00
868	0.3600	GX	0.00	5.00
869	0.3600	GX	0.00	5.00

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870	0.3600	GX	0.00	0.50
871	0.3600	GX	0.00	0.50
872	0.3600	GX	0.00	5.00
873	0.3600	GX	0.00	0.50
874	0.3600	GX	0.00	5.00
875	0.3600	GX	0.00	0.50
894	0.3600	GX	0.00	1.50
903	0.3600	GX	0.00	1.50
906	0.3600	GX	0.00	1.50
908	0.3600	GX	0.00	2.80
914	0.3600	GX	0.00	2.80
940	0.3600	GX	0.00	6.00
82	0.3600	GY	0.00	6.00
83	0.3600	GY	0.00	6.00
84	0.3600	GY	0.00	6.00
85	0.3600	GY	0.00	6.00
86	0.3600	GY	0.00	6.00
87	0.3600	GY	0.00	6.00
88	0.3600	GY	0.00	6.00
89	0.3600	GY	0.00	6.00
90	0.3600	GY	0.00	0.50
91	0.3600	GY	0.00	6.00
92	0.3600	GY	0.00	6.00
93	0.3600	GY	0.00	6.00
94	0.3600	GY	0.00	6.00
95	0.3600	GY	0.00	6.00
96	0.3600	GY	0.00	0.50
97	0.3600	GY	0.00	6.00
98	0.3600	GY	0.00	6.00
99	0.3600	GY	0.00	6.00
100	0.3600	GY	0.00	6.00
101	0.3600	GY	0.00	6.00
177	0.3600	GY	0.00	6.00
178	0.3600	GY	0.00	6.00
179	0.3600	GY	0.00	6.00
180	0.3600	GY	0.00	6.00
181	0.3600	GY	0.00	6.00
182	0.3600	GY	0.00	6.00
183	0.3600	GY	0.00	6.00
184	0.3600	GY	0.00	6.00
185	0.3600	GY	0.00	6.00
186	0.3600	GY	0.00	6.00
187	0.3600	GY	0.00	6.00
188	0.3600	GY	0.00	6.00
189	0.3600	GY	0.00	6.00
190	0.3600	GY	0.00	6.00
191	0.3600	GY	0.00	6.00
192	0.3600	GY	0.00	6.00
193	0.3600	GY	0.00	6.00
194	0.3600	GY	0.00	6.00
195	0.3600	GY	0.00	6.00
196	0.3600	GY	0.00	6.00
271	0.3600	GY	0.00	6.00
272	0.3600	GY	0.00	6.00
273	0.3600	GY	0.00	6.00
274	0.3600	GY	0.00	6.00

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275	0.3600	GY	0.00	6.00
276	0.3600	GY	0.00	6.00
277	0.3600	GY	0.00	6.00
278	0.3600	GY	0.00	6.00
279	0.3600	GY	0.00	0.50
280	0.3600	GY	0.00	6.00
281	0.3600	GY	0.00	6.00
282	0.3600	GY	0.00	0.50
283	0.3600	GY	0.00	6.00
284	0.3600	GY	0.00	6.00
285	0.3600	GY	0.00	6.00
286	0.3600	GY	0.00	6.00
287	0.3600	GY	0.00	6.00
288	0.3600	GY	0.00	6.00
289	0.3600	GY	0.00	3.20
290	0.3600	GY	0.00	3.20
732	0.3600	GY	0.00	6.00
739	0.3600	GY	0.00	6.00
740	0.3600	GY	0.00	6.00
743	0.3600	GY	0.00	6.00
744	0.3600	GY	0.00	6.00
745	0.3600	GY	0.00	6.00
750	0.3600	GY	0.00	6.00
751	0.3600	GY	0.00	6.00
752	0.3600	GY	0.00	6.00
753	0.3600	GY	0.00	6.00
754	0.3600	GY	0.00	6.00
759	0.3600	GY	0.00	6.00
760	0.3600	GY	0.00	6.00
761	0.3600	GY	0.00	6.00
762	0.3600	GY	0.00	6.00
763	0.3600	GY	0.00	1.50
770	0.3600	GY	0.00	6.00
771	0.3600	GY	0.00	6.00
774	0.3600	GY	0.00	6.00
775	0.3600	GY	0.00	6.00
778	0.3600	GY	0.00	6.00
779	0.3600	GY	0.00	6.00
782	0.3600	GY	0.00	6.00
783	0.3600	GY	0.00	6.00
788	0.3600	GY	0.00	6.00
789	0.3600	GY	0.00	6.00
790	0.3600	GY	0.00	6.00
791	0.3600	GY	0.00	6.00
793	0.3600	GY	0.00	6.00
794	0.3600	GY	0.00	6.00
795	0.3600	GY	0.00	6.00
796	0.3600	GY	0.00	6.00
802	0.3600	GY	0.00	6.00
815	0.3600	GY	0.00	6.00
816	0.3600	GY	0.00	6.00
817	0.3600	GY	0.00	6.00
818	0.3600	GY	0.00	6.00
819	0.3600	GY	0.00	6.00
820	0.3600	GY	0.00	6.00
821	0.3600	GY	0.00	6.00

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822	0.3600	GY	0.00	6.00
824	0.3600	GY	0.00	6.00
828	0.3600	GY	0.00	6.00
829	0.3600	GY	0.00	6.00
830	0.3600	GY	0.00	6.00
831	0.3600	GY	0.00	6.00
844	0.3600	GY	0.00	6.00
845	0.3600	GY	0.00	6.00
846	0.3600	GY	0.00	6.00
847	0.3600	GY	0.00	6.00
848	0.3600	GY	0.00	6.00
849	0.3600	GY	0.00	6.00
868	0.3600	GY	0.00	5.00
869	0.3600	GY	0.00	5.00
870	0.3600	GY	0.00	0.50
871	0.3600	GY	0.00	0.50
872	0.3600	GY	0.00	5.00
873	0.3600	GY	0.00	0.50
874	0.3600	GY	0.00	5.00
875	0.3600	GY	0.00	0.50
894	0.3600	GY	0.00	1.50
903	0.3600	GY	0.00	1.50
906	0.3600	GY	0.00	1.50
908	0.3600	GY	0.00	2.80
914	0.3600	GY	0.00	2.80
940	0.3600	GY	0.00	6.00
82	0.3600	GZ	0.00	6.00
83	0.3600	GZ	0.00	6.00
84	0.3600	GZ	0.00	6.00
85	0.3600	GZ	0.00	6.00
86	0.3600	GZ	0.00	6.00
87	0.3600	GZ	0.00	6.00
88	0.3600	GZ	0.00	6.00
89	0.3600	GZ	0.00	6.00
90	0.3600	GZ	0.00	0.50
91	0.3600	GZ	0.00	6.00
92	0.3600	GZ	0.00	6.00
93	0.3600	GZ	0.00	6.00
94	0.3600	GZ	0.00	6.00
95	0.3600	GZ	0.00	6.00
96	0.3600	GZ	0.00	0.50
97	0.3600	GZ	0.00	6.00
98	0.3600	GZ	0.00	6.00
99	0.3600	GZ	0.00	6.00
100	0.3600	GZ	0.00	6.00
101	0.3600	GZ	0.00	6.00
177	0.3600	GZ	0.00	6.00
178	0.3600	GZ	0.00	6.00
179	0.3600	GZ	0.00	6.00
180	0.3600	GZ	0.00	6.00
181	0.3600	GZ	0.00	6.00
182	0.3600	GZ	0.00	6.00
183	0.3600	GZ	0.00	6.00
184	0.3600	GZ	0.00	6.00
185	0.3600	GZ	0.00	6.00
186	0.3600	GZ	0.00	6.00

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187	0.3600	GZ	0.00	6.00
188	0.3600	GZ	0.00	6.00
189	0.3600	GZ	0.00	6.00
190	0.3600	GZ	0.00	6.00
191	0.3600	GZ	0.00	6.00
192	0.3600	GZ	0.00	6.00
193	0.3600	GZ	0.00	6.00
194	0.3600	GZ	0.00	6.00
195	0.3600	GZ	0.00	6.00
196	0.3600	GZ	0.00	6.00
271	0.3600	GZ	0.00	6.00
272	0.3600	GZ	0.00	6.00
273	0.3600	GZ	0.00	6.00
274	0.3600	GZ	0.00	6.00
275	0.3600	GZ	0.00	6.00
276	0.3600	GZ	0.00	6.00
277	0.3600	GZ	0.00	6.00
278	0.3600	GZ	0.00	6.00
279	0.3600	GZ	0.00	0.50
280	0.3600	GZ	0.00	6.00
281	0.3600	GZ	0.00	6.00
282	0.3600	GZ	0.00	0.50
283	0.3600	GZ	0.00	6.00
284	0.3600	GZ	0.00	6.00
285	0.3600	GZ	0.00	6.00
286	0.3600	GZ	0.00	6.00
287	0.3600	GZ	0.00	6.00
288	0.3600	GZ	0.00	6.00
289	0.3600	GZ	0.00	3.20
290	0.3600	GZ	0.00	3.20
732	0.3600	GZ	0.00	6.00
739	0.3600	GZ	0.00	6.00
740	0.3600	GZ	0.00	6.00
743	0.3600	GZ	0.00	6.00
744	0.3600	GZ	0.00	6.00
745	0.3600	GZ	0.00	6.00
750	0.3600	GZ	0.00	6.00
751	0.3600	GZ	0.00	6.00
752	0.3600	GZ	0.00	6.00
753	0.3600	GZ	0.00	6.00
754	0.3600	GZ	0.00	6.00
759	0.3600	GZ	0.00	6.00
760	0.3600	GZ	0.00	6.00
761	0.3600	GZ	0.00	6.00
762	0.3600	GZ	0.00	6.00
763	0.3600	GZ	0.00	1.50
770	0.3600	GZ	0.00	6.00
771	0.3600	GZ	0.00	6.00
774	0.3600	GZ	0.00	6.00
775	0.3600	GZ	0.00	6.00
778	0.3600	GZ	0.00	6.00
779	0.3600	GZ	0.00	6.00
782	0.3600	GZ	0.00	6.00
783	0.3600	GZ	0.00	6.00
788	0.3600	GZ	0.00	6.00
789	0.3600	GZ	0.00	6.00

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790	0.3600	GZ	0.00	6.00
791	0.3600	GZ	0.00	6.00
793	0.3600	GZ	0.00	6.00
794	0.3600	GZ	0.00	6.00
795	0.3600	GZ	0.00	6.00
796	0.3600	GZ	0.00	6.00
802	0.3600	GZ	0.00	6.00
815	0.3600	GZ	0.00	6.00
816	0.3600	GZ	0.00	6.00
817	0.3600	GZ	0.00	6.00
818	0.3600	GZ	0.00	6.00
819	0.3600	GZ	0.00	6.00
820	0.3600	GZ	0.00	6.00
821	0.3600	GZ	0.00	6.00
822	0.3600	GZ	0.00	6.00
824	0.3600	GZ	0.00	6.00
828	0.3600	GZ	0.00	6.00
829	0.3600	GZ	0.00	6.00
830	0.3600	GZ	0.00	6.00
831	0.3600	GZ	0.00	6.00
844	0.3600	GZ	0.00	6.00
845	0.3600	GZ	0.00	6.00
846	0.3600	GZ	0.00	6.00
847	0.3600	GZ	0.00	6.00
848	0.3600	GZ	0.00	6.00
849	0.3600	GZ	0.00	6.00
868	0.3600	GZ	0.00	5.00
869	0.3600	GZ	0.00	5.00
870	0.3600	GZ	0.00	0.50
871	0.3600	GZ	0.00	0.50
872	0.3600	GZ	0.00	5.00
873	0.3600	GZ	0.00	0.50
874	0.3600	GZ	0.00	5.00
875	0.3600	GZ	0.00	0.50
894	0.3600	GZ	0.00	1.50
903	0.3600	GZ	0.00	1.50
906	0.3600	GZ	0.00	1.50
908	0.3600	GZ	0.00	2.80
914	0.3600	GZ	0.00	2.80
940	0.3600	GZ	0.00	6.00
81	0.1800	GX	0.00	6.00
102	0.1800	GX	0.00	6.00
176	0.1800	GX	0.00	6.00
197	0.1800	GX	0.00	6.00
270	0.1800	GX	0.00	6.00
291	0.1800	GX	0.00	3.20
797	0.1800	GX	0.00	6.00
798	0.1800	GX	0.00	6.00
799	0.1800	GX	0.00	6.00
800	0.1800	GX	0.00	6.00
801	0.1800	GX	0.00	6.00
823	0.1800	GX	0.00	6.00
833	0.1800	GX	0.00	6.00
834	0.1800	GX	0.00	6.00
835	0.1800	GX	0.00	6.00
854	0.1800	GX	0.00	2.00

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855	0.1800	GX	0.00	0.50
909	0.1800	GX	0.00	2.80
939	0.1800	GX	0.00	2.00
81	0.1800	GY	0.00	6.00
102	0.1800	GY	0.00	6.00
176	0.1800	GY	0.00	6.00
197	0.1800	GY	0.00	6.00
270	0.1800	GY	0.00	6.00
291	0.1800	GY	0.00	3.20
797	0.1800	GY	0.00	6.00
798	0.1800	GY	0.00	6.00
799	0.1800	GY	0.00	6.00
800	0.1800	GY	0.00	6.00
801	0.1800	GY	0.00	6.00
823	0.1800	GY	0.00	6.00
833	0.1800	GY	0.00	6.00
834	0.1800	GY	0.00	6.00
835	0.1800	GY	0.00	6.00
854	0.1800	GY	0.00	2.00
855	0.1800	GY	0.00	0.50
909	0.1800	GY	0.00	2.80
939	0.1800	GY	0.00	2.00
81	0.1800	GZ	0.00	6.00
102	0.1800	GZ	0.00	6.00
176	0.1800	GZ	0.00	6.00
197	0.1800	GZ	0.00	6.00
270	0.1800	GZ	0.00	6.00
291	0.1800	GZ	0.00	3.20
797	0.1800	GZ	0.00	6.00
798	0.1800	GZ	0.00	6.00
799	0.1800	GZ	0.00	6.00
800	0.1800	GZ	0.00	6.00
801	0.1800	GZ	0.00	6.00
823	0.1800	GZ	0.00	6.00
833	0.1800	GZ	0.00	6.00
834	0.1800	GZ	0.00	6.00
835	0.1800	GZ	0.00	6.00
854	0.1800	GZ	0.00	2.00
855	0.1800	GZ	0.00	0.50
909	0.1800	GZ	0.00	2.80
939	0.1800	GZ	0.00	2.00
103	0.0700	GX	0.00	6.00
107	0.0700	GX	0.00	6.00
108	0.0700	GX	0.00	6.00
115	0.0700	GX	0.00	6.00
198	0.0700	GX	0.00	6.00
202	0.0700	GX	0.00	6.00
203	0.0700	GX	0.00	6.00
212	0.0700	GX	0.00	6.00
292	0.0700	GX	0.00	6.00
310	0.0700	GX	0.00	3.20
392	0.0700	GX	0.00	6.00
396	0.0700	GX	0.00	6.00
397	0.0700	GX	0.00	6.00
403	0.0700	GX	0.00	6.00
474	0.0700	GX	0.00	6.00

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490	0.0700	GX	0.00	6.00
566	0.0700	GX	0.00	6.00
584	0.0700	GX	0.00	6.00
921	0.0700	GX	0.00	2.80
103	0.0700	GY	0.00	6.00
107	0.0700	GY	0.00	6.00
108	0.0700	GY	0.00	6.00
115	0.0700	GY	0.00	6.00
198	0.0700	GY	0.00	6.00
202	0.0700	GY	0.00	6.00
203	0.0700	GY	0.00	6.00
212	0.0700	GY	0.00	6.00
292	0.0700	GY	0.00	6.00
310	0.0700	GY	0.00	3.20
392	0.0700	GY	0.00	6.00
396	0.0700	GY	0.00	6.00
397	0.0700	GY	0.00	6.00
403	0.0700	GY	0.00	6.00
474	0.0700	GY	0.00	6.00
490	0.0700	GY	0.00	6.00
566	0.0700	GY	0.00	6.00
584	0.0700	GY	0.00	6.00
921	0.0700	GY	0.00	2.80
103	0.0700	GZ	0.00	6.00
107	0.0700	GZ	0.00	6.00
108	0.0700	GZ	0.00	6.00
115	0.0700	GZ	0.00	6.00
198	0.0700	GZ	0.00	6.00
202	0.0700	GZ	0.00	6.00
203	0.0700	GZ	0.00	6.00
212	0.0700	GZ	0.00	6.00
292	0.0700	GZ	0.00	6.00
310	0.0700	GZ	0.00	3.20
392	0.0700	GZ	0.00	6.00
396	0.0700	GZ	0.00	6.00
397	0.0700	GZ	0.00	6.00
403	0.0700	GZ	0.00	6.00
474	0.0700	GZ	0.00	6.00
490	0.0700	GZ	0.00	6.00
566	0.0700	GZ	0.00	6.00
584	0.0700	GZ	0.00	6.00
921	0.0700	GZ	0.00	2.80
77	0.1400	GX	0.00	4.30
78	0.1400	GX	0.00	4.30
79	0.1400	GX	0.00	5.28
80	0.1400	GX	0.00	5.28
104	0.1400	GX	0.00	6.00
105	0.1400	GX	0.00	6.00
106	0.1400	GX	0.00	6.00
109	0.1400	GX	0.00	6.00
110	0.1400	GX	0.00	6.00
111	0.1400	GX	0.00	6.00
112	0.1400	GX	0.00	6.00
113	0.1400	GX	0.00	6.00
114	0.1400	GX	0.00	6.00
116	0.1400	GX	0.00	0.80

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117	0.1400	GX	0.00	0.80
118	0.1400	GX	0.00	0.90
119	0.1400	GX	0.00	0.90
120	0.1400	GX	0.00	0.72
121	0.1400	GX	0.00	0.72
174	0.1400	GX	0.00	0.72
175	0.1400	GX	0.00	0.72
199	0.1400	GX	0.00	6.00
200	0.1400	GX	0.00	6.00
201	0.1400	GX	0.00	6.00
204	0.1400	GX	0.00	6.00
205	0.1400	GX	0.00	6.00
206	0.1400	GX	0.00	6.00
207	0.1400	GX	0.00	6.00
208	0.1400	GX	0.00	6.00
209	0.1400	GX	0.00	6.00
210	0.1400	GX	0.00	6.00
211	0.1400	GX	0.00	6.00
213	0.1400	GX	0.00	5.28
214	0.1400	GX	0.00	5.28
293	0.1400	GX	0.00	6.00
294	0.1400	GX	0.00	6.00
295	0.1400	GX	0.00	0.50
296	0.1400	GX	0.00	6.00
297	0.1400	GX	0.00	6.00
298	0.1400	GX	0.00	6.00
299	0.1400	GX	0.00	6.00
300	0.1400	GX	0.00	6.00
301	0.1400	GX	0.00	6.00
302	0.1400	GX	0.00	6.00
303	0.1400	GX	0.00	6.00
304	0.1400	GX	0.00	6.00
305	0.1400	GX	0.00	6.00
306	0.1400	GX	0.00	6.00
307	0.1400	GX	0.00	6.00
308	0.1400	GX	0.00	3.20
309	0.1400	GX	0.00	3.20
368	0.1400	GX	0.00	1.25
369	0.1400	GX	0.00	1.25
371	0.1400	GX	0.00	2.25
372	0.1400	GX	0.00	2.25
393	0.1400	GX	0.00	6.00
394	0.1400	GX	0.00	6.00
395	0.1400	GX	0.00	6.00
398	0.1400	GX	0.00	6.00
399	0.1400	GX	0.00	6.00
400	0.1400	GX	0.00	6.00
401	0.1400	GX	0.00	6.00
402	0.1400	GX	0.00	6.00
405	0.1400	GX	0.00	2.50
406	0.1400	GX	0.00	2.50
450	0.1400	GX	0.00	1.75
451	0.1400	GX	0.00	1.75
453	0.1400	GX	0.00	2.00
454	0.1400	GX	0.00	2.00
475	0.1400	GX	0.00	6.00

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476	0.1400	GX	0.00	6.00
477	0.1400	GX	0.00	6.00
478	0.1400	GX	0.00	6.00
479	0.1400	GX	0.00	6.00
480	0.1400	GX	0.00	6.00
481	0.1400	GX	0.00	6.00
482	0.1400	GX	0.00	6.00
483	0.1400	GX	0.00	6.00
484	0.1400	GX	0.00	6.00
485	0.1400	GX	0.00	6.00
486	0.1400	GX	0.00	6.00
487	0.1400	GX	0.00	6.00
488	0.1400	GX	0.00	6.00
489	0.1400	GX	0.00	6.00
492	0.1400	GX	0.00	2.25
493	0.1400	GX	0.00	2.25
567	0.1400	GX	0.00	6.00
568	0.1400	GX	0.00	6.00
569	0.1400	GX	0.00	6.00
570	0.1400	GX	0.00	6.00
571	0.1400	GX	0.00	6.00
572	0.1400	GX	0.00	6.00
573	0.1400	GX	0.00	6.00
574	0.1400	GX	0.00	6.00
575	0.1400	GX	0.00	6.00
576	0.1400	GX	0.00	6.00
577	0.1400	GX	0.00	6.00
578	0.1400	GX	0.00	6.00
579	0.1400	GX	0.00	6.00
580	0.1400	GX	0.00	6.00
581	0.1400	GX	0.00	6.00
582	0.1400	GX	0.00	6.00
583	0.1400	GX	0.00	6.00
884	0.1400	GX	0.00	5.00
885	0.1400	GX	0.00	0.50
934	0.1400	GX	0.00	2.80
936	0.1400	GX	0.00	2.80
77	0.1400	GY	0.00	4.30
78	0.1400	GY	0.00	4.30
79	0.1400	GY	0.00	5.28
80	0.1400	GY	0.00	5.28
104	0.1400	GY	0.00	6.00
105	0.1400	GY	0.00	6.00
106	0.1400	GY	0.00	6.00
109	0.1400	GY	0.00	6.00
110	0.1400	GY	0.00	6.00
111	0.1400	GY	0.00	6.00
112	0.1400	GY	0.00	6.00
113	0.1400	GY	0.00	6.00
114	0.1400	GY	0.00	6.00
116	0.1400	GY	0.00	0.80
117	0.1400	GY	0.00	0.80
118	0.1400	GY	0.00	0.90
119	0.1400	GY	0.00	0.90
120	0.1400	GY	0.00	0.72
121	0.1400	GY	0.00	0.72

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174	0.1400	GY	0.00	0.72
175	0.1400	GY	0.00	0.72
199	0.1400	GY	0.00	6.00
200	0.1400	GY	0.00	6.00
201	0.1400	GY	0.00	6.00
204	0.1400	GY	0.00	6.00
205	0.1400	GY	0.00	6.00
206	0.1400	GY	0.00	6.00
207	0.1400	GY	0.00	6.00
208	0.1400	GY	0.00	6.00
209	0.1400	GY	0.00	6.00
210	0.1400	GY	0.00	6.00
211	0.1400	GY	0.00	6.00
213	0.1400	GY	0.00	5.28
214	0.1400	GY	0.00	5.28
293	0.1400	GY	0.00	6.00
294	0.1400	GY	0.00	6.00
295	0.1400	GY	0.00	0.50
296	0.1400	GY	0.00	6.00
297	0.1400	GY	0.00	6.00
298	0.1400	GY	0.00	6.00
299	0.1400	GY	0.00	6.00
300	0.1400	GY	0.00	6.00
301	0.1400	GY	0.00	6.00
302	0.1400	GY	0.00	6.00
303	0.1400	GY	0.00	6.00
304	0.1400	GY	0.00	6.00
305	0.1400	GY	0.00	6.00
306	0.1400	GY	0.00	6.00
307	0.1400	GY	0.00	6.00
308	0.1400	GY	0.00	3.20
309	0.1400	GY	0.00	3.20
368	0.1400	GY	0.00	1.25
369	0.1400	GY	0.00	1.25
371	0.1400	GY	0.00	2.25
372	0.1400	GY	0.00	2.25
393	0.1400	GY	0.00	6.00
394	0.1400	GY	0.00	6.00
395	0.1400	GY	0.00	6.00
398	0.1400	GY	0.00	6.00
399	0.1400	GY	0.00	6.00
400	0.1400	GY	0.00	6.00
401	0.1400	GY	0.00	6.00
402	0.1400	GY	0.00	6.00
405	0.1400	GY	0.00	2.50
406	0.1400	GY	0.00	2.50
450	0.1400	GY	0.00	1.75
451	0.1400	GY	0.00	1.75
453	0.1400	GY	0.00	2.00
454	0.1400	GY	0.00	2.00
475	0.1400	GY	0.00	6.00
476	0.1400	GY	0.00	6.00
477	0.1400	GY	0.00	6.00
478	0.1400	GY	0.00	6.00
479	0.1400	GY	0.00	6.00
480	0.1400	GY	0.00	6.00

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481	0.1400	GY	0.00	6.00
482	0.1400	GY	0.00	6.00
483	0.1400	GY	0.00	6.00
484	0.1400	GY	0.00	6.00
485	0.1400	GY	0.00	6.00
486	0.1400	GY	0.00	6.00
487	0.1400	GY	0.00	6.00
488	0.1400	GY	0.00	6.00
489	0.1400	GY	0.00	6.00
492	0.1400	GY	0.00	2.25
493	0.1400	GY	0.00	2.25
567	0.1400	GY	0.00	6.00
568	0.1400	GY	0.00	6.00
569	0.1400	GY	0.00	6.00
570	0.1400	GY	0.00	6.00
571	0.1400	GY	0.00	6.00
572	0.1400	GY	0.00	6.00
573	0.1400	GY	0.00	6.00
574	0.1400	GY	0.00	6.00
575	0.1400	GY	0.00	6.00
576	0.1400	GY	0.00	6.00
577	0.1400	GY	0.00	6.00
578	0.1400	GY	0.00	6.00
579	0.1400	GY	0.00	6.00
580	0.1400	GY	0.00	6.00
581	0.1400	GY	0.00	6.00
582	0.1400	GY	0.00	6.00
583	0.1400	GY	0.00	6.00
884	0.1400	GY	0.00	5.00
885	0.1400	GY	0.00	0.50
934	0.1400	GY	0.00	2.80
936	0.1400	GY	0.00	2.80
77	0.1400	GZ	0.00	4.30
78	0.1400	GZ	0.00	4.30
79	0.1400	GZ	0.00	5.28
80	0.1400	GZ	0.00	5.28
104	0.1400	GZ	0.00	6.00
105	0.1400	GZ	0.00	6.00
106	0.1400	GZ	0.00	6.00
109	0.1400	GZ	0.00	6.00
110	0.1400	GZ	0.00	6.00
111	0.1400	GZ	0.00	6.00
112	0.1400	GZ	0.00	6.00
113	0.1400	GZ	0.00	6.00
114	0.1400	GZ	0.00	6.00
116	0.1400	GZ	0.00	0.80
117	0.1400	GZ	0.00	0.80
118	0.1400	GZ	0.00	0.90
119	0.1400	GZ	0.00	0.90
120	0.1400	GZ	0.00	0.72
121	0.1400	GZ	0.00	0.72
174	0.1400	GZ	0.00	0.72
175	0.1400	GZ	0.00	0.72
199	0.1400	GZ	0.00	6.00
200	0.1400	GZ	0.00	6.00
201	0.1400	GZ	0.00	6.00

STAAD SPACE

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204	0.1400	GZ	0.00	6.00
205	0.1400	GZ	0.00	6.00
206	0.1400	GZ	0.00	6.00
207	0.1400	GZ	0.00	6.00
208	0.1400	GZ	0.00	6.00
209	0.1400	GZ	0.00	6.00
210	0.1400	GZ	0.00	6.00
211	0.1400	GZ	0.00	6.00
213	0.1400	GZ	0.00	5.28
214	0.1400	GZ	0.00	5.28
293	0.1400	GZ	0.00	6.00
294	0.1400	GZ	0.00	6.00
295	0.1400	GZ	0.00	0.50
296	0.1400	GZ	0.00	6.00
297	0.1400	GZ	0.00	6.00
298	0.1400	GZ	0.00	6.00
299	0.1400	GZ	0.00	6.00
300	0.1400	GZ	0.00	6.00
301	0.1400	GZ	0.00	6.00
302	0.1400	GZ	0.00	6.00
303	0.1400	GZ	0.00	6.00
304	0.1400	GZ	0.00	6.00
305	0.1400	GZ	0.00	6.00
306	0.1400	GZ	0.00	6.00
307	0.1400	GZ	0.00	6.00
308	0.1400	GZ	0.00	3.20
309	0.1400	GZ	0.00	3.20
368	0.1400	GZ	0.00	1.25
369	0.1400	GZ	0.00	1.25
371	0.1400	GZ	0.00	2.25
372	0.1400	GZ	0.00	2.25
393	0.1400	GZ	0.00	6.00
394	0.1400	GZ	0.00	6.00
395	0.1400	GZ	0.00	6.00
398	0.1400	GZ	0.00	6.00
399	0.1400	GZ	0.00	6.00
400	0.1400	GZ	0.00	6.00
401	0.1400	GZ	0.00	6.00
402	0.1400	GZ	0.00	6.00
405	0.1400	GZ	0.00	2.50
406	0.1400	GZ	0.00	2.50
450	0.1400	GZ	0.00	1.75
451	0.1400	GZ	0.00	1.75
453	0.1400	GZ	0.00	2.00
454	0.1400	GZ	0.00	2.00
475	0.1400	GZ	0.00	6.00
476	0.1400	GZ	0.00	6.00
477	0.1400	GZ	0.00	6.00
478	0.1400	GZ	0.00	6.00
479	0.1400	GZ	0.00	6.00
480	0.1400	GZ	0.00	6.00
481	0.1400	GZ	0.00	6.00
482	0.1400	GZ	0.00	6.00
483	0.1400	GZ	0.00	6.00
484	0.1400	GZ	0.00	6.00
485	0.1400	GZ	0.00	6.00

STAAD SPACE

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486	0.1400	GZ	0.00	6.00
487	0.1400	GZ	0.00	6.00
488	0.1400	GZ	0.00	6.00
489	0.1400	GZ	0.00	6.00
492	0.1400	GZ	0.00	2.25
493	0.1400	GZ	0.00	2.25
567	0.1400	GZ	0.00	6.00
568	0.1400	GZ	0.00	6.00
569	0.1400	GZ	0.00	6.00
570	0.1400	GZ	0.00	6.00
571	0.1400	GZ	0.00	6.00
572	0.1400	GZ	0.00	6.00
573	0.1400	GZ	0.00	6.00
574	0.1400	GZ	0.00	6.00
575	0.1400	GZ	0.00	6.00
576	0.1400	GZ	0.00	6.00
577	0.1400	GZ	0.00	6.00
578	0.1400	GZ	0.00	6.00
579	0.1400	GZ	0.00	6.00
580	0.1400	GZ	0.00	6.00
581	0.1400	GZ	0.00	6.00
582	0.1400	GZ	0.00	6.00
583	0.1400	GZ	0.00	6.00
884	0.1400	GZ	0.00	5.00
885	0.1400	GZ	0.00	0.50
934	0.1400	GZ	0.00	2.80
936	0.1400	GZ	0.00	2.80

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
120	0.1200	GX	0.00	0.72			
121	0.1200	GX	0.00	0.72			
163	0.1200	GX	0.00	2.00			
174	0.1200	GX	0.00	0.72			
175	0.1200	GX	0.00	0.72			
120	0.1200	GY	0.00	0.72			
121	0.1200	GY	0.00	0.72			
163	0.1200	GY	0.00	2.00			
174	0.1200	GY	0.00	0.72			
175	0.1200	GY	0.00	0.72			
120	0.1200	GZ	0.00	0.72			
121	0.1200	GZ	0.00	0.72			
163	0.1200	GZ	0.00	2.00			
174	0.1200	GZ	0.00	0.72			
175	0.1200	GZ	0.00	0.72			
116	0.2360	GX	0.00	0.80			
117	0.2360	GX	0.00	0.80			
116	0.2360	GY	0.00	0.80			
117	0.2360	GY	0.00	0.80			
116	0.2360	GZ	0.00	0.80			
117	0.2360	GZ	0.00	0.80			

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
371	1.1440 GX	0.00	2.25				
372	1.1440 GX	0.00	2.25				
450	1.1440 GX	0.00	1.75				
451	1.1440 GX	0.00	1.75				
492	1.1440 GX	0.00	2.25				
493	1.1440 GX	0.00	2.25				
371	1.1440 GY	0.00	2.25				
372	1.1440 GY	0.00	2.25				
450	1.1440 GY	0.00	1.75				
451	1.1440 GY	0.00	1.75				
492	1.1440 GY	0.00	2.25				
493	1.1440 GY	0.00	2.25				
371	1.1440 GZ	0.00	2.25				
372	1.1440 GZ	0.00	2.25				
450	1.1440 GZ	0.00	1.75				
451	1.1440 GZ	0.00	1.75				
492	1.1440 GZ	0.00	2.25				
493	1.1440 GZ	0.00	2.25				
370	1.8300 GX	0.00	2.00				
404	1.8300 GX	0.00	2.00				
434	1.8300 GX	0.00	2.00				
452	1.8300 GX	0.00	2.00				
491	1.8300 GX	0.00	2.00				
527	1.8300 GX	0.00	2.00				
370	1.8300 GY	0.00	2.00				
404	1.8300 GY	0.00	2.00				
434	1.8300 GY	0.00	2.00				
452	1.8300 GY	0.00	2.00				
491	1.8300 GY	0.00	2.00				
527	1.8300 GY	0.00	2.00				
370	1.8300 GZ	0.00	2.00				
404	1.8300 GZ	0.00	2.00				
434	1.8300 GZ	0.00	2.00				
452	1.8300 GZ	0.00	2.00				
491	1.8300 GZ	0.00	2.00				
527	1.8300 GZ	0.00	2.00				
866	1.8000 GX	0.00	2.00				
867	1.8000 GX	0.00	2.00				
891	1.8000 GX	0.00	2.00				
866	1.8000 GY	0.00	2.00				
867	1.8000 GY	0.00	2.00				
891	1.8000 GY	0.00	2.00				
866	1.8000 GZ	0.00	2.00				
867	1.8000 GZ	0.00	2.00				
891	1.8000 GZ	0.00	2.00				
866				0.7500 GX	1.00		
867				0.7500 GX	1.00		
866				0.7500 GY	1.00		
867				0.7500 GY	1.00		
866				0.7500 GZ	1.00		

STAAD SPACE

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867 0.7500 GZ 1.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
24	0.1000 GX	0.00	2.00				
45	0.1000 GX	0.00	2.00				
46	0.1000 GX	0.00	2.00				
47	0.1000 GX	0.00	2.00				
48	0.1000 GX	0.00	2.00				
49	0.1000 GX	0.00	2.00				
50	0.1000 GX	0.00	2.00				
51	0.1000 GX	0.00	2.00				
52	0.1000 GX	0.00	2.00				
53	0.1000 GX	0.00	2.00				
81	0.1000 GX	0.00	6.00				
102	0.1000 GX	0.00	6.00				
176	0.1000 GX	0.00	6.00				
197	0.1000 GX	0.00	6.00				
270	0.1000 GX	0.00	6.00				
291	0.1000 GX	0.00	3.20				
322	0.1000 GX	0.00	2.00				
323	0.1000 GX	0.00	2.00				
324	0.1000 GX	0.00	2.00				
373	0.1000 GX	0.00	2.00				
391	0.1000 GX	0.00	2.00				
455	0.1000 GX	0.00	2.00				
473	0.1000 GX	0.00	0.70				
547	0.1000 GX	0.00	2.00				
565	0.1000 GX	0.00	2.00				
733	0.1000 GX	0.00	2.00				
734	0.1000 GX	0.00	1.00				
735	0.1000 GX	0.00	2.00				
736	0.1000 GX	0.00	2.00				
784	0.1000 GX	0.00	2.00				
785	0.1000 GX	0.00	2.00				
786	0.1000 GX	0.00	2.00				
787	0.1000 GX	0.00	2.00				
797	0.1000 GX	0.00	6.00				
798	0.1000 GX	0.00	6.00				
799	0.1000 GX	0.00	6.00				
800	0.1000 GX	0.00	6.00				
801	0.1000 GX	0.00	6.00				
803	0.1000 GX	0.00	2.00				
804	0.1000 GX	0.00	2.00				
813	0.1000 GX	0.00	2.00				
814	0.1000 GX	0.00	1.30				
823	0.1000 GX	0.00	6.00				
833	0.1000 GX	0.00	6.00				
834	0.1000 GX	0.00	6.00				
835	0.1000 GX	0.00	6.00				
842	0.1000 GX	0.00	2.00				
843	0.1000 GX	0.00	2.00				
854	0.1000 GX	0.00	2.00				

STAAD SPACE

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856	0.1000	GX	0.00	1.00
880	0.1000	GX	0.00	1.30
881	0.1000	GX	0.00	0.70
909	0.1000	GX	0.00	2.80
939	0.1000	GX	0.00	2.00
24	0.1000	GY	0.00	2.00
45	0.1000	GY	0.00	2.00
46	0.1000	GY	0.00	2.00
47	0.1000	GY	0.00	2.00
48	0.1000	GY	0.00	2.00
49	0.1000	GY	0.00	2.00
50	0.1000	GY	0.00	2.00
51	0.1000	GY	0.00	2.00
52	0.1000	GY	0.00	2.00
53	0.1000	GY	0.00	2.00
81	0.1000	GY	0.00	6.00
102	0.1000	GY	0.00	6.00
176	0.1000	GY	0.00	6.00
197	0.1000	GY	0.00	6.00
270	0.1000	GY	0.00	6.00
291	0.1000	GY	0.00	3.20
322	0.1000	GY	0.00	2.00
323	0.1000	GY	0.00	2.00
324	0.1000	GY	0.00	2.00
373	0.1000	GY	0.00	2.00
391	0.1000	GY	0.00	2.00
455	0.1000	GY	0.00	2.00
473	0.1000	GY	0.00	0.70
547	0.1000	GY	0.00	2.00
565	0.1000	GY	0.00	2.00
733	0.1000	GY	0.00	2.00
734	0.1000	GY	0.00	1.00
735	0.1000	GY	0.00	2.00
736	0.1000	GY	0.00	2.00
784	0.1000	GY	0.00	2.00
785	0.1000	GY	0.00	2.00
786	0.1000	GY	0.00	2.00
787	0.1000	GY	0.00	2.00
797	0.1000	GY	0.00	6.00
798	0.1000	GY	0.00	6.00
799	0.1000	GY	0.00	6.00
800	0.1000	GY	0.00	6.00
801	0.1000	GY	0.00	6.00
803	0.1000	GY	0.00	2.00
804	0.1000	GY	0.00	2.00
813	0.1000	GY	0.00	2.00
814	0.1000	GY	0.00	1.30
823	0.1000	GY	0.00	6.00
833	0.1000	GY	0.00	6.00
834	0.1000	GY	0.00	6.00
835	0.1000	GY	0.00	6.00
842	0.1000	GY	0.00	2.00
843	0.1000	GY	0.00	2.00
854	0.1000	GY	0.00	2.00
856	0.1000	GY	0.00	1.00
880	0.1000	GY	0.00	1.30

STAAD SPACE

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881	0.1000	GY	0.00	0.70
909	0.1000	GY	0.00	2.80
939	0.1000	GY	0.00	2.00
24	0.1000	GZ	0.00	2.00
45	0.1000	GZ	0.00	2.00
46	0.1000	GZ	0.00	2.00
47	0.1000	GZ	0.00	2.00
48	0.1000	GZ	0.00	2.00
49	0.1000	GZ	0.00	2.00
50	0.1000	GZ	0.00	2.00
51	0.1000	GZ	0.00	2.00
52	0.1000	GZ	0.00	2.00
53	0.1000	GZ	0.00	2.00
81	0.1000	GZ	0.00	6.00
102	0.1000	GZ	0.00	6.00
176	0.1000	GZ	0.00	6.00
197	0.1000	GZ	0.00	6.00
270	0.1000	GZ	0.00	6.00
291	0.1000	GZ	0.00	3.20
322	0.1000	GZ	0.00	2.00
323	0.1000	GZ	0.00	2.00
324	0.1000	GZ	0.00	2.00
373	0.1000	GZ	0.00	2.00
391	0.1000	GZ	0.00	2.00
455	0.1000	GZ	0.00	2.00
473	0.1000	GZ	0.00	0.70
547	0.1000	GZ	0.00	2.00
565	0.1000	GZ	0.00	2.00
733	0.1000	GZ	0.00	2.00
734	0.1000	GZ	0.00	1.00
735	0.1000	GZ	0.00	2.00
736	0.1000	GZ	0.00	2.00
784	0.1000	GZ	0.00	2.00
785	0.1000	GZ	0.00	2.00
786	0.1000	GZ	0.00	2.00
787	0.1000	GZ	0.00	2.00
797	0.1000	GZ	0.00	6.00
798	0.1000	GZ	0.00	6.00
799	0.1000	GZ	0.00	6.00
800	0.1000	GZ	0.00	6.00
801	0.1000	GZ	0.00	6.00
803	0.1000	GZ	0.00	2.00
804	0.1000	GZ	0.00	2.00
813	0.1000	GZ	0.00	2.00
814	0.1000	GZ	0.00	1.30
823	0.1000	GZ	0.00	6.00
833	0.1000	GZ	0.00	6.00
834	0.1000	GZ	0.00	6.00
835	0.1000	GZ	0.00	6.00
842	0.1000	GZ	0.00	2.00
843	0.1000	GZ	0.00	2.00
854	0.1000	GZ	0.00	2.00
856	0.1000	GZ	0.00	1.00
880	0.1000	GZ	0.00	1.30
881	0.1000	GZ	0.00	0.70
909	0.1000	GZ	0.00	2.80

STAAD SPACE

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939 0.1000 GZ 0.00 2.00

SELFWEIGHT X 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 245.255 MTON

SELFWEIGHT Y 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 245.255 MTON

SELFWEIGHT Z 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 245.255 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
893	0.5985 GX	0.00	2.00				
895	0.5985 GX	0.00	2.00				
898	0.5985 GX	0.00	2.00				
901	0.5985 GX	0.00	2.00				
904	0.5985 GX	0.00	2.00				
907	0.5985 GX	0.00	2.00				
893	0.5985 GY	0.00	2.00				
895	0.5985 GY	0.00	2.00				
898	0.5985 GY	0.00	2.00				
901	0.5985 GY	0.00	2.00				
904	0.5985 GY	0.00	2.00				
907	0.5985 GY	0.00	2.00				
893	0.5985 GZ	0.00	2.00				
895	0.5985 GZ	0.00	2.00				
898	0.5985 GZ	0.00	2.00				
901	0.5985 GZ	0.00	2.00				
904	0.5985 GZ	0.00	2.00				
907	0.5985 GZ	0.00	2.00				
893	0.2700 GX	0.00	2.00				
895	0.2700 GX	0.00	2.00				
898	0.2700 GX	0.00	2.00				
901	0.2700 GX	0.00	2.00				
904	0.2700 GX	0.00	2.00				
907	0.2700 GX	0.00	2.00				
893	0.2700 GY	0.00	2.00				
895	0.2700 GY	0.00	2.00				
898	0.2700 GY	0.00	2.00				
901	0.2700 GY	0.00	2.00				
904	0.2700 GY	0.00	2.00				
907	0.2700 GY	0.00	2.00				
893	0.2700 GZ	0.00	2.00				
895	0.2700 GZ	0.00	2.00				
898	0.2700 GZ	0.00	2.00				
901	0.2700 GZ	0.00	2.00				
904	0.2700 GZ	0.00	2.00				
907	0.2700 GZ	0.00	2.00				
925				0.3730 GX	1.50		

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928	0.3730 GX	1.50
929	0.3730 GX	1.40
925	0.3730 GY	1.50
928	0.3730 GY	1.50
929	0.3730 GY	1.40
925	0.3730 GZ	1.50
928	0.3730 GZ	1.50
929	0.3730 GZ	1.40
925	0.4600 GX	1.50
928	0.4600 GX	1.50
929	0.4600 GX	1.40
925	0.4600 GY	1.50
928	0.4600 GY	1.50
929	0.4600 GY	1.40
925	0.4600 GZ	1.50
928	0.4600 GZ	1.50
929	0.4600 GZ	1.40

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	0.5380
0.1000	0.5380
0.2000	0.5380
0.3000	0.5380
0.4000	0.5380
0.5000	0.5380
0.6000	0.5380
0.7000	0.5380
0.8000	0.5380
0.9000	0.5380
1.0000	0.5380
1.1000	0.5380
1.2000	0.5380
1.3000	0.5100
1.4000	0.4860
1.5000	0.4640
1.6000	0.4450
1.7000	0.4270
1.8000	0.4110
1.9000	0.3970
2.0000	0.3840
2.1000	0.3720
2.2000	0.3600
2.3000	0.3500
2.4000	0.3400
2.5000	0.3310
2.6000	0.3230

STAAD SPACE

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2.7000	0.3150
2.8000	0.3070
2.9000	0.3000
3.0000	0.2940
3.1000	0.2870
3.2000	0.2810
3.3000	0.2760
3.4000	0.2700
3.5000	0.2650
3.6000	0.2600
3.7000	0.2560
3.8000	0.2510
3.9000	0.2470
4.0000	0.2430
4.1000	0.2390
4.2000	0.2350
4.3000	0.2310
4.4000	0.2280
4.5000	0.2250
4.6000	0.2210
4.7000	0.2180
4.8000	0.2150
4.9000	0.2120
5.0000	0.2100

***NOTE: MASSES DEFINED UNDER LOAD# 6 WILL FORM
THE FINAL MASS MATRIX FOR DYNAMIC ANALYSIS.

LOADING 7 LOADTYPE NONE TITLE SZ

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

DIRECTIONAL VALUES:

SCALE FACTOR = 10.75

X = 0.00 Y = 0.00 Z = 1.00

DAMPING FACTOR = 0.050

PERIOD VS. ACCELERATION

0.0010	0.5380
0.1000	0.5380
0.2000	0.5380
0.3000	0.5380
0.4000	0.5380
0.5000	0.5380
0.6000	0.5380
0.7000	0.5380
0.8000	0.5380
0.9000	0.5380
1.0000	0.5380
1.1000	0.5380

STAAD SPACE

-- PAGE NO. 66

1.2000	0.5380
1.3000	0.5100
1.4000	0.4860
1.5000	0.4640
1.6000	0.4450
1.7000	0.4270
1.8000	0.4110
1.9000	0.3970
2.0000	0.3840
2.1000	0.3720
2.2000	0.3600
2.3000	0.3500
2.4000	0.3400
2.5000	0.3310
2.6000	0.3230
2.7000	0.3150
2.8000	0.3070
2.9000	0.3000
3.0000	0.2940
3.1000	0.2870
3.2000	0.2810
3.3000	0.2760
3.4000	0.2700
3.5000	0.2650
3.6000	0.2600
3.7000	0.2560
3.8000	0.2510
3.9000	0.2470
4.0000	0.2430
4.1000	0.2390
4.2000	0.2350
4.3000	0.2310
4.4000	0.2280
4.5000	0.2250
4.6000	0.2210
4.7000	0.2180
4.8000	0.2150
4.9000	0.2120
5.0000	0.2100

***WARNING - INSTABILITY AT JOINT 446 DIRECTION = MZ

PROBABLE CAUSE SINGULAR-ADDING WEAK SPRING

K-MATRIX DIAG= 7.9394014E+02 L-MATRIX DIAG= 0.0000000E+00 EQN NO 618

***NOTE - VERY WEAK SPRING ADDED FOR STABILITY

***NOTE** STAAD DETECTS INSTABILITIES AS EXCESSIVE LOSS OF SIGNIFICANT DIGITS 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.

***WARNING - INSTABILITY AT JOINT 443 DIRECTION = MZ
PROBABLE CAUSE SINGULAR-ADDING WEAK SPRING
K-MATRIX DIAG= 1.2606220E+03 L-MATRIX DIAG= -2.2737368E-13 EQN NO 675
***NOTE - VERY WEAK SPRING ADDED FOR STABILITY

***WARNING - INSTABILITY AT JOINT 445 DIRECTION = MZ
PROBABLE CAUSE SINGULAR-ADDING WEAK SPRING
K-MATRIX DIAG= 1.2606220E+03 L-MATRIX DIAG= -2.2737368E-13 EQN NO 729
***NOTE - VERY WEAK SPRING ADDED FOR STABILITY

EIGEN METHOD : SUBSPACE

NUMBER OF MODES REQUESTED = 6
NUMBER OF EXISTING MASSES IN THE MODEL = 598
NUMBER OF MODES THAT WILL BE USED = 6

CALCULATED FREQUENCIES FOR LOAD CASE 6

MODE	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	ACCURACY
1	2.439	0.41009	2.010E-14
2	2.767	0.36146	5.679E-11
3	3.046	0.32833	2.601E-10
4	3.293	0.30372	1.341E-08
5	3.315	0.30168	6.328E-10
6	3.852	0.25957	1.335E-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 6

MODE	FREQUENCY(CYCLES/SEC)	PERIOD(SEC)	ACCURACY
7	3.893	0.25687	4.550E-09
8	3.976	0.25151	4.039E-06
9	4.096	0.24413	1.157E-05
10	4.151	0.24090	5.427E-05
11	4.253	0.23511	8.510E-06
12	4.266	0.23440	8.363E-06
13	4.502	0.22211	3.246E-06

RESPONSE LOAD CASE 6

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	1.488305E+03	3.930525E-04	1.374662E+00	7.779972E+02
2	4.295817E+00	3.576657E-01	1.486288E+03	6.804337E+02
3	2.535657E+01	3.804119E-02	3.948387E+01	3.714495E+02
4	2.601010E-01	2.443530E+02	2.520060E-01	8.960413E+01
5	2.444457E-04	5.920262E+01	2.591990E+00	2.212240E+01
6	1.104649E-01	6.365850E+00	1.032180E-02	1.612961E+01

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 1.671805E+03 1.671805E+03 1.671805E+03 MTON
 MISSING WEIGHT X Y Z -1.534769E+02 -1.361487E+03 -1.418045E+02 MTON
 MODAL WEIGHT X Y Z 1.518328E+03 3.103176E+02 1.530000E+03 MTON

MODE	ACCELERATION-G	DAMPING
1	0.53818	0.05000
2	0.53818	0.05000
3	0.53818	0.05000

MODE	ACCELERATION-G	DAMPING
4	0.53818	0.05000
5	0.53818	0.05000
6	0.53818	0.05000

MODAL BASE ACTIONS FORCES IN MTON LENGTH IN METE

MODE	PERIOD	MOMENTS ARE ABOUT THE ORIGIN					
		FX	FY	FZ	MX	MY	MZ
1	0.410	800.98	-0.41	-24.34	-119.52	19002.10	-4751.15
2	0.361	2.31	0.67	43.00	234.21	-1043.59	5.52
3	0.328	13.65	0.53	-17.03	-134.41	280.96	-27.64
4	0.304	0.14	4.29	-0.14	-139.07	9.31	138.26
5	0.302	0.00	-0.06	0.01	0.38	-0.32	-1.93
6	0.260	0.06	-0.45	0.02	7.47	1.27	-14.24

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	89.02	0.00	0.08	89.024	0.000	0.082	800.98	0.00	0.00	
2	0.26	0.02	88.90	89.281	0.021	88.985	2.31	0.00	0.00	
3	1.52	0.00	2.36	90.797	0.024	91.347	13.65	0.00	0.00	
4	0.02	14.62	0.02	90.813	14.640	91.362	0.14	0.00	0.00	
5	0.00	3.54	0.16	90.813	18.181	91.517	0.00	0.00	0.00	
6	0.01	0.38	0.00	90.820	18.562	91.518	0.06	0.00	0.00	

							TOTAL SRSS SHEAR	801.10	0.00	0.00
							TOTAL 10PCT SHEAR	801.10	0.00	0.00
							TOTAL ABS SHEAR	817.14	0.00	0.00

RESPONSE LOAD CASE 7

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	1.488305E+03	3.930525E-04	1.374662E+00	7.779972E+02
2	4.295817E+00	3.576657E-01	1.486288E+03	6.804337E+02
3	2.535657E+01	3.804119E-02	3.948387E+01	3.714495E+02
4	2.601010E-01	2.443530E+02	2.520060E-01	8.960413E+01
5	2.444457E-04	5.920262E+01	2.591990E+00	2.212240E+01
6	1.104649E-01	6.365850E+00	1.032180E-02	1.612961E+01

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 1.671805E+03 1.671805E+03 1.671805E+03 MTON
 MISSING WEIGHT X Y Z -1.534769E+02 -1.361487E+03 -1.418045E+02 MTON
 MODAL WEIGHT X Y Z 1.518328E+03 3.103176E+02 1.530000E+03 MTON

MODE	ACCELERATION-G	DAMPING
1	0.58975	0.05000
2	0.58975	0.05000
3	0.58975	0.05000
4	0.58975	0.05000
5	0.58975	0.05000
6	0.58975	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	0.410	-26.68	0.01	0.81	3.98	-632.84	158.23
2	0.361	47.12	13.60	876.54	4774.00	-21271.45	112.54
3	0.328	-18.66	-0.72	23.29	183.80	-384.19	37.80
4	0.304	-0.15	-4.63	0.15	150.01	-10.04	-149.13
5	0.302	0.01	-7.31	1.53	42.89	-36.01	-217.94
6	0.260	0.02	-0.15	0.01	2.50	0.42	-4.77

MASS PARTICIPATION FACTORS IN PERCENT							BASE SHEAR IN MTON		
MODE	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	89.02	0.00	0.08	89.024	0.000	0.082	0.00	0.00	0.81
2	0.26	0.02	88.90	89.281	0.021	88.985	0.00	0.00	876.54
3	1.52	0.00	2.36	90.797	0.024	91.347	0.00	0.00	23.29
4	0.02	14.62	0.02	90.813	14.640	91.362	0.00	0.00	0.15
5	0.00	3.54	0.16	90.813	18.181	91.517	0.00	0.00	1.53
6	0.01	0.38	0.00	90.820	18.562	91.518	0.00	0.00	0.01
-----							-----		
TOTAL SRSS SHEAR							0.00	0.00	876.85
TOTAL 10PCT SHEAR							0.00	0.00	876.90
TOTAL ABS SHEAR							0.00	0.00	902.32

FOR LOADING - 1
 APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	-1.68178E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
5	0.00000E+00	-1.80812E-01	0.00000E+00	1.05288E-03	0.00000E+00	0.00000E+00
6	0.00000E+00	-8.57700E-01	0.00000E+00	2.49995E-01	0.00000E+00	-2.96490E-02
9	0.00000E+00	-1.07400E+00	0.00000E+00	4.39501E-08	0.00000E+00	-2.96490E-02
12	0.00000E+00	-1.07400E+00	0.00000E+00	-8.79001E-08	0.00000E+00	-2.96490E-02
15	0.00000E+00	-8.07162E-01	0.00000E+00	-2.66841E-01	0.00000E+00	-2.96490E-02
16	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	-8.07162E-01	0.00000E+00	2.96490E-02	0.00000E+00	-2.66841E-01
25	0.00000E+00	-3.99350E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	-4.81122E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-1.47534E+00	0.00000E+00	1.29714E-02	0.00000E+00	-2.37192E-01
28	0.00000E+00	-4.07337E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
29	0.00000E+00	-4.07336E-01	0.00000E+00	-3.02157E-08	0.00000E+00	0.00000E+00
30	0.00000E+00	-1.04378E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-4.07336E-01	0.00000E+00	3.02157E-08	0.00000E+00	0.00000E+00
32	0.00000E+00	-4.07337E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-1.23074E+00	0.00000E+00	-1.29714E-02	0.00000E+00	2.77959E-02
34	0.00000E+00	-3.29508E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
35	0.00000E+00	-3.29508E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.43643E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.37192E-01
37	0.00000E+00	-3.29508E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
38	0.00000E+00	-3.29508E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
39	0.00000E+00	-1.10288E+00	0.00000E+00	-9.06470E-08	0.00000E+00	-1.85306E-03
40	0.00000E+00	-3.29508E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-3.29508E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
42	0.00000E+00	-1.34748E+00	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
43	0.00000E+00	-3.29508E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
44	0.00000E+00	-3.29508E-01	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
45	0.00000E+00	-1.57052E+00	0.00000E+00	-2.96489E-02	0.00000E+00	-3.83584E-01
46	0.00000E+00	-9.23905E-01	0.00000E+00	2.96490E-02	0.00000E+00	-3.83584E-01
47	0.00000E+00	-2.94485E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
48	0.00000E+00	-2.94485E-01	0.00000E+00	-1.92282E-08	0.00000E+00	0.00000E+00
49	0.00000E+00	-8.96109E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.66841E-01
50	0.00000E+00	-2.55088E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
51	0.00000E+00	-2.55088E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-1.07400E+00	0.00000E+00	2.37192E-01	0.00000E+00	-2.66841E-01
53	0.00000E+00	-1.07400E+00	0.00000E+00	-2.37192E-01	0.00000E+00	-2.66841E-01
54	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
55	0.00000E+00	-2.94485E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
56	0.00000E+00	-8.96109E-01	0.00000E+00	-9.06470E-08	0.00000E+00	-2.66841E-01
57	0.00000E+00	-2.40947E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-2.40947E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
59	0.00000E+00	-8.96109E-01	0.00000E+00	-9.06470E-08	0.00000E+00	-2.66841E-01
60	0.00000E+00	-2.94485E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
61	0.00000E+00	-2.94485E-01	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
62	0.00000E+00	-1.02153E+00	0.00000E+00	-2.96489E-02	0.00000E+00	-3.83584E-01
63	0.00000E+00	-1.19606E-01	0.00000E+00	0.00000E+00	0.00000E+00	8.60925E-02
64	0.00000E+00	-1.19606E-01	0.00000E+00	0.00000E+00	0.00000E+00	8.60925E-02
65	0.00000E+00	-3.60929E-02	0.00000E+00	0.00000E+00	0.00000E+00	-6.80089E-04
66	0.00000E+00	-3.60929E-02	0.00000E+00	0.00000E+00	0.00000E+00	-6.80089E-04
67	0.00000E+00	-1.44020E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.31970E-01
68	0.00000E+00	-1.44020E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.31970E-01
69	0.00000E+00	-2.25687E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
70	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
72	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
73	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
74	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	-8.48316E-01	0.00000E+00	2.96490E-02	0.00000E+00	-4.39501E-08
78	0.00000E+00	-4.81122E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	-4.81122E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
80	0.00000E+00	-1.65324E+00	0.00000E+00	1.29714E-02	0.00000E+00	-4.39501E-08
81	0.00000E+00	-5.58951E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
82	0.00000E+00	-5.58951E-01	0.00000E+00	-3.02157E-08	0.00000E+00	0.00000E+00
83	0.00000E+00	-1.24078E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-5.58951E-01	0.00000E+00	3.02157E-08	0.00000E+00	0.00000E+00
85	0.00000E+00	-5.58951E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-1.40863E+00	0.00000E+00	-1.29714E-02	0.00000E+00	-2.64988E-01
87	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
88	0.00000E+00	-4.81122E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
89	0.00000E+00	-1.61432E+00	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-08
90	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
91	0.00000E+00	-4.81122E-01	0.00000E+00	9.06470E-08	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	-1.40863E+00	0.00000E+00	1.29713E-02	0.00000E+00	-2.64988E-01
93	0.00000E+00	-5.58950E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-5.58951E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
95	0.00000E+00	-1.24078E+00	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
96	0.00000E+00	-5.58951E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-5.58951E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-1.87627E+00	0.00000E+00	-4.26204E-02	0.00000E+00	1.16743E-01
99	0.00000E+00	-1.30749E+00	0.00000E+00	2.96490E-02	0.00000E+00	-8.79001E-08
100	0.00000E+00	-4.11076E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
101	0.00000E+00	-4.11076E-01	0.00000E+00	-1.92282E-08	0.00000E+00	0.00000E+00
102	0.00000E+00	-1.16295E+00	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-08
103	0.00000E+00	-2.01831E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
104	0.00000E+00	-2.01831E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.07400E+00	0.00000E+00	-2.96490E-02	0.00000E+00	-4.39501E-08
106	0.00000E+00	-1.07400E+00	0.00000E+00	2.96490E-02	0.00000E+00	-4.39501E-08
107	0.00000E+00	-4.11076E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
108	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
109	0.00000E+00	-1.16295E+00	0.00000E+00	-9.06470E-08	0.00000E+00	-4.39501E-08
110	0.00000E+00	-3.08915E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-3.08915E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
112	0.00000E+00	-1.16295E+00	0.00000E+00	-9.06470E-08	0.00000E+00	-4.39501E-08
113	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
114	0.00000E+00	-4.11076E-01	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
115	0.00000E+00	-1.40511E+00	0.00000E+00	-2.96489E-02	0.00000E+00	-8.79001E-08
116	0.00000E+00	-1.44020E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.31971E-01
117	0.00000E+00	-1.44020E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.31971E-01
118	0.00000E+00	-2.25687E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
121	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
122	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
123	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
125	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-8.48316E-01	0.00000E+00	2.96490E-02	0.00000E+00	8.79001E-08
127	0.00000E+00	-4.81122E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-4.81122E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-1.65324E+00	0.00000E+00	1.29714E-02	0.00000E+00	8.79001E-08
130	0.00000E+00	-5.58951E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
131	0.00000E+00	-5.58951E-01	0.00000E+00	-3.02157E-08	0.00000E+00	0.00000E+00
132	0.00000E+00	-1.24078E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-5.58951E-01	0.00000E+00	3.02157E-08	0.00000E+00	0.00000E+00
134	0.00000E+00	-5.58951E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-1.40863E+00	0.00000E+00	-1.29714E-02	0.00000E+00	2.64988E-01
136	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
137	0.00000E+00	-4.81122E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
138	0.00000E+00	-1.36972E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.64988E-01
139	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
140	0.00000E+00	-4.81122E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
141	0.00000E+00	-1.76998E+00	0.00000E+00	1.29713E-02	0.00000E+00	-1.16743E-01
142	0.00000E+00	-5.58950E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-5.58951E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
144	0.00000E+00	-1.17526E+00	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
145	0.00000E+00	-4.68795E-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
146	0.00000E+00	-4.68795E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
147	0.00000E+00	-1.63501E+00	0.00000E+00	-4.26204E-02	0.00000E+00	1.90939E-01
148	0.00000E+00	-1.30749E+00	0.00000E+00	2.96490E-02	0.00000E+00	1.31850E-07
149	0.00000E+00	-4.11076E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
150	0.00000E+00	-4.11076E-01	0.00000E+00	-1.92282E-08	0.00000E+00	0.00000E+00
151	0.00000E+00	-9.18345E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.64988E-01
152	0.00000E+00	-3.71679E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
153	0.00000E+00	-3.71679E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
154	0.00000E+00	-1.16295E+00	0.00000E+00	0.00000E+00	0.00000E+00	8.79001E-08
155	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
156	0.00000E+00	-2.94485E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
157	0.00000E+00	-1.16295E+00	0.00000E+00	0.00000E+00	0.00000E+00	8.79001E-08
158	0.00000E+00	-4.11076E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
159	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
160	0.00000E+00	-1.16295E+00	0.00000E+00	-9.06470E-08	0.00000E+00	8.79001E-08
161	0.00000E+00	-4.11076E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
163	0.00000E+00	-1.16295E+00	0.00000E+00	-9.06470E-08	0.00000E+00	8.79001E-08
164	0.00000E+00	-3.41632E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
165	0.00000E+00	-3.41632E-01	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
166	0.00000E+00	-1.22610E+00	0.00000E+00	-2.96489E-02	0.00000E+00	2.74475E-01
167	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
168	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
169	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
170	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
171	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
172	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
173	0.00000E+00	-5.48995E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
174	0.00000E+00	-8.07162E-01	0.00000E+00	2.96490E-02	0.00000E+00	2.66841E-01
175	0.00000E+00	-3.29508E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	0.00000E+00	-3.29508E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	-1.67059E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.24220E-01
178	0.00000E+00	-3.29508E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
179	0.00000E+00	-3.29508E-01	0.00000E+00	-1.92282E-08	0.00000E+00	0.00000E+00
180	0.00000E+00	-1.66604E+00	0.00000E+00	0.00000E+00	0.00000E+00	-4.11043E-02
181	0.00000E+00	-3.29508E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
182	0.00000E+00	-3.29508E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-1.42143E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.92512E-02
184	0.00000E+00	-3.29508E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
185	0.00000E+00	-3.29508E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
186	0.00000E+00	-1.39920E+00	0.00000E+00	-1.29714E-02	0.00000E+00	-3.92512E-02
187	0.00000E+00	-2.18324E-01	0.00000E+00	5.55919E-03	0.00000E+00	0.00000E+00
188	0.00000E+00	-2.18324E-01	0.00000E+00	-5.55915E-03	0.00000E+00	0.00000E+00
189	0.00000E+00	-1.73712E+00	0.00000E+00	2.59428E-02	0.00000E+00	3.76469E-01
190	0.00000E+00	-4.07336E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-4.07337E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-1.13727E+00	0.00000E+00	-1.31850E-07	0.00000E+00	3.93102E-01
193	0.00000E+00	-2.45774E-01	0.00000E+00	-3.19652E-02	0.00000E+00	0.00000E+00
194	0.00000E+00	-1.91792E-01	0.00000E+00	3.19652E-02	0.00000E+00	0.00000E+00
195	0.00000E+00	-1.16483E+00	0.00000E+00	-4.26204E-02	0.00000E+00	2.84630E-02
196	0.00000E+00	-1.40511E+00	0.00000E+00	2.96490E-02	0.00000E+00	-1.75800E-07
197	0.00000E+00	-4.11076E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
198	0.00000E+00	-3.18775E-01	0.00000E+00	-1.92282E-08	0.00000E+00	-5.06038E-03

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
199	0.00000E+00	-8.04717E-01	0.00000E+00	0.00000E+00	0.00000E+00	-9.72856E-03
200	0.00000E+00	-4.85519E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
201	0.00000E+00	-4.11076E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
202	0.00000E+00	-1.37731E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16743E-01
203	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
204	0.00000E+00	-2.94485E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
205	0.00000E+00	-9.93729E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.66841E-01
206	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
207	0.00000E+00	-2.94485E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
208	0.00000E+00	-1.37731E+00	0.00000E+00	-9.06470E-08	0.00000E+00	-1.16743E-01
209	0.00000E+00	-4.11076E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
211	0.00000E+00	-1.27969E+00	0.00000E+00	-9.06470E-08	0.00000E+00	-1.16743E-01
212	0.00000E+00	-2.91396E-01	0.00000E+00	-2.22367E-02	0.00000E+00	0.00000E+00
213	0.00000E+00	-2.91396E-01	0.00000E+00	2.22367E-02	0.00000E+00	0.00000E+00
214	0.00000E+00	-9.26033E-01	0.00000E+00	-2.96489E-02	0.00000E+00	-3.00048E-01
215	0.00000E+00	-9.91429E-02	0.00000E+00	1.03771E-02	0.00000E+00	-1.13352E-02
216	0.00000E+00	-1.86788E-01	0.00000E+00	-1.03771E-02	0.00000E+00	-2.59428E-02
217	0.00000E+00	-1.34938E-01	0.00000E+00	1.03771E-02	0.00000E+00	-1.23660E-02
218	0.00000E+00	-2.42380E-01	0.00000E+00	-1.03771E-02	0.00000E+00	-8.80216E-03
219	0.00000E+00	-9.50393E-01	0.00000E+00	3.83584E-01	0.00000E+00	-3.19652E-02
222	0.00000E+00	-1.38881E+00	0.00000E+00	8.79001E-08	0.00000E+00	1.26356E-07
225	0.00000E+00	-1.32715E+00	0.00000E+00	-1.31850E-07	0.00000E+00	-3.08281E-02
228	0.00000E+00	-1.10112E+00	0.00000E+00	-3.59610E-01	0.00000E+00	1.26356E-07
231	0.00000E+00	-1.03947E+00	0.00000E+00	3.59610E-01	0.00000E+00	-3.08281E-02
237	0.00000E+00	-1.57062E+00	0.00000E+00	-3.83584E-01	0.00000E+00	2.46138E-02
238	0.00000E+00	-1.23113E+00	0.00000E+00	2.96490E-02	0.00000E+00	1.75800E-07
239	0.00000E+00	-4.11076E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
240	0.00000E+00	-2.41340E-01	0.00000E+00	-1.92282E-08	0.00000E+00	0.00000E+00
241	0.00000E+00	-7.41924E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.36267E-02
242	0.00000E+00	-5.59961E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
243	0.00000E+00	-4.11076E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	0.00000E+00	-1.32008E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.75800E-07
245	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
246	0.00000E+00	-2.94485E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
247	0.00000E+00	-8.19752E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.66841E-01
248	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
249	0.00000E+00	-2.94485E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
250	0.00000E+00	-1.32008E+00	0.00000E+00	-9.06470E-08	0.00000E+00	1.75800E-07
251	0.00000E+00	-4.11076E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
252	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
253	0.00000E+00	-1.20334E+00	0.00000E+00	-9.06470E-08	0.00000E+00	1.16743E-01
254	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
255	0.00000E+00	-4.11076E-01	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
256	0.00000E+00	-1.40511E+00	0.00000E+00	-2.96489E-02	0.00000E+00	1.75800E-07
257	0.00000E+00	-1.11635E-01	0.00000E+00	1.03771E-02	0.00000E+00	4.05514E-04
258	0.00000E+00	-1.97907E-01	0.00000E+00	-1.03771E-02	0.00000E+00	-6.94898E-03
259	0.00000E+00	-1.23945E-01	0.00000E+00	1.03771E-02	0.00000E+00	-1.00578E-02
260	0.00000E+00	-2.20144E-01	0.00000E+00	-1.03771E-02	0.00000E+00	-7.87562E-03
261	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
262	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
263	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
264	0.00000E+00	-5.05936E-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
265	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
267	0.00000E+00	-1.69424E+00	0.00000E+00	3.83584E-01	0.00000E+00	1.31850E-07
270	0.00000E+00	-1.96765E+00	0.00000E+00	8.79001E-08	0.00000E+00	3.92513E-02
273	0.00000E+00	-2.03436E+00	0.00000E+00	-1.31850E-07	0.00000E+00	1.14554E-02
276	0.00000E+00	-2.03436E+00	0.00000E+00	1.75800E-07	0.00000E+00	1.14554E-02
279	0.00000E+00	-1.92392E+00	0.00000E+00	-1.75800E-07	0.00000E+00	3.71097E-03
285	0.00000E+00	-1.00523E+00	0.00000E+00	-3.83584E-01	0.00000E+00	1.26356E-07
286	0.00000E+00	-1.40511E+00	0.00000E+00	2.96490E-02	0.00000E+00	0.00000E+00
287	0.00000E+00	-4.11076E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
288	0.00000E+00	-3.27979E-01	0.00000E+00	-1.92282E-08	0.00000E+00	0.00000E+00
289	0.00000E+00	-1.09379E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.29316E-01
290	0.00000E+00	-4.85519E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
291	0.00000E+00	-4.11076E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
292	0.00000E+00	-1.37731E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.16743E-01
293	0.00000E+00	-4.11076E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
294	0.00000E+00	-4.11076E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
295	0.00000E+00	-1.26057E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
296	0.00000E+00	-4.11076E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
297	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
298	0.00000E+00	-1.37731E+00	0.00000E+00	-9.06470E-08	0.00000E+00	1.16743E-01
299	0.00000E+00	-4.11076E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
300	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
301	0.00000E+00	-1.08659E+00	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
302	0.00000E+00	-4.11076E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
303	0.00000E+00	-4.11076E-01	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
304	0.00000E+00	-1.23113E+00	0.00000E+00	-2.96489E-02	0.00000E+00	0.00000E+00
305	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
306	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
307	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
308	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
309	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
310	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	0.00000E+00	-1.56638E+00	0.00000E+00	3.83584E-01	0.00000E+00	4.26204E-02
314	0.00000E+00	-1.84433E+00	0.00000E+00	8.79001E-08	0.00000E+00	1.85306E-03
317	0.00000E+00	-1.91104E+00	0.00000E+00	-1.31850E-07	0.00000E+00	2.96489E-02
320	0.00000E+00	-1.91104E+00	0.00000E+00	1.75800E-07	0.00000E+00	2.96489E-02
323	0.00000E+00	-1.86294E+00	0.00000E+00	-1.75800E-07	0.00000E+00	3.40343E-03
329	0.00000E+00	-1.48167E+00	0.00000E+00	-3.83584E-01	0.00000E+00	5.03528E-03
330	0.00000E+00	-1.02153E+00	0.00000E+00	2.96490E-02	0.00000E+00	3.83584E-01
331	0.00000E+00	-2.94485E-01	0.00000E+00	1.09875E-08	0.00000E+00	0.00000E+00
332	0.00000E+00	-2.94485E-01	0.00000E+00	-1.92282E-08	0.00000E+00	0.00000E+00
333	0.00000E+00	-9.93729E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.66841E-01
334	0.00000E+00	-2.94485E-01	0.00000E+00	1.92282E-08	0.00000E+00	0.00000E+00
335	0.00000E+00	-2.94485E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-9.93729E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.66841E-01
337	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
338	0.00000E+00	-2.94485E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
339	0.00000E+00	-9.93729E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.66841E-01
340	0.00000E+00	-2.94485E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
341	0.00000E+00	-2.94485E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
342	0.00000E+00	-9.93729E-01	0.00000E+00	-9.06470E-08	0.00000E+00	2.66841E-01
343	0.00000E+00	-2.94485E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	0.00000E+00	-2.94485E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
345	0.00000E+00	-8.19752E-01	0.00000E+00	-9.06470E-08	0.00000E+00	2.66841E-01
346	0.00000E+00	-2.94485E-01	0.00000E+00	9.06470E-08	0.00000E+00	0.00000E+00
347	0.00000E+00	-2.94485E-01	0.00000E+00	-9.06470E-08	0.00000E+00	0.00000E+00
348	0.00000E+00	-1.02153E+00	0.00000E+00	-2.96489E-02	0.00000E+00	3.83584E-01
349	0.00000E+00	-5.05936E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0.00000E+00	-1.33014E-01	0.00000E+00	1.57931E-02	0.00000E+00	0.00000E+00
352	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	0.00000E+00	-4.07336E-01	0.00000E+00	1.51614E-01	0.00000E+00	6.59251E-08
354	0.00000E+00	-3.43406E-01	0.00000E+00	1.51614E-01	0.00000E+00	3.19652E-02
355	0.00000E+00	-4.07336E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
356	0.00000E+00	-4.07337E-01	0.00000E+00	1.51614E-01	0.00000E+00	-1.31850E-07
357	0.00000E+00	-5.49854E-01	0.00000E+00	3.29626E-08	0.00000E+00	6.31782E-08
358	0.00000E+00	-5.49854E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.26356E-07
359	0.00000E+00	-5.49854E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
360	0.00000E+00	-5.49854E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.26356E-07
361	0.00000E+00	-5.49854E-01	0.00000E+00	-4.39501E-08	0.00000E+00	6.31782E-08
362	0.00000E+00	-4.88197E-01	0.00000E+00	-4.39501E-08	0.00000E+00	3.08281E-02
363	0.00000E+00	-5.49854E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
364	0.00000E+00	-5.49854E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-1.26356E-07
365	0.00000E+00	-4.64950E-01	0.00000E+00	-1.34937E-01	0.00000E+00	6.31782E-08
366	0.00000E+00	-4.64950E-01	0.00000E+00	-1.34937E-01	0.00000E+00	-1.26356E-07
367	0.00000E+00	-5.49854E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
368	0.00000E+00	-5.49854E-01	0.00000E+00	7.69126E-08	0.00000E+00	-1.26356E-07
369	0.00000E+00	-4.61210E-01	0.00000E+00	1.74356E-01	0.00000E+00	-2.37377E-02
370	0.00000E+00	-4.03294E-01	0.00000E+00	1.34936E-01	0.00000E+00	3.08281E-02
371	0.00000E+00	-5.49854E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
372	0.00000E+00	-5.06694E-01	0.00000E+00	-7.69126E-08	0.00000E+00	2.37376E-02
373	0.00000E+00	-1.38881E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.26356E-07
374	0.00000E+00	-6.14774E-01	0.00000E+00	-3.94197E-02	0.00000E+00	9.89800E-03
375	0.00000E+00	-5.49854E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.26356E-07
376	0.00000E+00	-5.49854E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
377	0.00000E+00	-5.75355E-01	0.00000E+00	0.00000E+00	0.00000E+00	-9.89809E-03
378	0.00000E+00	-3.29508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	4.39501E-08
379	0.00000E+00	-3.29508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-9.06470E-08
380	0.00000E+00	-3.55080E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-2.37376E-02
381	0.00000E+00	-3.98240E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-1.26356E-07
382	0.00000E+00	-4.51374E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
383	0.00000E+00	-4.07337E-01	0.00000E+00	1.51614E-01	0.00000E+00	-1.31850E-07
384	0.00000E+00	-4.07337E-01	0.00000E+00	1.51614E-01	0.00000E+00	1.31850E-07
385	0.00000E+00	-4.58885E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.29715E-02
386	0.00000E+00	-4.58885E-01	0.00000E+00	3.29626E-08	0.00000E+00	1.29715E-02
387	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-9.06470E-08
388	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	9.06470E-08
389	0.00000E+00	-4.81122E-01	0.00000E+00	7.69126E-08	0.00000E+00	-9.06470E-08
390	0.00000E+00	-4.81122E-01	0.00000E+00	7.69126E-08	0.00000E+00	9.06470E-08
391	0.00000E+00	-4.58885E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-1.29715E-02
392	0.00000E+00	-4.58885E-01	0.00000E+00	-7.69126E-08	0.00000E+00	1.29715E-02
393	0.00000E+00	-3.98240E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-1.26356E-07
394	0.00000E+00	-3.55080E-01	0.00000E+00	-1.51614E-01	0.00000E+00	2.37378E-02
395	0.00000E+00	-1.21203E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
396	0.00000E+00	-1.30984E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
397	0.00000E+00	-5.00227E-01	0.00000E+00	0.00000E+00	0.00000E+00	8.56166E-03
398	0.00000E+00	-5.00227E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.56166E-03

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
399	0.00000E+00	-3.29508E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
400	0.00000E+00	-3.29508E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
401	0.00000E+00	-4.81122E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
402	0.00000E+00	-5.00227E-01	0.00000E+00	3.29626E-08	0.00000E+00	-8.56177E-03
403	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
404	0.00000E+00	-4.81122E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
405	0.00000E+00	-3.29508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
406	0.00000E+00	-3.29508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
407	0.00000E+00	-1.96999E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.56177E-03
408	0.00000E+00	-1.96999E-01	0.00000E+00	0.00000E+00	0.00000E+00	8.56177E-03
412	0.00000E+00	-1.27861E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	-1.23313E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
414	0.00000E+00	-1.23313E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
415	0.00000E+00	-1.25840E-01	0.00000E+00	5.55919E-03	0.00000E+00	0.00000E+00
416	0.00000E+00	-1.25840E-01	0.00000E+00	5.55915E-03	0.00000E+00	0.00000E+00
417	0.00000E+00	-1.25840E-01	0.00000E+00	5.55919E-03	0.00000E+00	0.00000E+00
418	0.00000E+00	-1.25840E-01	0.00000E+00	-5.55915E-03	0.00000E+00	0.00000E+00
419	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.83453E-01
420	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.83453E-01
421	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.83453E-01
422	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.83453E-01
423	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.83453E-01
424	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.83453E-01
425	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.83453E-01
426	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.83453E-01
427	0.00000E+00	-8.89469E-02	0.00000E+00	0.00000E+00	0.00000E+00	-1.48244E-02
428	0.00000E+00	-1.07551E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.32741E-02
429	0.00000E+00	-8.89469E-02	0.00000E+00	0.00000E+00	0.00000E+00	1.48244E-02
430	0.00000E+00	-1.07551E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.32741E-02
431	0.00000E+00	-1.23313E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.23313E-02
432	0.00000E+00	-1.23313E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.23312E-02
433	0.00000E+00	-1.41134E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.02521E-02
434	0.00000E+00	-1.41134E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.02522E-02
435	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.83453E-01
436	0.00000E+00	-2.44604E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.83453E-01
437	0.00000E+00	-1.98614E-01	0.00000E+00	-4.66969E-08	0.00000E+00	0.00000E+00
438	0.00000E+00	-1.98614E-01	0.00000E+00	-4.66969E-08	0.00000E+00	0.00000E+00
439	0.00000E+00	-1.39485E-01	0.00000E+00	-4.66969E-08	0.00000E+00	0.00000E+00
440	0.00000E+00	-2.42330E-01	0.00000E+00	-9.61408E-08	0.00000E+00	0.00000E+00
441	0.00000E+00	-1.39485E-01	0.00000E+00	1.48245E-02	0.00000E+00	0.00000E+00
442	0.00000E+00	-1.39485E-01	0.00000E+00	1.48245E-02	0.00000E+00	0.00000E+00
443	0.00000E+00	-1.39485E-01	0.00000E+00	-1.48245E-02	0.00000E+00	0.00000E+00
444	0.00000E+00	-1.39485E-01	0.00000E+00	-1.48245E-02	0.00000E+00	0.00000E+00
445	0.00000E+00	-1.39485E-01	0.00000E+00	-1.48245E-02	0.00000E+00	0.00000E+00
446	0.00000E+00	-2.42330E-01	0.00000E+00	4.66969E-08	0.00000E+00	0.00000E+00
447	0.00000E+00	-1.39485E-01	0.00000E+00	1.48245E-02	0.00000E+00	0.00000E+00
448	0.00000E+00	-2.42330E-01	0.00000E+00	9.61408E-08	0.00000E+00	0.00000E+00
449	0.00000E+00	-1.76071E-01	0.00000E+00	1.26345E-02	0.00000E+00	6.20886E-02
450	0.00000E+00	-2.13057E-01	0.00000E+00	4.21151E-03	0.00000E+00	1.51298E-02
451	0.00000E+00	-5.13103E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.77894E-02
452	0.00000E+00	-3.94339E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
453	0.00000E+00	-3.17016E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
454	0.00000E+00	-1.30483E-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
455	0.00000E+00	-1.30483E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
456	0.00000E+00	-1.30483E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
457	0.00000E+00	-1.96402E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
458	0.00000E+00	-1.46319E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
459	0.00000E+00	-4.48825E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.55723E-02
460	0.00000E+00	-7.40989E-01	0.00000E+00	-4.96536E-02	0.00000E+00	4.32538E-02
461	0.00000E+00	-1.76744E-01	0.00000E+00	4.96536E-02	0.00000E+00	0.00000E+00
462	0.00000E+00	-1.76744E-01	0.00000E+00	4.96536E-02	0.00000E+00	0.00000E+00
463	0.00000E+00	-3.22477E-01	0.00000E+00	-4.96536E-02	0.00000E+00	-4.32538E-02
464	0.00000E+00	-1.19651E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
465	0.00000E+00	-1.19651E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
466	0.00000E+00	-1.64082E-01	0.00000E+00	-3.23865E-03	0.00000E+00	1.16429E-02
467	0.00000E+00	-1.64082E-01	0.00000E+00	3.23865E-03	0.00000E+00	1.16429E-02
468	0.00000E+00	-2.52690E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 1
LOADTYPE NONE TITLE P.P

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

X = 0.229890223E+02
Y = 0.487057222E+01
Z = 0.228293314E+02

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

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -245.26
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 5599.02 MY= 0.00 MZ= -5638.19

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

SUMMATION FORCE-X = -0.00
SUMMATION FORCE-Y = 245.26
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -5599.02 MY= -0.00 MZ= 5638.19

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 1)

MAXIMUMS AT NODE

X = -1.73445E-03 46
Y = -3.31796E-01 377
Z = -1.86375E-02 458
RX= -7.24247E-04 379
RY= -9.92332E-06 458
RZ= -5.72372E-04 369

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	-0.17	0.00	0.00	0.00	0.00	
	0.00	-0.55	-0.04	-0.05	-0.00	-0.00	111111
2	0.00	-0.45	0.00	0.00	0.00	0.00	
	-0.11	-1.37	-0.02	-0.05	-0.00	0.13	111111
4	0.00	-0.45	0.00	0.00	0.00	0.00	
	-0.12	-1.04	0.05	0.05	-0.00	0.12	111111
6	0.00	-0.86	0.00	0.25	0.00	-0.03	
	0.11	0.86	0.02	-0.25	0.00	0.03	000000
9	0.00	-1.07	0.00	0.00	0.00	-0.03	
	0.66	1.07	0.01	-0.00	0.00	0.03	000000
12	0.00	-1.07	0.00	-0.00	0.00	-0.03	
	0.19	1.07	0.04	0.00	0.00	0.03	000000
15	0.00	-0.81	0.00	-0.27	0.00	-0.03	
	0.12	0.81	-0.05	0.27	0.00	0.03	000000
16	0.00	-0.45	0.00	0.00	0.00	0.00	
	-0.06	-1.16	-0.12	-0.16	-0.00	0.04	111111
17	0.00	-0.45	0.00	0.00	0.00	0.00	
	0.09	-5.92	-0.31	-0.40	-0.00	-0.13	111111
19	0.00	-0.45	0.00	0.00	0.00	0.00	
	0.14	-6.36	0.36	0.44	-0.00	-0.17	111111
20	0.00	-0.45	0.00	0.00	0.00	0.00	
	0.05	-3.40	-0.04	-0.06	-0.00	-0.07	111111
21	0.00	-0.45	0.00	0.00	0.00	0.00	
	-0.03	-3.52	-0.02	-0.05	-0.00	0.03	111111
22	0.00	-0.45	0.00	0.00	0.00	0.00	
	0.15	-3.96	-0.02	-0.05	-0.00	-0.19	111111
23	0.00	-0.55	0.00	0.00	0.00	0.00	
	-0.05	-3.15	0.04	0.01	-0.00	0.06	111111
24	0.00	-0.81	0.00	0.03	0.00	-0.27	
	0.06	0.81	0.12	-0.03	0.00	0.27	000000
27	0.00	-1.48	0.00	0.01	0.00	-0.24	
	-0.19	1.48	-0.59	-0.01	0.00	0.24	000000
30	0.00	-1.04	0.00	0.00	0.00	0.00	
	-0.11	1.04	0.01	-0.00	0.00	0.00	000000
33	0.00	-1.23	0.00	-0.01	0.00	0.03	
	-0.16	1.23	0.37	0.01	0.00	-0.03	000000
36	0.00	-1.44	0.00	0.00	0.00	-0.24	
	-0.12	1.44	-0.06	0.00	0.00	0.24	000000
42	0.00	-1.35	0.00	-0.00	0.00	0.00	
	-0.62	1.35	0.01	0.00	0.00	-0.00	000000

STAAD SPACE						-- PAGE NO. 82	
59	0.00	-0.90	0.00	-0.00	0.00	-0.27	
	0.47	0.90	0.01	0.00	-0.00	0.27	000000
62	0.00	-1.02	0.00	-0.03	0.00	-0.38	
	0.12	1.02	-0.17	0.03	-0.00	0.38	000000
69	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.02	-1.67	-0.15	-0.18	-0.00	-0.03	111111
70	0.00	-0.45	0.00	0.00	0.00	0.00	
	0.01	-6.79	-0.50	-0.58	-0.00	-0.02	111111
72	0.00	-0.45	0.00	0.00	0.00	0.00	
	0.00	-6.51	0.47	0.51	-0.00	-0.00	111111
73	0.00	-0.45	0.00	0.00	0.00	0.00	
	-0.00	-3.75	0.00	-0.02	-0.00	0.00	111111
74	0.00	-0.45	0.00	0.00	0.00	0.00	
	-0.00	-6.90	-0.48	-0.55	-0.00	0.00	111111
75	0.00	-0.55	0.00	0.00	0.00	0.00	
	0.01	-6.20	0.59	0.64	-0.00	-0.01	111111
77	0.00	-0.85	0.00	0.03	0.00	-0.00	
	-0.02	0.85	0.15	-0.03	0.00	0.00	000000
80	0.00	-1.65	0.00	0.01	0.00	-0.00	
	-0.05	1.65	-0.83	-0.01	0.00	0.00	000000
86	0.00	-1.41	0.00	-0.01	0.00	-0.26	
	-0.03	1.41	0.84	0.01	0.00	0.26	000000
89	0.00	-1.61	0.00	0.00	0.00	-0.00	
	-0.01	1.61	-0.11	0.00	0.00	0.00	000000
92	0.00	-1.41	0.00	0.01	0.00	-0.26	
	-0.02	1.41	-0.44	-0.01	0.00	0.26	000000
95	0.00	-1.24	0.00	-0.00	0.00	0.00	
	-0.28	1.24	-0.02	0.00	0.00	-0.00	000000
98	0.00	-1.88	0.00	-0.04	0.00	0.12	
	-0.00	1.88	0.73	0.04	0.00	-0.12	000000
99	0.00	-1.31	0.00	0.03	0.00	-0.00	
	0.03	1.31	1.32	-0.03	-0.00	0.00	000000
105	0.00	-1.07	0.00	-0.03	0.00	-0.00	
	0.03	1.07	-1.31	0.03	-0.00	0.00	000000
106	0.00	-1.07	0.00	0.03	0.00	-0.00	
	0.01	1.07	0.11	-0.03	-0.00	0.00	000000
109	0.00	-1.16	0.00	-0.00	0.00	-0.00	
	0.02	1.16	0.91	0.00	-0.00	0.00	000000
112	0.00	-1.16	0.00	-0.00	0.00	-0.00	
	0.28	1.16	0.02	0.00	-0.00	0.00	000000
115	0.00	-1.41	0.00	-0.03	0.00	-0.00	
	-0.01	1.41	-1.32	0.03	-0.00	0.00	000000
118	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.01	-1.66	-0.12	-0.15	-0.00	-0.04	111111
119	0.00	-0.45	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 83	
129	0.00	-1.65	0.00	0.01	0.00	0.00	
	0.01	1.65	-0.74	-0.01	0.00	-0.00	000000
132	0.00	-1.24	0.00	0.00	0.00	0.00	
	0.25	1.24	-0.00	-0.00	0.00	0.00	000000
135	0.00	-1.41	0.00	-0.01	0.00	0.26	
	0.03	1.41	0.47	0.01	0.00	-0.26	000000
141	0.00	-1.77	0.00	0.01	0.00	-0.12	
	0.05	1.77	-0.43	-0.01	0.00	0.12	000000
144	0.00	-1.18	0.00	-0.00	0.00	0.00	
	0.23	1.18	0.04	0.00	0.00	0.00	000000
147	0.00	-1.64	0.00	-0.04	0.00	0.19	
	0.03	1.64	0.61	0.04	-0.00	-0.19	000000
148	0.00	-1.31	0.00	0.03	0.00	0.00	
	-0.05	1.31	1.14	-0.03	-0.00	-0.00	000000
151	0.00	-0.92	0.00	0.00	0.00	0.26	
	-0.25	0.92	0.00	-0.00	-0.00	-0.26	000000
154	0.00	-1.16	0.00	0.00	0.00	0.00	
	-0.08	1.16	-0.90	0.00	-0.00	-0.00	000000
160	0.00	-1.16	0.00	-0.00	0.00	0.00	
	-0.11	1.16	0.87	0.00	-0.00	-0.00	000000
163	0.00	-1.16	0.00	-0.00	0.00	0.00	
	-0.23	1.16	-0.04	0.00	-0.00	-0.00	000000
166	0.00	-1.23	0.00	-0.03	0.00	0.27	
	-0.03	1.23	-1.16	0.03	0.02	-0.27	000000
167	0.00	-0.45	0.00	0.00	0.00	0.00	
	0.09	-1.09	-0.12	-0.15	-0.00	-0.13	111111
168	0.00	-0.55	0.00	0.00	0.00	0.00	
	-0.33	-6.73	0.04	0.03	-0.00	0.39	111111
169	0.00	-0.55	0.00	0.00	0.00	0.00	
	-0.73	-7.87	-0.00	-0.01	-0.00	0.90	111111
170	0.00	-0.55	0.00	0.00	0.00	0.00	
	-0.50	-7.81	-0.00	-0.02	-0.00	0.62	111111
171	0.00	-0.55	0.00	0.00	0.00	0.00	
	-0.70	-6.21	-0.00	-0.01	-0.00	0.87	111111
172	0.00	-0.55	0.00	0.00	0.00	0.00	
	-0.70	-11.14	-0.32	-0.37	-0.00	0.87	111111
173	0.00	-0.55	0.00	0.00	0.00	0.00	
	-0.03	-2.03	-0.04	-0.05	-0.00	0.05	111111
174	0.00	-0.81	0.00	0.03	0.00	0.27	
	-0.09	0.81	0.12	-0.03	0.00	-0.27	000000
177	0.00	-1.67	0.00	0.00	0.00	0.22	
	-0.44	1.67	-0.21	-0.00	-0.00	-0.22	000000
183	0.00	-1.42	0.00	0.00	0.00	-0.04	
	-0.60	1.42	0.02	0.00	-0.00	0.04	000000
186	0.00	-1.40	0.00	-0.01	0.00	-0.04	

STAAD SPACE						-- PAGE NO. 84	
202	0.00	-1.38	0.00	0.00	0.00	-0.12	
	1.09	1.38	-0.02	0.00	-0.00	0.12	000000
205	0.00	-0.99	0.00	0.00	0.00	0.27	
	0.45	0.99	0.01	0.00	-0.00	-0.27	000000
208	0.00	-1.38	0.00	-0.00	0.00	-0.12	
	1.37	1.38	0.71	0.00	-0.00	0.12	000000
211	0.00	-1.28	0.00	-0.00	0.00	-0.12	
	0.19	1.28	-0.58	0.00	-0.00	0.12	000000
212	0.00	-0.29	0.00	-0.02	0.00	0.00	
	0.01	0.29	-0.16	0.02	-0.01	-0.00	000000
213	0.00	-0.29	0.00	0.02	0.00	0.00	
	-0.01	0.29	-0.16	-0.02	-0.01	0.00	000000
219	0.00	-0.95	0.00	0.38	0.00	-0.03	
	-0.02	0.95	-0.35	-0.38	0.00	0.03	000000
222	0.00	-1.39	0.00	0.00	0.00	0.00	
	-0.03	1.39	-0.17	-0.00	0.00	-0.00	000000
228	0.00	-1.10	0.00	-0.36	0.00	0.00	
	0.65	1.10	-0.10	0.36	0.00	-0.00	000000
231	0.00	-1.04	0.00	0.36	0.00	-0.03	
	0.12	1.04	0.01	-0.36	-0.00	0.03	000000
237	0.00	-1.57	0.00	-0.38	0.00	0.02	
	-0.61	1.57	1.03	0.38	0.00	-0.02	000000
238	0.00	-1.23	0.00	0.03	0.00	0.00	
	0.02	1.23	0.35	-0.03	-0.00	-0.00	000000
241	0.00	-0.74	0.00	0.00	0.00	0.02	
	0.03	0.74	0.17	0.00	-0.00	-0.02	000000
247	0.00	-0.82	0.00	0.00	0.00	-0.27	
	-0.65	0.82	0.10	0.00	-0.00	0.27	000000
250	0.00	-1.32	0.00	-0.00	0.00	0.00	
	-0.13	1.32	0.32	0.00	-0.00	-0.00	000000
253	0.00	-1.20	0.00	-0.00	0.00	0.12	
	0.91	1.20	-0.66	0.00	-0.00	-0.12	000000
256	0.00	-1.41	0.00	-0.03	0.00	0.00	
	1.24	1.41	-1.42	0.03	-0.00	-0.00	000000
261	0.00	-0.51	0.00	0.00	0.00	0.00	
	0.35	-6.52	-0.02	-0.01	-0.00	-0.41	111111
262	0.00	-0.51	0.00	0.00	0.00	0.00	
	0.56	-7.87	0.02	0.02	-0.00	-0.65	111111
263	0.00	-0.51	0.00	0.00	0.00	0.00	
	0.54	-8.23	0.01	0.02	-0.00	-0.63	111111
264	0.00	-0.51	0.00	0.00	0.00	0.00	
	0.65	-7.06	0.08	0.09	-0.00	-0.75	111111
265	0.00	-0.51	0.00	0.00	0.00	0.00	
	0.85	-12.48	-0.55	-0.63	-0.00	-0.86	111111
267	0.00	-1.69	0.00	0.38	0.00	0.00	

STAAD SPACE							-- PAGE NO.	85
286	0.00	-1.41	0.00	0.03	0.00	0.00		
	-0.64	1.41	0.23	-0.03	-0.00	-0.00	000000	
289	0.00	-1.09	0.00	0.00	0.00	-0.23		
	-0.85	1.09	0.04	0.00	-0.00	0.23	000000	
292	0.00	-1.38	0.00	0.00	0.00	0.12		
	-1.00	1.38	0.04	-0.00	-0.00	-0.12	000000	
295	0.00	-1.26	0.00	0.00	0.00	0.00		
	-0.89	1.26	-0.09	-0.00	-0.00	0.00	000000	
298	0.00	-1.38	0.00	-0.00	0.00	0.12		
	-1.66	1.38	1.05	0.00	-0.00	-0.12	000000	
301	0.00	-1.09	0.00	-0.00	0.00	0.00		
	-0.21	1.09	0.64	0.00	-0.00	0.00	000000	
304	0.00	-1.23	0.00	-0.03	0.00	0.00		
	0.13	1.23	-0.77	0.03	-0.00	0.00	000000	
305	0.00	-0.51	0.00	0.00	0.00	0.00		
	0.06	-2.83	-0.01	-0.01	-0.00	-0.09	111111	
306	0.00	-0.51	0.00	0.00	0.00	0.00		
	0.09	-3.66	0.03	0.04	-0.00	-0.11	111111	
307	0.00	-0.51	0.00	0.00	0.00	0.00		
	0.08	-3.58	0.03	0.04	-0.00	-0.10	111111	
308	0.00	-0.51	0.00	0.00	0.00	0.00		
	0.03	-3.33	0.05	0.06	-0.00	-0.04	111111	
309	0.00	-0.51	0.00	0.00	0.00	0.00		
	0.13	-5.64	-0.38	-0.37	-0.00	-0.15	111111	
310	0.00	-0.51	0.00	0.00	0.00	0.00		
	0.65	-7.03	0.53	0.55	-0.00	-0.74	111111	
311	0.00	-1.57	0.00	0.38	0.00	0.04		
	-0.08	1.57	-0.17	-0.38	-0.00	-0.04	000000	
323	0.00	-1.86	0.00	-0.00	0.00	0.00		
	-0.07	1.86	-0.47	0.00	0.00	-0.00	000000	
329	0.00	-1.48	0.00	-0.38	0.00	0.01		
	0.64	1.48	0.44	0.38	-0.00	-0.01	000000	
330	0.00	-1.02	0.00	0.03	0.00	0.38		
	0.01	1.02	0.19	-0.03	-0.00	-0.38	000000	
342	0.00	-0.99	0.00	-0.00	0.00	0.27		
	-0.06	0.99	0.82	0.00	-0.00	-0.27	000000	
345	0.00	-0.82	0.00	-0.00	0.00	0.27		
	-0.22	0.82	0.06	0.00	-0.00	-0.27	000000	
348	0.00	-1.02	0.00	-0.03	0.00	0.38		
	-1.29	1.02	-0.99	0.03	-0.00	-0.38	000000	
349	0.00	-0.51	0.00	0.00	0.00	0.00		
	-0.63	-9.21	0.72	0.82	-0.00	0.64	111111	
352	0.00	-0.45	0.00	0.00	0.00	0.00		
	-0.19	-1.62	-0.04	-0.07	-0.00	0.23	111111	
382	0.00	-0.45	0.00	0.00	0.00	0.00		

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
5	0.00000E+00	-1.00000E-01	0.00000E+00	8.33333E-03	0.00000E+00	0.00000E+00
6	0.00000E+00	-2.00000E+00	0.00000E+00	1.33333E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	-3.00000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
12	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
15	0.00000E+00	-1.60000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	-3.33333E-02
24	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.50000E+00
25	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.39400E+00
28	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-1.99500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.66250E-02
34	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0.00000E+00	-2.59400E+00	0.00000E+00	3.33333E-02	0.00000E+00	-2.36067E+00
37	0.00000E+00	-2.59400E+00	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
38	0.00000E+00	-2.59400E+00	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
39	0.00000E+00	-3.99500E-01	0.00000E+00	-1.01635E-07	0.00000E+00	-1.66250E-02
40	0.00000E+00	-2.59400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-2.59400E+00	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
42	0.00000E+00	-2.59400E+00	0.00000E+00	-1.01635E-07	0.00000E+00	0.00000E+00
43	0.00000E+00	-2.59400E+00	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
44	0.00000E+00	-2.59400E+00	0.00000E+00	-1.01635E-07	0.00000E+00	0.00000E+00
45	0.00000E+00	-1.60000E+00	0.00000E+00	-3.33333E-02	0.00000E+00	-1.50000E+00
46	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
47	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
49	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.33400E+00
50	0.00000E+00	-1.54531E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.54531E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
53	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
54	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.33400E+00
57	0.00000E+00	-1.26225E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-1.26225E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
59	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.33400E+00
60	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
61	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
63	0.00000E+00	-2.39435E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.72346E+00
64	0.00000E+00	-2.39435E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.72346E+00
65	0.00000E+00	-7.22531E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.36145E-02
66	0.00000E+00	-7.22531E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.36145E-02
67	0.00000E+00	-2.55864E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.67263E+00
68	0.00000E+00	-2.55864E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.67263E+00
77	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
78	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	-4.78800E+00	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
80	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
81	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
83	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-2.59350E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.37738E+00
87	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
90	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-2.59350E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.37738E+00
93	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
99	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
100	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
103	0.00000E+00	-2.39596E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
104	0.00000E+00	-2.39596E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
106	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
107	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
110	0.00000E+00	-2.62287E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-2.62287E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
113	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
116	0.00000E+00	-2.88309E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.64187E+00
117	0.00000E+00	-2.88309E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.64187E+00
126	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.75800E-07
130	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-2.59350E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.37737E+00
136	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	-2.59350E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.37737E+00
139	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-4.78800E+00	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
141	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.75800E-07
142	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-4.20020E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-3.36443E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	-3.36443E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	0.00000E+00	-2.30000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.07333E+00
148	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
149	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
150	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
151	0.00000E+00	-2.52850E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.31779E+00
152	0.00000E+00	-3.87931E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
153	0.00000E+00	-3.87931E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
154	0.00000E+00	-3.50100E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
155	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	0.00000E+00	-3.50100E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
158	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
164	0.00000E+00	-3.27782E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
165	0.00000E+00	-3.27782E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
166	0.00000E+00	-1.78940E+00	0.00000E+00	0.00000E+00	0.00000E+00	8.35053E-01
174	0.00000E+00	-1.60000E+00	0.00000E+00	3.33333E-02	0.00000E+00	1.50000E+00
175	0.00000E+00	-2.59400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	0.00000E+00	-2.59400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	-2.59400E+00	0.00000E+00	-3.33333E-02	0.00000E+00	2.36067E+00
178	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
179	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-1.99500E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.66250E-02
184	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
185	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
186	0.00000E+00	-1.99500E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.66250E-02
187	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.39400E+00
190	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
192	0.00000E+00	-2.98180E+00	0.00000E+00	0.00000E+00	0.00000E+00	3.52677E+00
193	0.00000E+00	-8.52384E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.93333E-01
196	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
197	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
198	0.00000E+00	-2.82025E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.01302E-01
199	0.00000E+00	-6.80750E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.50937E-02
200	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	0.00000E+00	-4.66800E+00	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
202	0.00000E+00	-3.50100E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.16700E+00
203	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33400E+00
206	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
208	0.00000E+00	-3.50100E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.16700E+00
209	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
212	0.00000E+00	-3.16247E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-3.16247E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-1.71160E+00	0.00000E+00	0.00000E+00	0.00000E+00	-9.12854E-01
215	0.00000E+00	-1.36150E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.26916E-01
216	0.00000E+00	-1.36150E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.26916E-01
217	0.00000E+00	-2.07806E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.47551E-01
218	0.00000E+00	-1.84775E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.69905E-02
219	0.00000E+00	-2.54400E+00	0.00000E+00	2.39400E+00	0.00000E+00	-2.49999E-02
222	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
225	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
228	0.00000E+00	-2.99250E+00	0.00000E+00	-2.24437E+00	0.00000E+00	0.00000E+00
231	0.00000E+00	-2.99250E+00	0.00000E+00	2.24437E+00	0.00000E+00	0.00000E+00
237	0.00000E+00	-2.52900E+00	0.00000E+00	-2.39400E+00	0.00000E+00	2.92501E-02
238	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	3.51601E-07
239	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0.00000E+00	-1.27011E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
241	0.00000E+00	-1.65325E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.06657E-01
242	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
243	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	0.00000E+00	-3.50100E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
245	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
246	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
247	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.33400E+00
248	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
249	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
250	0.00000E+00	-3.50100E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.16700E+00
251	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
252	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
253	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	7.03201E-07
254	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
255	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
256	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	3.51601E-07
257	0.00000E+00	-1.61158E+00	0.00000E+00	0.00000E+00	0.00000E+00	8.11784E-03
258	0.00000E+00	-1.45875E+00	0.00000E+00	0.00000E+00	0.00000E+00	-6.07813E-02
259	0.00000E+00	-1.85800E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.01344E-01
260	0.00000E+00	-1.65325E+00	0.00000E+00	0.00000E+00	0.00000E+00	-6.88863E-02
267	0.00000E+00	-2.59400E+00	0.00000E+00	2.39400E+00	0.00000E+00	1.01635E-07
270	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
273	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
276	0.00000E+00	-4.78800E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
279	0.00000E+00	-4.78800E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
285	0.00000E+00	-2.59400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	1.01635E-07
286	0.00000E+00	-2.33400E+00	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
287	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
288	0.00000E+00	-3.00451E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	0.00000E+00	-3.20925E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.00578E+00
290	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
291	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
292	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
293	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
294	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
295	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
296	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
297	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
298	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
299	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
300	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
301	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
302	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
303	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
304	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	0.00000E+00	-1.60000E+00	0.00000E+00	1.50000E+00	0.00000E+00	3.33333E-02
314	0.00000E+00	-3.00000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
317	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
320	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
323	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
329	0.00000E+00	-1.53500E+00	0.00000E+00	-1.50000E+00	0.00000E+00	4.08334E-03
330	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.16700E+00
331	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
332	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33400E+00
334	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33400E+00
337	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33400E+00
340	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
341	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
342	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33400E+00
343	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
345	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33400E+00
346	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.16700E+00
351	0.00000E+00	-6.00000E-01	0.00000E+00	1.58333E-01	0.00000E+00	0.00000E+00
353	0.00000E+00	-2.59400E+00	0.00000E+00	2.39400E+00	0.00000E+00	5.49376E-08
354	0.00000E+00	-2.54400E+00	0.00000E+00	2.39400E+00	0.00000E+00	2.49999E-02
355	0.00000E+00	-2.59400E+00	0.00000E+00	2.39400E+00	0.00000E+00	0.00000E+00
356	0.00000E+00	-2.59400E+00	0.00000E+00	2.39400E+00	0.00000E+00	-1.01635E-07
357	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
358	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
359	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
360	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
361	0.00000E+00	-4.78800E+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
362	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
363	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
364	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
365	0.00000E+00	-2.39400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00
366	0.00000E+00	-2.39400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00
367	0.00000E+00	-4.78800E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
368	0.00000E+00	-4.78800E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
369	0.00000E+00	-2.39400E+00	0.00000E+00	2.39400E+00	0.00000E+00	0.00000E+00
370	0.00000E+00	-2.39400E+00	0.00000E+00	2.39400E+00	0.00000E+00	0.00000E+00
371	0.00000E+00	-4.78800E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
372	0.00000E+00	-4.78800E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
373	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
374	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
375	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
376	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
377	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
378	0.00000E+00	-2.59400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	5.49376E-08
379	0.00000E+00	-2.59400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	-1.01635E-07
380	0.00000E+00	-2.55900E+00	0.00000E+00	-2.39400E+00	0.00000E+00	-1.92499E-02
381	0.00000E+00	-2.59400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	-1.01635E-07
383	0.00000E+00	-2.59400E+00	0.00000E+00	2.39400E+00	0.00000E+00	-1.01635E-07
384	0.00000E+00	-2.59400E+00	0.00000E+00	2.39400E+00	0.00000E+00	1.01635E-07
385	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
386	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
387	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
388	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
389	0.00000E+00	-4.78800E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
390	0.00000E+00	-4.78800E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
391	0.00000E+00	-4.78800E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
392	0.00000E+00	-4.78800E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
393	0.00000E+00	-2.59400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	-1.01635E-07
394	0.00000E+00	-2.55900E+00	0.00000E+00	-2.39400E+00	0.00000E+00	1.92501E-02
395	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
396	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
397	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
398	0.00000E+00	-4.78800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
399	0.00000E+00	-2.39400E+00	0.00000E+00	2.39400E+00	0.00000E+00	0.00000E+00
400	0.00000E+00	-2.39400E+00	0.00000E+00	2.39400E+00	0.00000E+00	0.00000E+00
401	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
402	0.00000E+00	-4.78800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
403	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
404	0.00000E+00	-4.78800E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
405	0.00000E+00	-2.59400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	-2.59400E+00	0.00000E+00	-2.39400E+00	0.00000E+00	0.00000E+00
412	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
419	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.64587E+00
420	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.64587E+00
421	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.64587E+00
422	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.64587E+00
423	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.64587E+00
424	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.64587E+00
425	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.64587E+00
426	0.00000E+00	-2.19450E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.64587E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
431	0.00000E+00	-9.99999E-02	0.00000E+00	0.00000E+00	0.00000E+00	-1.00001E-02
432	0.00000E+00	-9.99999E-02	0.00000E+00	0.00000E+00	0.00000E+00	9.99995E-03
435	0.00000E+00	-2.13950E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.60463E+00
436	0.00000E+00	-2.13950E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.60462E+00
437	0.00000E+00	-5.98500E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
438	0.00000E+00	-5.98501E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
439	0.00000E+00	-5.98500E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0.00000E+00	-1.79550E+00	0.00000E+00	-6.37276E-07	0.00000E+00	0.00000E+00
441	0.00000E+00	-5.98500E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
442	0.00000E+00	-5.98500E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
443	0.00000E+00	-5.98500E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0.00000E+00	-5.98500E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
445	0.00000E+00	-5.98501E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0.00000E+00	-1.79550E+00	0.00000E+00	3.07650E-07	0.00000E+00	0.00000E+00
447	0.00000E+00	-5.98501E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
448	0.00000E+00	-1.79550E+00	0.00000E+00	6.37276E-07	0.00000E+00	0.00000E+00
449	0.00000E+00	-1.58317E+00	0.00000E+00	0.00000E+00	0.00000E+00	9.80385E-01
450	0.00000E+00	-2.96519E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.38901E-01
451	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.00000E-01
452	0.00000E+00	-1.11720E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
453	0.00000E+00	-1.11720E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
459	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00	0.00000E+00	7.78001E-02
460	0.00000E+00	-3.73000E-01	0.00000E+00	-1.39875E-01	0.00000E+00	1.30550E-01
461	0.00000E+00	-1.86500E-01	0.00000E+00	1.39875E-01	0.00000E+00	0.00000E+00
462	0.00000E+00	-1.86500E-01	0.00000E+00	1.39875E-01	0.00000E+00	0.00000E+00
463	0.00000E+00	-3.73000E-01	0.00000E+00	-1.39875E-01	0.00000E+00	-1.30550E-01
466	0.00000E+00	-2.89571E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33074E-01
467	0.00000E+00	-2.89571E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.33074E-01
468	0.00000E+00	-3.39400E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 2
LOADTYPE NONE TITLE CM

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

X = 0.229686466E+02
Y = 0.545516977E+01
Z = 0.227732945E+02

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

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -1050.14
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 23915.26 MY= 0.00 MZ= -24120.40

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

SUMMATION FORCE-X = -0.00
 SUMMATION FORCE-Y = 1050.14
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -23915.25 MY= -0.00 MZ= 24120.40

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 2)

MAXIMUMS AT NODE
 X = 8.83260E-03 24
 Y = -2.08677E+00 377
 Z = -1.27532E-01 458
 RX= -5.53245E-03 380
 RY= -6.98295E-05 458
 RZ= -5.16785E-03 198

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	
	0.01	-1.72	-0.32	-0.42	-0.00	-0.02	111111
2	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.60	-6.34	0.17	-0.04	-0.00	0.68	111111
4	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.77	-3.31	0.24	0.21	-0.00	0.84	111111
5	0.00	-0.10	0.00	0.01	0.00	0.00	
	-0.01	0.10	0.32	-0.01	0.00	-0.00	000000
6	0.00	-2.00	0.00	1.33	0.00	0.00	
	0.60	2.00	-0.17	-1.33	0.00	0.00	000000
9	0.00	-3.00	0.00	0.00	0.00	0.00	
	4.71	3.00	0.14	-0.00	0.00	0.00	000000
12	0.00	-3.00	0.00	0.00	0.00	0.00	
	1.72	3.00	0.25	-0.00	0.00	-0.00	000000
15	0.00	-1.60	0.00	-1.50	0.00	-0.03	
	0.77	1.60	-0.24	1.50	0.00	0.03	000000
16	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.30	-3.47	-0.74	-1.01	-0.00	0.13	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	
	0.41	-24.66	-1.41	-1.84	-0.00	-0.61	111111
19	0.00	0.00	0.00	0.00	0.00	0.00	
	1.16	-27.61	1.66	1.99	-0.00	-1.38	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	0.21	-11.35	-0.19	-0.31	-0.00	-0.26	111111
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.26	-15.03	-0.16	-0.38	-0.00	0.33	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 94	
24	0.00	-1.50	0.00	0.00	0.00	-1.50	
	0.30	1.50	0.74	0.00	0.00	1.50	000000
27	0.00	-2.39	0.00	0.00	0.00	-2.39	
	-0.78	2.39	-3.20	-0.00	0.00	2.39	000000
30	0.00	-2.39	0.00	0.00	0.00	0.00	
	-1.33	2.39	-0.00	-0.00	0.00	-0.00	000000
33	0.00	-0.20	0.00	0.00	0.00	-0.02	
	-0.91	0.20	2.27	0.00	0.00	0.02	000000
36	0.00	-2.59	0.00	0.03	0.00	-2.36	
	-0.57	2.59	-0.73	-0.03	0.00	2.36	000000
39	0.00	-0.40	0.00	-0.00	0.00	-0.02	
	-0.55	0.40	0.24	0.00	0.00	0.02	000000
42	0.00	-2.59	0.00	-0.00	0.00	0.00	
	-4.16	2.59	0.03	0.00	0.00	-0.00	000000
45	0.00	-1.60	0.00	-0.03	0.00	-1.50	
	-0.21	1.60	0.94	0.03	0.00	1.50	000000
46	0.00	-1.17	0.00	0.00	0.00	-1.17	
	0.37	1.17	4.61	-0.00	-0.00	1.17	000000
49	0.00	-2.33	0.00	0.00	0.00	-2.33	
	1.33	2.33	0.00	-0.00	-0.00	2.33	000000
52	0.00	-1.17	0.00	0.00	0.00	-1.17	
	-0.25	1.17	-3.92	0.00	-0.00	1.17	000000
53	0.00	-1.17	0.00	0.00	0.00	-1.17	
	0.36	1.17	0.92	-0.00	-0.00	1.17	000000
56	0.00	-2.33	0.00	0.00	0.00	-2.33	
	0.81	2.33	-0.07	0.00	-0.00	2.33	000000
59	0.00	-2.33	0.00	0.00	0.00	-2.33	
	3.16	2.33	0.12	-0.00	-0.00	2.33	000000
62	0.00	-1.17	0.00	0.00	0.00	-1.17	
	0.44	1.17	-1.21	-0.00	-0.00	1.17	000000
69	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-6.98	-1.55	-1.90	-0.00	-0.24	111111
70	0.00	0.00	0.00	0.00	0.00	0.00	
	0.08	-36.20	-2.89	-3.40	-0.00	-0.16	111111
72	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.04	-35.17	2.78	2.98	-0.00	0.02	111111
73	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.03	-19.14	0.12	-0.02	-0.00	0.03	111111
74	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-42.91	-3.03	-3.56	-0.00	0.03	111111
75	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.06	-27.14	3.91	4.19	-0.00	0.12	111111
77	0.00	-3.00	0.00	0.00	0.00	-0.00	
	-0.13	3.00	1.55	-0.00	0.00	0.00	000000
80	0.00	-4.79	0.00	0.00	0.00	-0.00	

STAAD SPACE	-- PAGE NO. 95						
98	0.00	-3.00	0.00	0.00	0.00	-0.00	
	0.01	3.00	5.48	-0.00	0.00	0.00	000000
99	0.00	-2.33	0.00	0.00	0.00	-0.00	
	0.19	2.33	8.91	-0.00	-0.00	0.00	000000
102	0.00	-4.67	0.00	0.00	0.00	-0.00	
	0.49	4.67	-0.01	-0.00	-0.00	0.00	000000
105	0.00	-2.33	0.00	0.00	0.00	-0.00	
	0.16	2.33	-8.60	-0.00	-0.00	0.00	000000
106	0.00	-2.33	0.00	0.00	0.00	-0.00	
	0.06	2.33	1.33	0.00	-0.00	0.00	000000
109	0.00	-4.67	0.00	0.00	0.00	-0.00	
	0.10	4.67	5.84	0.00	-0.00	0.00	000000
112	0.00	-4.67	0.00	0.00	0.00	-0.00	
	1.72	4.67	0.14	0.00	-0.00	0.00	000000
115	0.00	-2.33	0.00	0.00	0.00	-0.00	
	0.05	2.33	-9.39	0.00	-0.00	0.00	000000
118	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-6.77	-1.22	-1.57	-0.00	-0.34	111111
119	0.00	0.00	0.00	0.00	0.00	0.00	
	0.21	-32.82	-2.39	-2.80	-0.00	-0.32	111111
121	0.00	0.00	0.00	0.00	0.00	0.00	
	0.31	-36.04	2.69	2.92	-0.00	-0.41	111111
122	0.00	0.00	0.00	0.00	0.00	0.00	
	0.37	-21.55	0.06	-0.04	-0.00	-0.47	111111
123	0.00	0.00	0.00	0.00	0.00	0.00	
	0.36	-37.63	-2.64	-3.08	-0.00	-0.45	111111
124	0.00	0.00	0.00	0.00	0.00	0.00	
	0.06	-20.78	3.30	3.57	-0.00	-0.03	111111
126	0.00	-3.00	0.00	0.00	0.00	0.00	
	-0.12	3.00	1.22	-0.00	0.00	-0.00	000000
129	0.00	-4.79	0.00	0.00	0.00	0.00	
	0.01	4.79	-5.61	-0.00	0.00	-0.00	000000
132	0.00	-4.79	0.00	0.00	0.00	0.00	
	1.60	4.79	-0.05	0.00	0.00	-0.00	000000
135	0.00	-2.59	0.00	0.00	0.00	2.38	
	-0.05	2.59	3.62	-0.00	0.00	-2.38	000000
138	0.00	-2.59	0.00	0.00	0.00	2.38	
	-0.54	2.59	-0.89	-0.00	0.00	-2.38	000000
141	0.00	-4.79	0.00	0.00	0.00	0.00	
	0.25	4.79	-2.65	0.00	0.00	-0.00	000000
144	0.00	-4.20	0.00	0.00	0.00	0.00	
	1.65	4.20	0.48	0.00	0.00	-0.00	000000
147	0.00	-2.30	0.00	0.00	0.00	1.07	
	0.17	2.30	4.19	-0.00	-0.02	-1.07	000000
148	0.00	-2.33	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 96	
166	0.00	-1.79	0.00	0.00	0.00	0.84	
	-0.17	1.79	-7.56	-0.00	0.13	-0.84	000000
167	0.00	0.00	0.00	0.00	0.00	0.00	
	0.55	-3.90	-0.84	-1.08	-0.00	-0.82	111111
168	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.34	-26.73	0.45	0.42	-0.00	1.60	111111
169	0.00	0.00	0.00	0.00	0.00	0.00	
	-4.62	-43.00	-0.04	-0.12	-0.00	5.71	111111
170	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.92	-38.07	-0.09	-0.19	-0.00	3.60	111111
171	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.17	-24.71	-0.11	-0.20	-0.00	3.95	111111
172	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.45	-51.46	-1.49	-1.75	-0.00	4.32	111111
173	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.30	1.09	-0.29	-0.40	-0.00	0.43	111111
174	0.00	-1.60	0.00	0.03	0.00	1.50	
	-0.55	1.60	0.84	-0.03	0.00	-1.50	000000
177	0.00	-2.59	0.00	-0.03	0.00	2.36	
	-2.04	2.59	-2.13	0.03	-0.00	-2.36	000000
180	0.00	-2.39	0.00	0.00	0.00	0.00	
	0.30	2.39	-0.10	0.00	-0.00	-0.00	000000
183	0.00	-0.20	0.00	0.00	0.00	0.02	
	-2.84	0.20	0.60	-0.00	-0.00	-0.02	000000
186	0.00	-0.20	0.00	0.00	0.00	0.02	
	1.49	0.20	-0.01	0.00	-0.00	-0.02	000000
189	0.00	-2.39	0.00	0.00	0.00	2.39	
	-3.28	2.39	-2.95	0.00	-0.00	-2.39	000000
192	0.00	-2.98	0.00	0.00	0.00	3.53	
	-3.50	2.98	3.58	0.00	-0.00	-3.53	000000
193	0.00	-0.85	0.00	0.00	0.00	0.00	
	0.01	0.85	0.59	0.00	0.02	-0.00	000000
194	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	0.00	0.58	0.00	-0.01	0.00	000000
195	0.00	-0.80	0.00	0.00	0.00	0.29	
	0.11	0.80	0.36	0.00	0.02	-0.29	000000
196	0.00	-2.33	0.00	0.00	0.00	-0.00	
	3.39	2.33	1.68	-0.00	-0.00	0.00	000000
199	0.00	-0.68	0.00	0.00	0.00	-0.09	
	4.31	0.68	0.13	-0.00	-0.00	0.09	000000
202	0.00	-3.50	0.00	0.00	0.00	1.17	
	5.76	3.50	-0.51	0.00	-0.00	-1.17	000000
205	0.00	-2.33	0.00	0.00	0.00	2.33	
	1.69	2.33	0.12	0.00	-0.00	-2.33	000000
208	0.00	-3.50	0.00	0.00	0.00	1.17	

STAAD SPACE						-- PAGE NO. 97	
222	0.00	-4.79	0.00	0.00	0.00	0.00	
	-0.14	4.79	-1.43	-0.00	0.00	0.00	000000
225	0.00	-4.79	0.00	-0.00	0.00	0.00	
	-0.16	4.79	0.96	0.00	0.00	0.00	000000
228	0.00	-2.99	0.00	-2.24	0.00	0.00	
	2.50	2.99	-0.37	2.24	0.00	-0.00	000000
231	0.00	-2.99	0.00	2.24	0.00	0.00	
	-0.10	2.99	-1.32	-2.24	-0.01	0.00	000000
237	0.00	-2.53	0.00	-2.39	0.00	0.03	
	-3.00	2.53	6.84	2.39	0.01	-0.03	000000
238	0.00	-2.33	0.00	0.00	0.00	0.00	
	0.12	2.33	3.50	0.00	-0.00	-0.00	000000
241	0.00	-1.65	0.00	0.00	0.00	0.21	
	0.14	1.65	1.44	-0.00	-0.00	-0.21	000000
244	0.00	-3.50	0.00	0.00	0.00	-1.17	
	0.16	3.50	-0.96	0.00	-0.00	1.17	000000
247	0.00	-2.33	0.00	0.00	0.00	-2.33	
	-2.50	2.33	0.38	0.00	-0.00	2.33	000000
250	0.00	-3.50	0.00	0.00	0.00	-1.17	
	0.10	3.50	3.07	-0.00	-0.00	1.17	000000
253	0.00	-4.67	0.00	0.00	0.00	0.00	
	6.01	4.67	-3.52	-0.00	-0.00	-0.00	000000
256	0.00	-2.33	0.00	0.00	0.00	0.00	
	6.08	2.33	-9.51	0.00	-0.00	-0.00	000000
261	0.00	0.00	0.00	0.00	0.00	0.00	
	1.60	-23.86	0.06	0.09	-0.00	-1.92	111111
262	0.00	0.00	0.00	0.00	0.00	0.00	
	3.17	-44.58	0.09	0.13	-0.00	-3.70	111111
263	0.00	0.00	0.00	0.00	0.00	0.00	
	2.85	-44.58	0.12	0.16	-0.00	-3.31	111111
264	0.00	0.00	0.00	0.00	0.00	0.00	
	3.16	-37.34	0.54	0.58	-0.00	-3.64	111111
265	0.00	0.00	0.00	0.00	0.00	0.00	
	4.47	-70.48	-3.47	-3.97	-0.00	-4.49	111111
267	0.00	-2.59	0.00	2.39	0.00	0.00	
	1.30	2.59	-2.16	-2.39	0.00	-0.00	000000
270	0.00	-4.79	0.00	0.00	0.00	0.00	
	1.70	4.79	-0.27	-0.00	0.00	0.00	000000
273	0.00	-4.79	0.00	-0.00	0.00	0.00	
	2.49	4.79	-0.44	0.00	0.00	0.00	000000
276	0.00	-4.79	0.00	0.00	0.00	0.00	
	1.20	4.79	0.06	-0.00	-0.00	-0.00	000000
279	0.00	-4.79	0.00	-0.00	0.00	0.00	
	4.24	4.79	-4.80	0.00	0.00	0.00	000000
285	0.00	-2.59	0.00	-2.39	0.00	0.00	

STAAD SPACE						-- PAGE NO. 98	
301	0.00	-4.67	0.00	0.00	0.00	0.00	
	-1.59	4.67	3.38	-0.00	-0.00	-0.00	000000
304	0.00	-2.33	0.00	0.00	0.00	0.00	
	0.60	2.33	-6.18	0.00	-0.00	0.00	000000
305	0.00	0.00	0.00	0.00	0.00	0.00	
	0.42	-5.33	0.12	0.22	-0.00	-0.57	111111
306	0.00	0.00	0.00	0.00	0.00	0.00	
	0.99	-13.19	0.20	0.29	-0.00	-1.20	111111
307	0.00	0.00	0.00	0.00	0.00	0.00	
	0.89	-12.46	0.21	0.31	-0.00	-1.07	111111
308	0.00	0.00	0.00	0.00	0.00	0.00	
	0.61	-11.31	0.32	0.41	-0.00	-0.72	111111
309	0.00	0.00	0.00	0.00	0.00	0.00	
	1.20	-22.80	-1.79	-1.72	-0.00	-1.36	111111
310	0.00	0.00	0.00	0.00	0.00	0.00	
	3.25	-26.07	2.56	2.68	-0.00	-3.66	111111
311	0.00	-1.60	0.00	1.50	0.00	0.03	
	-0.54	1.60	-1.33	-1.50	-0.00	-0.03	000000
314	0.00	-3.00	0.00	0.00	0.00	0.00	
	-0.41	3.00	-0.45	-0.00	-0.00	0.00	000000
317	0.00	-3.00	0.00	0.00	0.00	0.00	
	-0.45	3.00	-0.53	-0.00	-0.00	0.00	000000
320	0.00	-3.00	0.00	0.00	0.00	0.00	
	-0.08	3.00	-0.39	-0.00	-0.00	0.00	000000
323	0.00	-3.00	0.00	-0.00	0.00	0.00	
	-0.31	3.00	-2.45	0.00	0.01	-0.00	000000
329	0.00	-1.53	0.00	-1.50	0.00	0.00	
	3.05	1.53	2.39	1.50	-0.01	-0.00	000000
330	0.00	-1.17	0.00	0.00	0.00	1.17	
	0.12	1.17	1.21	-0.00	-0.00	-1.17	000000
333	0.00	-2.33	0.00	0.00	0.00	2.33	
	-0.59	2.33	0.25	0.00	-0.00	-2.33	000000
336	0.00	-2.33	0.00	0.00	0.00	2.33	
	-0.44	2.33	0.32	0.00	-0.00	-2.33	000000
339	0.00	-2.33	0.00	0.00	0.00	2.33	
	-0.54	2.33	0.08	-0.00	-0.00	-2.33	000000
342	0.00	-2.33	0.00	0.00	0.00	2.33	
	-0.88	2.33	4.09	0.00	-0.00	-2.33	000000
345	0.00	-2.33	0.00	0.00	0.00	2.33	
	-1.71	2.33	0.31	0.00	-0.00	-2.33	000000
348	0.00	-1.17	0.00	0.00	0.00	1.17	
	-6.29	1.17	-5.10	-0.00	-0.00	-1.17	000000
349	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.08	-42.09	4.42	5.06	-0.00	3.27	111111
352	0.00	0.00	0.00	0.00	0.00	0.00	

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
5	0.00000E+00	-4.50000E-02	0.00000E+00	3.75000E-03	0.00000E+00	0.00000E+00
6	0.00000E+00	-7.20000E-01	0.00000E+00	4.80000E-01	0.00000E+00	0.00000E+00
9	0.00000E+00	-1.08000E+00	0.00000E+00	1.31850E-07	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
15	0.00000E+00	-5.40000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00
24	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.40000E-01
25	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.08000E+00
28	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-7.50000E-03
34	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.08000E+00
37	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
39	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-7.50000E-03
40	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
44	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.40000E-01
46	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
47	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
49	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.20000E-01
50	0.00000E+00	-2.78077E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-2.78077E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
53	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
54	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.20000E-01
57	0.00000E+00	-2.27139E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-2.27139E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
59	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.20000E-01
60	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
61	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
63	0.00000E+00	-4.30861E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.10134E-01
64	0.00000E+00	-4.30861E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.10134E-01
65	0.00000E+00	-1.30018E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.44991E-03
66	0.00000E+00	-1.30018E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.44991E-03
67	0.00000E+00	-5.18808E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.75401E-01
68	0.00000E+00	-5.18808E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.75401E-01
77	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.31850E-07
78	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	-2.16000E+00	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
80	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.63700E-07
81	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
83	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-1.17000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.07250E+00
87	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.63700E-07
90	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-1.17000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.07250E+00
93	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.31850E-07
99	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-08
100	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.79001E-08
103	0.00000E+00	-8.62300E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
104	0.00000E+00	-8.62300E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-08
106	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-08
107	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.79001E-08
110	0.00000E+00	-4.71982E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-4.71982E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.79001E-08
113	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-08
116	0.00000E+00	-5.18808E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.75401E-01
117	0.00000E+00	-5.18808E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.75401E-01
126	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	4.39501E-08
127	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	8.79001E-08
130	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-1.17000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.07250E+00
136	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	-1.17000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.07250E+00
139	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
141	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	8.79001E-08
142	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-1.89483E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-1.51779E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	-1.51779E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	0.00000E+00	-8.28000E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.86400E-01
148	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.19750E-08
149	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
150	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
151	0.00000E+00	-4.55000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.17083E-01
152	0.00000E+00	-6.98077E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
153	0.00000E+00	-6.98077E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
154	0.00000E+00	-6.30000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
155	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	0.00000E+00	-6.30000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
158	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.39501E-08
161	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.39501E-08
164	0.00000E+00	-5.89840E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
165	0.00000E+00	-5.89840E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
166	0.00000E+00	-3.22000E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.50267E-01
174	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	5.40000E-01
175	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.08000E+00
178	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
179	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00	0.00000E+00	7.50001E-03
184	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
185	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
186	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00	0.00000E+00	7.50001E-03
187	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.08000E+00
190	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
192	0.00000E+00	-1.34517E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.59103E+00
193	0.00000E+00	-3.84534E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	-2.52000E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.17600E-01
196	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-6.59251E-08
197	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
198	0.00000E+00	-5.07500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.82292E-02
199	0.00000E+00	-1.22500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.53125E-02
200	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	0.00000E+00	-8.40000E-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
202	0.00000E+00	-6.30000E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.10000E-01
203	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.20000E-01
206	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
208	0.00000E+00	-6.30000E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.10000E-01
209	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.31850E-07
212	0.00000E+00	-5.69082E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-5.69082E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-3.08000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.64267E-01
215	0.00000E+00	-2.45000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.08333E-02
216	0.00000E+00	-2.45000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.08333E-02
217	0.00000E+00	-3.73944E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.45465E-02
218	0.00000E+00	-3.32500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.38543E-02
219	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
222	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
225	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
228	0.00000E+00	-1.35000E+00	0.00000E+00	-1.01250E+00	0.00000E+00	0.00000E+00
231	0.00000E+00	-1.35000E+00	0.00000E+00	1.01250E+00	0.00000E+00	0.00000E+00
237	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
238	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	6.59251E-08
239	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0.00000E+00	-2.28555E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
241	0.00000E+00	-2.97500E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.71877E-02
242	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
243	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	0.00000E+00	-6.30000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
245	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
246	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
247	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.20000E-01
248	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
249	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
250	0.00000E+00	-6.30000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.10000E-01
251	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
252	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
253	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.31850E-07
254	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
255	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
256	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	6.59251E-08
257	0.00000E+00	-2.90001E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.46079E-03
258	0.00000E+00	-2.62500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.09375E-02
259	0.00000E+00	-3.34344E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.62315E-02
260	0.00000E+00	-2.97500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.23960E-02
267	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
270	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
273	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
276	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
279	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
285	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
286	0.00000E+00	-4.20000E-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
287	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
288	0.00000E+00	-5.40657E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	0.00000E+00	-5.77500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.60937E-01
290	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
291	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
292	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
293	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
294	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
295	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
296	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
297	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
298	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
299	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
300	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
301	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
302	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
303	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
304	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	0.00000E+00	-5.40000E-01	0.00000E+00	5.40000E-01	0.00000E+00	0.00000E+00
314	0.00000E+00	-1.08000E+00	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
317	0.00000E+00	-1.08000E+00	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
320	0.00000E+00	-1.08000E+00	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
323	0.00000E+00	-1.08000E+00	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
329	0.00000E+00	-5.40000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00
330	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.10000E-01
331	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
332	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.20000E-01
334	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.20000E-01
337	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.20000E-01
340	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
341	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
342	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.20000E-01
343	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
345	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.20000E-01
346	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.10000E-01
351	0.00000E+00	-2.25000E-01	0.00000E+00	5.62500E-02	0.00000E+00	0.00000E+00
353	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
354	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
356	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
357	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
358	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
359	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
360	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
361	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
362	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
363	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
364	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
365	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
366	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
367	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
368	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
369	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
370	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
371	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
372	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
373	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
374	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
375	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
376	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
377	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
378	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
379	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
380	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
381	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
383	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
384	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
385	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
386	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
387	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
388	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
389	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
390	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
391	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
392	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
393	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
394	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
395	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
396	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
397	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
398	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
399	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
400	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
401	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
402	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
403	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
404	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
405	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
419	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-7.42500E-01
420	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-7.42500E-01
421	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	7.42500E-01
422	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	7.42500E-01
423	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-7.42500E-01
424	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	7.42500E-01
425	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-7.42500E-01
426	0.00000E+00	-9.90000E-01	0.00000E+00	0.00000E+00	0.00000E+00	7.42500E-01
435	0.00000E+00	-3.85000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.88750E-01

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
436	0.00000E+00	-3.85000E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.88750E-01
437	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
438	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
439	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0.00000E+00	-8.10000E-01	0.00000E+00	-2.91169E-07	0.00000E+00	0.00000E+00
441	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
442	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
443	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
445	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0.00000E+00	-8.10001E-01	0.00000E+00	1.42838E-07	0.00000E+00	0.00000E+00
447	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
448	0.00000E+00	-8.10000E-01	0.00000E+00	2.91169E-07	0.00000E+00	0.00000E+00
449	0.00000E+00	-7.14212E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.42279E-01
450	0.00000E+00	-1.33768E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.07775E-01
451	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.60000E-02
452	0.00000E+00	-5.04000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
453	0.00000E+00	-5.04000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
459	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.40000E-02
460	0.00000E+00	-4.60000E-01	0.00000E+00	-1.72500E-01	0.00000E+00	1.61000E-01
461	0.00000E+00	-2.30000E-01	0.00000E+00	1.72500E-01	0.00000E+00	0.00000E+00
462	0.00000E+00	-2.30000E-01	0.00000E+00	1.72500E-01	0.00000E+00	0.00000E+00
463	0.00000E+00	-4.60000E-01	0.00000E+00	-1.72500E-01	0.00000E+00	-1.61000E-01
466	0.00000E+00	-5.21079E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.19414E-02
467	0.00000E+00	-5.21079E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.19414E-02
468	0.00000E+00	-1.44000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 3
LOADTYPE NONE TITLE CVINST

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

X = 0.224134778E+02
Y = 0.472318725E+01
Z = 0.223273842E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 3)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -346.35
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 7733.09 MY= 0.00 MZ= -7762.91

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 3)
SUMMATION FORCE-X = -0.00
SUMMATION FORCE-Y = 346.35
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
 MX= -7733.09 MY= -0.00 MZ= 7762.91

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 3)
 MAXIMUMS AT NODE
 X = -4.83480E-03 348
 Y = -6.84886E-01 376
 Z = -3.80310E-02 458
 RX= -2.01281E-03 380
 RY= -2.10158E-05 460
 RZ= -1.19209E-03 198

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 0.00	0.00 -0.71	0.00 -0.13	0.00 -0.17	0.00 -0.00	0.00 -0.01	111111
2	0.00 -0.26	0.00 -2.59	0.00 0.10	0.00 0.03	0.00 -0.00	0.00 0.31	111111
4	0.00 -0.31	0.00 -1.25	0.00 0.09	0.00 0.08	0.00 -0.00	0.00 0.34	111111
5	0.00 -0.00	-0.05 0.05	0.00 0.13	0.00 -0.00	0.00 0.00	0.00 0.00	000000
6	0.00 0.26	-0.72 0.72	0.00 -0.10	0.48 -0.48	0.00 0.00	0.00 0.00	000000
9	0.00 1.92	-1.08 1.08	0.00 0.05	0.00 -0.00	0.00 0.00	0.00 -0.00	000000
12	0.00 0.76	-1.08 1.08	0.00 0.09	-0.00 0.00	0.00 0.00	0.00 -0.00	000000
15	0.00 0.31	-0.54 0.54	0.00 -0.09	-0.54 0.54	0.00 0.00	0.00 0.00	000000
16	0.00 -0.10	0.00 -1.50	0.00 -0.36	0.00 -0.48	0.00 -0.00	0.00 0.04	111111
17	0.00 0.15	0.00 -9.18	0.00 -0.46	0.00 -0.60	0.00 -0.00	0.00 -0.23	111111
19	0.00 0.50	0.00 -10.36	0.00 0.57	0.00 0.69	0.00 -0.00	0.00 -0.58	111111
20	0.00 0.06	0.00 -4.17	0.00 -0.06	0.00 -0.11	0.00 -0.00	0.00 -0.08	111111
21	0.00 -0.14	0.00 -4.57	0.00 -0.05	0.00 -0.13	0.00 -0.00	0.00 0.18	111111
22	0.00 0.30	0.00 -5.48	0.00 -0.06	0.00 -0.13	0.00 -0.00	0.00 -0.37	111111
23	0.00 -0.09	0.00 -2.19	0.00 0.17	0.00 0.10	0.00 -0.00	0.00 0.13	111111

STAAD SPACE

-- PAGE NO. 107

33	0.00	-0.09	0.00	0.00	0.00	-0.01	
	-0.30	0.09	0.68	-0.00	0.00	0.01	000000
36	0.00	-1.08	0.00	0.00	0.00	-1.08	
	-0.16	1.08	-0.16	-0.00	0.00	1.08	000000
42	0.00	-1.08	0.00	0.00	0.00	0.00	
	-1.25	1.08	0.02	0.00	0.00	0.00	000000
45	0.00	-0.54	0.00	0.00	0.00	-0.54	
	-0.05	0.54	0.14	0.00	0.00	0.54	000000
46	0.00	-0.21	0.00	0.00	0.00	-0.21	
	0.09	0.21	1.44	-0.00	-0.00	0.21	000000
49	0.00	-0.42	0.00	0.00	0.00	-0.42	
	0.33	0.42	0.02	-0.00	-0.00	0.42	000000
52	0.00	-0.21	0.00	0.00	0.00	-0.21	
	-0.19	0.21	-1.25	0.00	-0.00	0.21	000000
53	0.00	-0.21	0.00	0.00	0.00	-0.21	
	0.10	0.21	0.23	0.00	-0.00	0.21	000000
56	0.00	-0.42	0.00	0.00	0.00	-0.42	
	0.24	0.42	-0.00	-0.00	-0.00	0.42	000000
59	0.00	-0.42	0.00	0.00	0.00	-0.42	
	0.95	0.42	0.04	-0.00	-0.00	0.42	000000
62	0.00	-0.21	0.00	0.00	0.00	-0.21	
	0.13	0.21	-0.31	-0.00	-0.00	0.21	000000
69	0.00	0.00	0.00	0.00	0.00	0.00	
	0.05	-2.93	-0.72	-0.87	-0.00	-0.09	111111
70	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-12.58	-0.95	-1.12	-0.00	-0.06	111111
72	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-12.35	0.92	0.98	-0.00	0.00	111111
73	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-7.08	-0.00	-0.06	-0.00	0.00	111111
74	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-13.55	-0.95	-1.12	-0.00	-0.00	111111
75	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-8.37	1.42	1.53	-0.00	0.04	111111
77	0.00	-1.08	0.00	0.00	0.00	-0.00	
	-0.05	1.08	0.72	-0.00	0.00	0.00	000000
80	0.00	-2.16	0.00	0.00	0.00	-0.00	
	-0.11	2.16	-1.68	-0.00	0.00	0.00	000000
83	0.00	-2.16	0.00	0.00	0.00	0.00	
	-0.14	2.16	-0.05	0.00	0.00	0.00	000000
86	0.00	-1.17	0.00	0.00	0.00	-1.07	
	-0.06	1.17	1.68	-0.00	0.00	1.07	000000
89	0.00	-2.16	0.00	0.00	0.00	-0.00	
	-0.03	2.16	-0.21	-0.00	0.00	0.00	000000
92	0.00	-1.17	0.00	0.00	0.00	-1.07	

STAAD SPACE						-- PAGE NO. 108	
106	0.00	-0.42	0.00	0.00	0.00	-0.00	
	0.04	0.42	0.22	0.00	-0.00	0.00	000000
109	0.00	-0.84	0.00	0.00	0.00	-0.00	
	0.05	0.84	1.87	-0.00	-0.00	0.00	000000
112	0.00	-0.84	0.00	0.00	0.00	-0.00	
	0.56	0.84	0.05	0.00	-0.00	0.00	000000
115	0.00	-0.42	0.00	0.00	0.00	-0.00	
	0.04	0.42	-2.84	0.00	-0.00	0.00	000000
118	0.00	0.00	0.00	0.00	0.00	0.00	
	0.05	-2.83	-0.57	-0.73	-0.00	-0.13	111111
119	0.00	0.00	0.00	0.00	0.00	0.00	
	0.07	-11.52	-0.76	-0.90	-0.00	-0.11	111111
121	0.00	0.00	0.00	0.00	0.00	0.00	
	0.11	-11.84	0.87	0.94	-0.00	-0.15	111111
122	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-7.28	0.01	-0.03	-0.00	-0.16	111111
123	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-11.82	-0.83	-0.97	-0.00	-0.15	111111
124	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-6.48	1.17	1.27	-0.00	-0.01	111111
126	0.00	-1.08	0.00	0.00	0.00	0.00	
	-0.05	1.08	0.57	-0.00	0.00	-0.00	000000
129	0.00	-2.16	0.00	0.00	0.00	0.00	
	-0.02	2.16	-1.54	0.00	0.00	-0.00	000000
132	0.00	-2.16	0.00	0.00	0.00	0.00	
	0.51	2.16	-0.03	0.00	0.00	0.00	000000
135	0.00	-1.17	0.00	0.00	0.00	1.07	
	0.00	1.17	1.03	0.00	0.00	-1.07	000000
138	0.00	-1.17	0.00	0.00	0.00	1.07	
	-0.16	1.17	-0.18	-0.00	0.00	-1.07	000000
141	0.00	-2.16	0.00	0.00	0.00	0.00	
	0.07	2.16	-0.85	0.00	0.00	-0.00	000000
144	0.00	-1.89	0.00	0.00	0.00	0.00	
	0.52	1.89	0.14	-0.00	0.00	0.00	000000
147	0.00	-0.83	0.00	0.00	0.00	0.39	
	0.00	0.83	1.10	-0.00	-0.00	-0.39	000000
148	0.00	-0.42	0.00	0.00	0.00	0.00	
	-0.06	0.42	2.31	0.00	-0.00	-0.00	000000
151	0.00	-0.45	0.00	0.00	0.00	0.42	
	-0.51	0.45	0.03	-0.00	-0.00	-0.42	000000
154	0.00	-0.63	0.00	0.00	0.00	-0.21	
	-0.11	0.63	-1.89	-0.00	-0.00	0.21	000000
157	0.00	-0.63	0.00	0.00	0.00	-0.21	
	0.03	0.63	0.18	-0.00	-0.00	0.21	000000
160	0.00	-0.84	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 109	
170	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.03	-12.56	-0.01	-0.03	-0.00	1.27	111111
171	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.12	-8.68	-0.05	-0.08	-0.00	1.39	111111
172	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.17	-16.72	-0.47	-0.55	-0.00	1.47	111111
173	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.12	0.14	-0.08	-0.12	-0.00	0.17	111111
174	0.00	-0.54	0.00	0.00	0.00	0.54	
	-0.20	0.54	0.33	-0.00	0.00	-0.54	000000
177	0.00	-1.08	0.00	0.00	0.00	1.08	
	-0.65	1.08	-0.42	0.00	-0.00	-1.08	000000
183	0.00	-0.09	0.00	0.00	0.00	0.01	
	-1.01	0.09	0.07	-0.00	-0.00	-0.01	000000
186	0.00	-0.09	0.00	0.00	0.00	0.01	
	0.41	0.09	-0.01	0.00	-0.00	-0.01	000000
189	0.00	-1.08	0.00	0.00	0.00	1.08	
	-1.15	1.08	-0.82	0.00	-0.00	-1.08	000000
192	0.00	-1.35	0.00	0.00	0.00	1.59	
	-1.07	1.35	1.07	0.00	-0.00	-1.59	000000
193	0.00	-0.38	0.00	0.00	0.00	0.00	
	0.00	0.38	0.17	0.00	0.01	-0.00	000000
194	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-0.00	0.16	-0.00	-0.00	0.00	000000
195	0.00	-0.25	0.00	0.00	0.00	0.12	
	0.05	0.25	0.11	0.00	0.01	-0.12	000000
196	0.00	-0.42	0.00	0.00	0.00	-0.00	
	1.04	0.42	0.32	0.00	-0.00	0.00	000000
199	0.00	-0.12	0.00	0.00	0.00	-0.02	
	1.52	0.12	0.06	0.00	-0.00	0.02	000000
202	0.00	-0.63	0.00	0.00	0.00	0.21	
	2.03	0.63	-0.06	0.00	-0.00	-0.21	000000
205	0.00	-0.42	0.00	0.00	0.00	0.42	
	0.71	0.42	0.06	-0.00	-0.00	-0.42	000000
208	0.00	-0.63	0.00	0.00	0.00	0.21	
	2.32	0.63	1.29	-0.00	-0.00	-0.21	000000
211	0.00	-0.84	0.00	0.00	0.00	-0.00	
	0.22	0.84	-1.07	-0.00	-0.00	0.00	000000
212	0.00	-0.57	0.00	0.00	0.00	0.00	
	0.02	0.57	-0.26	-0.00	-0.01	-0.00	000000
213	0.00	-0.57	0.00	0.00	0.00	0.00	
	-0.01	0.57	-0.26	-0.00	-0.02	-0.00	000000
219	0.00	-1.08	0.00	1.08	0.00	0.00	
	-0.05	1.08	-1.08	-1.08	0.00	0.00	000000
222	0.00	-2.16	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 110	
247	0.00	-0.42	0.00	0.00	0.00	-0.42	
	-0.94	0.42	0.14	-0.00	-0.00	0.42	000000
250	0.00	-0.63	0.00	0.00	0.00	-0.21	
	0.05	0.63	0.86	0.00	-0.00	0.21	000000
253	0.00	-0.84	0.00	0.00	0.00	0.00	
	1.91	0.84	-1.17	0.00	-0.00	-0.00	000000
256	0.00	-0.42	0.00	0.00	0.00	0.00	
	1.89	0.42	-2.95	0.00	-0.00	-0.00	000000
261	0.00	0.00	0.00	0.00	0.00	0.00	
	0.49	-7.16	-0.08	-0.06	-0.00	-0.60	111111
262	0.00	0.00	0.00	0.00	0.00	0.00	
	1.02	-14.37	0.05	0.08	-0.00	-1.19	111111
263	0.00	0.00	0.00	0.00	0.00	0.00	
	0.96	-14.44	0.05	0.07	-0.00	-1.11	111111
264	0.00	0.00	0.00	0.00	0.00	0.00	
	1.11	-12.30	0.18	0.20	-0.00	-1.28	111111
265	0.00	0.00	0.00	0.00	0.00	0.00	
	1.49	-22.75	-1.08	-1.23	-0.00	-1.50	111111
267	0.00	-1.08	0.00	1.08	0.00	0.00	
	0.38	1.08	-0.41	-1.08	0.00	0.00	000000
270	0.00	-2.16	0.00	0.00	0.00	0.00	
	0.55	2.16	-0.13	-0.00	0.00	-0.00	000000
273	0.00	-2.16	0.00	-0.00	0.00	0.00	
	0.84	2.16	-0.16	0.00	0.00	0.00	000000
276	0.00	-2.16	0.00	0.00	0.00	0.00	
	0.41	2.16	-0.00	-0.00	-0.00	0.00	000000
279	0.00	-2.16	0.00	-0.00	0.00	0.00	
	1.41	2.16	-1.51	0.00	0.00	0.00	000000
285	0.00	-1.08	0.00	-1.08	0.00	0.00	
	-0.21	1.08	1.35	1.08	-0.00	-0.00	000000
286	0.00	-0.42	0.00	0.00	0.00	0.00	
	-0.87	0.42	0.49	-0.00	-0.00	0.00	000000
289	0.00	-0.58	0.00	0.00	0.00	-0.36	
	-1.57	0.58	0.08	0.00	-0.00	0.36	000000
292	0.00	-0.84	0.00	0.00	0.00	0.00	
	-1.79	0.84	0.10	-0.00	-0.00	0.00	000000
295	0.00	-0.84	0.00	0.00	0.00	0.00	
	-1.53	0.84	-0.18	-0.00	-0.00	0.00	000000
298	0.00	-0.84	0.00	0.00	0.00	0.00	
	-2.90	0.84	2.07	0.00	-0.00	-0.00	000000
301	0.00	-0.84	0.00	0.00	0.00	0.00	
	-0.56	0.84	1.03	0.00	0.00	0.00	000000
304	0.00	-0.42	0.00	0.00	0.00	0.00	
	0.21	0.42	-1.87	-0.00	-0.00	0.00	000000
305	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE

-- PAGE NO. 111

311	0.00	-0.54	0.00	0.54	0.00	0.00	
	-0.24	0.54	-0.30	-0.54	-0.00	0.00	000000
314	0.00	-1.08	0.00	0.00	0.00	0.00	
	-0.30	1.08	-0.18	-0.00	-0.00	-0.00	000000
317	0.00	-1.08	0.00	-0.00	0.00	0.00	
	-0.32	1.08	-0.19	0.00	-0.00	0.00	000000
320	0.00	-1.08	0.00	0.00	0.00	0.00	
	-0.19	1.08	-0.15	-0.00	-0.00	-0.00	000000
323	0.00	-1.08	0.00	-0.00	0.00	0.00	
	-0.27	1.08	-0.78	0.00	0.00	0.00	000000
329	0.00	-0.54	0.00	-0.54	0.00	0.00	
	0.87	0.54	0.58	0.54	-0.00	-0.00	000000
330	0.00	-0.21	0.00	0.00	0.00	0.21	
	0.05	0.21	0.29	0.00	-0.00	-0.21	000000
333	0.00	-0.42	0.00	0.00	0.00	0.42	
	-0.21	0.42	0.09	0.00	-0.00	-0.42	000000
336	0.00	-0.42	0.00	0.00	0.00	0.42	
	-0.14	0.42	0.10	-0.00	-0.00	-0.42	000000
339	0.00	-0.42	0.00	0.00	0.00	0.42	
	-0.16	0.42	0.03	-0.00	-0.00	-0.42	000000
342	0.00	-0.42	0.00	0.00	0.00	0.42	
	-0.29	0.42	1.27	-0.00	-0.00	-0.42	000000
345	0.00	-0.42	0.00	0.00	0.00	0.42	
	-0.50	0.42	0.09	0.00	-0.00	-0.42	000000
348	0.00	-0.21	0.00	0.00	0.00	0.21	
	-1.92	0.21	-1.47	-0.00	-0.00	-0.21	000000
349	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.94	-13.08	1.55	1.77	-0.00	1.01	111111
352	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.76	-3.37	-0.09	-0.18	-0.00	0.94	111111
382	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.92	-4.10	-0.05	-0.10	-0.00	2.12	111111
454	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.73	-0.00	-0.00	-0.00	0.00	111111
455	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	-5.37	0.14	0.18	-0.00	0.00	111111
456	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	-9.66	0.16	0.20	-0.00	0.00	111111

FOR LOADING - 4

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
63	0.00000E+00	-9.44000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-1.25867E-02
64	0.00000E+00	-9.44000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-1.25867E-02
65	0.00000E+00	-9.44000E-02	0.00000E+00	0.00000E+00	0.00000E+00	1.25867E-02
66	0.00000E+00	-9.44000E-02	0.00000E+00	0.00000E+00	0.00000E+00	1.25867E-02
67	0.00000E+00	-5.00443E-02	0.00000E+00	0.00000E+00	0.00000E+00	-4.74461E-03
68	0.00000E+00	-5.00443E-02	0.00000E+00	0.00000E+00	0.00000E+00	-4.74461E-03
103	0.00000E+00	-1.93911E-01	0.00000E+00	4.00000E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
240	0.00000E+00	-2.60627E+00	0.00000E+00	6.10000E-01	0.00000E+00	0.00000E+00
241	0.00000E+00	-2.83100E+00	0.00000E+00	-6.10000E-01	0.00000E+00	-2.91958E-01
257	0.00000E+00	-3.05573E+00	0.00000E+00	6.10000E-01	0.00000E+00	3.93270E-01
258	0.00000E+00	-2.83100E+00	0.00000E+00	-6.10000E-01	0.00000E+00	2.91958E-01
259	0.00000E+00	-3.41807E+00	0.00000E+00	6.10000E-01	0.00000E+00	-6.77396E-01
260	0.00000E+00	-3.11700E+00	0.00000E+00	-6.10000E-01	0.00000E+00	-4.82626E-01
288	0.00000E+00	-2.81594E+00	0.00000E+00	6.10000E-01	0.00000E+00	0.00000E+00
289	0.00000E+00	-3.11700E+00	0.00000E+00	-6.10000E-01	0.00000E+00	4.82626E-01

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 4
LOADTYPE NONE TITLE EQUIPOS

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

X = 0.302047472E+02
Y = 0.764999963E+01
Z = 0.112863407E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 4)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -37.23
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 420.14 MY= 0.00 MZ= -1124.39

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 4)
SUMMATION FORCE-X = -0.00
SUMMATION FORCE-Y = 37.23
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -420.14 MY= -0.00 MZ= 1124.39

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 4)
MAXIMUMS AT NODE
X = 2.84603E-03 348
Y = -1.44186E+00 217
Z = -7.08175E-03 330
RX= -6.25971E-03 260
RY= 2.04421E-06 458
RZ= -6.76353E-03 198

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

STAAD SPACE							-- PAGE NO. 113	
70	0.00	0.00	0.00	0.00	0.00	0.00		
	0.00	-0.19	-0.03	-0.05	0.00	-0.00	111111	
72	0.00	0.00	0.00	0.00	0.00	0.00		
	0.00	-0.39	0.01	-0.01	0.00	-0.00	111111	
74	0.00	0.00	0.00	0.00	0.00	0.00		
	0.00	-0.22	-0.00	-0.02	0.00	-0.01	111111	
83	0.00	0.00	0.00	0.00	0.00	0.00		
	0.01	0.00	-0.14	0.00	0.00	0.00	000000	
86	0.00	0.00	0.00	0.00	0.00	0.00		
	0.00	-0.00	0.11	0.00	0.00	0.00	000000	
92	0.00	0.00	0.00	0.00	0.00	0.00		
	0.01	0.00	-0.13	0.00	0.00	0.00	000000	
102	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.01	-0.00	0.14	0.00	-0.00	-0.00	000000	
105	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.00	-0.00	-0.12	-0.00	-0.00	0.00	000000	
109	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.01	-0.00	0.13	0.00	-0.00	-0.00	000000	
119	0.00	0.00	0.00	0.00	0.00	0.00		
	0.03	0.62	0.05	0.04	0.00	-0.03	111111	
121	0.00	0.00	0.00	0.00	0.00	0.00		
	0.02	0.47	-0.05	-0.07	0.00	-0.03	111111	
132	0.00	0.00	0.00	0.00	0.00	0.00		
	0.12	-0.00	-0.07	0.00	0.00	-0.00	000000	
135	0.00	0.00	0.00	0.00	0.00	0.00		
	0.04	0.00	-0.12	0.00	0.00	-0.00	000000	
151	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.12	0.00	0.07	0.00	-0.00	0.00	000000	
154	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.06	-0.00	0.17	0.00	-0.00	-0.00	000000	
168	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.40	-3.79	0.11	0.10	0.00	0.49	111111	
169	0.00	0.00	0.00	0.00	0.00	0.00		
	-1.16	-11.52	-0.14	-0.18	0.00	1.44	111111	
170	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.29	-1.72	0.04	0.01	0.00	0.36	111111	
177	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.50	0.00	-0.72	-0.00	0.00	-0.00	000000	
180	0.00	0.00	0.00	0.00	0.00	0.00		
	-1.71	0.00	0.79	0.00	0.00	-0.00	000000	
183	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.32	0.00	-0.14	0.00	0.00	-0.00	000000	
196	0.00	0.00	0.00	0.00	0.00	0.00		
	0.89	-0.00	0.60	0.00	-0.00	-0.00	000000	
199	0.00	0.00	0.00	0.00	0.00	0.00		

STAAD SPACE

-- PAGE NO. 114

238	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	0.00	2.07	-0.00	-0.00	-0.00	000000
241	0.00	-2.83	0.00	-0.61	0.00	-0.29	
	0.07	2.83	-1.94	0.61	-0.00	0.29	000000
244	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-0.00	-2.02	0.00	-0.00	-0.00	000000
247	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.04	-0.00	-0.21	0.00	-0.00	-0.00	000000
261	0.00	0.00	0.00	0.00	0.00	0.00	
	0.42	-4.39	0.20	0.16	0.00	-0.48	111111
262	0.00	0.00	0.00	0.00	0.00	0.00	
	1.10	-15.75	-0.25	-0.29	0.00	-1.26	111111
263	0.00	0.00	0.00	0.00	0.00	0.00	
	0.34	-1.66	0.06	0.02	0.00	-0.39	111111
267	0.00	0.00	0.00	0.00	0.00	0.00	
	0.45	-0.00	-1.07	0.00	0.00	-0.00	000000
270	0.00	0.00	0.00	0.00	0.00	0.00	
	1.53	0.00	1.44	0.00	0.00	0.00	000000
273	0.00	0.00	0.00	0.00	0.00	0.00	
	0.29	0.00	-0.20	0.00	0.00	-0.00	000000
286	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.87	0.00	0.87	-0.00	-0.00	-0.00	000000
289	0.00	-3.12	0.00	-0.61	0.00	0.48	
	-2.63	3.12	-1.19	0.61	-0.00	-0.48	000000
292	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.62	-0.00	0.14	0.00	-0.00	-0.00	000000
305	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.04	0.37	0.01	-0.03	0.00	0.04	111111
306	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.05	0.86	-0.00	-0.04	0.00	0.06	111111
307	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.03	0.22	-0.00	-0.04	0.00	0.03	111111
314	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.25	0.00	-0.10	0.00	-0.00	0.00	000000
323	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-0.00	-0.13	-0.00	0.00	0.00	000000
329	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-0.00	-0.11	-0.00	-0.00	0.00	000000
330	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-0.00	0.06	0.00	-0.00	0.00	000000
333	0.00	0.00	0.00	0.00	0.00	0.00	
	0.30	0.00	0.10	0.00	-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
415	0.00000E+00	-2.17500E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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

X = 0.269999997E+02
 Y = 0.382499981E+01
 Z = 0.270000001E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 5)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -12.30
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 332.10 MY= 0.00 MZ= -332.10

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 5)

SUMMATION FORCE-X = -0.00
 SUMMATION FORCE-Y = 12.30
 SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -332.10 MY= -0.00 MZ= 332.10

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 5)

MAXIMUMS AT NODE
 X = 1.56075E-03 45
 Y = -4.14361E-01 438
 Z = 8.37020E-04 62
 RX= -1.08595E-03 370
 RY= 1.12583E-06 376
 RZ= -5.13096E-04 365

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	
122	0.00	0.00	0.00	0.00	0.00	0.00		
	0.10	0.25	0.00	0.01	0.00	-0.14	111111	
123	0.00	0.00	0.00	0.00	0.00	0.00		
	0.11	0.56	0.00	0.01	0.00	-0.15	111111	
170	0.00	0.00	0.00	0.00	0.00	0.00		
	0.01	-0.10	-0.00	-0.00	0.00	-0.02	111111	
171	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.91	-4.42	-0.01	-0.00	0.00	1.13	111111	
172	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.82	-5.55	0.01	0.01	0.00	1.01	111111	
183	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.13	0.00	0.00	0.00	-0.00	-0.00	000000	
186	0.00	0.00	0.00	0.00	0.00	0.00		
	0.24	-0.00	0.00	0.00	-0.00	-0.00	000000	

STAAD SPACE							-- PAGE NO. 116	
189	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.26	0.00	0.01	0.00	-0.00	0.00	000000	
192	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.20	-0.00	0.01	0.00	-0.00	0.00	000000	
202	0.00	0.00	0.00	0.00	0.00	0.00		
	0.12	0.00	0.00	0.00	0.00	-0.00	000000	
205	0.00	0.00	0.00	0.00	0.00	0.00		
	0.68	-0.00	0.01	-0.00	0.00	0.00	000000	
208	0.00	0.00	0.00	0.00	0.00	0.00		
	1.08	0.00	-0.02	0.00	0.00	0.00	000000	
225	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.05	0.00	-0.65	-0.00	-0.00	0.00	000000	
228	0.00	0.00	0.00	0.00	0.00	0.00		
	0.96	-0.00	-0.32	-0.00	-0.00	-0.00	000000	
231	0.00	0.00	0.00	0.00	0.00	0.00		
	0.61	-0.00	0.57	-0.00	-0.00	0.00	000000	
237	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.13	0.00	0.19	0.00	0.00	-0.00	000000	
244	0.00	0.00	0.00	0.00	0.00	0.00		
	0.05	-0.00	0.65	0.00	0.00	0.00	000000	
247	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.96	-0.00	0.32	-0.00	0.00	0.00	000000	
250	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.61	-0.00	-0.41	-0.00	0.00	0.00	000000	
253	0.00	0.00	0.00	0.00	0.00	0.00		
	0.15	-0.00	-0.33	-0.00	0.00	0.00	000000	
263	0.00	0.00	0.00	0.00	0.00	0.00		
	0.11	-0.44	-0.01	-0.01	0.00	-0.14	111111	
264	0.00	0.00	0.00	0.00	0.00	0.00		
	0.33	-1.31	-0.01	-0.01	0.00	-0.40	111111	
265	0.00	0.00	0.00	0.00	0.00	0.00		
	0.37	-1.60	-0.02	-0.02	0.00	-0.41	111111	
276	0.00	0.00	0.00	0.00	0.00	0.00		
	0.18	-0.00	0.02	-0.00	0.00	-0.00	000000	
279	0.00	0.00	0.00	0.00	0.00	0.00		
	0.38	0.00	-0.00	-0.00	-0.00	0.00	000000	
292	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.12	-0.00	-0.01	0.00	0.00	0.00	000000	
295	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.51	0.00	-0.01	-0.00	0.00	0.00	000000	
298	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.74	-0.00	0.02	0.00	0.00	0.00	000000	
308	0.00	0.00	0.00	0.00	0.00	0.00		
	0.00	0.20	-0.01	-0.02	0.00	-0.02	111111	
309	0.00	0.00	0.00	0.00	0.00	0.00		

STAAD SPACE

-- PAGE NO. 117

LOAD COMBINATION NO. 9

1.0(PP+CM+EQ+AR+CVINST+SX+0.3SZ)

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	1.00	0.30	1.00

LOAD COMBINATION NO. 10

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	1.00	-0.30	1.00

LOAD COMBINATION NO. 11

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	-1.00	0.30	1.00

LOAD COMBINATION NO. 12

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	-1.00	-0.30	1.00

LOAD COMBINATION NO. 13

1.0(PP+CM+EQ+AR+CVINST+0.3SX+SZ)

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	0.30	1.00	1.00

LOAD COMBINATION NO. 14

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	0.30	-1.00	1.00

LOAD COMBINATION NO. 15

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	-0.30	1.00	1.00

LOAD COMBINATION NO. 16

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.00	1.00	1.00	1.00	-0.30	-1.00	1.00

LOAD COMBINATION NO. 17

1.1(PP+CM+EQ+AR+CVINST)

LOADING-	1.	2.	3.	5.	4.
FACTOR -	1.10	1.10	1.10	1.10	1.10

STAAD SPACE

-- PAGE NO. 118

LOAD COMBINATION NO. 18

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	1.10	0.33	1.10

LOAD COMBINATION NO. 19

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

LOADING-	1.	2.	5.	3.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	1.10	-0.33	1.10

LOAD COMBINATION NO. 20

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

LOADING-	1.	2.	3.	5.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	-1.10	0.33	1.10

LOAD COMBINATION NO. 21

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

LOADING-	1.	2.	3.	5.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	-1.10	-0.33	1.10

LOAD COMBINATION NO. 22

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

LOADING-	1.	2.	3.	5.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	0.33	1.10	1.10

LOAD COMBINATION NO. 23

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

LOADING-	1.	2.	3.	5.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	0.33	-1.10	1.10

LOAD COMBINATION NO. 24

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

LOADING-	1.	2.	3.	5.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	-0.33	1.10	1.10

LOAD COMBINATION NO. 25

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

LOADING-	1.	2.	3.	5.	6.	7.	4.
FACTOR -	1.10	1.10	1.10	1.10	-0.33	-1.10	1.10

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

839. PARAMETER 1

840. CODE LRFD

841. FU 42184.4 ALL

842. FYLD 35150.7 ALL

STAAD SPACE

-- PAGE NO. 119

- 843. KX 1 ALL
- 844. KY 1 ALL
- 845. KZ 1 ALL
- 846. 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 TUB808010		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.345	22
		6.01 C	2.41	5.77	0.00
2	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.610	21
		3.21 C	-32.62	-25.37	0.00
4	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.626	21
		3.30 T	-12.18	-68.62	0.00
15	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.644	22
		0.91 C	4.24	14.52	0.00
18	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.918	22
		1.45 C	4.48	30.26	0.00
21	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.740	18
		2.95 C	2.51	30.89	0.00
24	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.788	18
		1.61 C	2.38	34.88	0.00
25	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.569	21
		1.56 T	-12.84	-58.88	0.00
26	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.651	21
		37.89 C	-14.95	-63.49	0.00
28	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.716	18
		53.72 C	15.09	71.55	0.00
29	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.654	21
		17.54 C	-12.19	-71.32	0.00
30	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.626	18
		38.83 C	32.90	24.02	0.00
31	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.588	18
		35.25 C	30.09	24.25	0.00
32	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.684	18
		35.90 C	47.79	27.21	0.00
33	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.288	22
		0.00 C	0.00	18.12	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
34	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.152	25
			-0.00	-9.57	0.00
35	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.455	25
			0.00	28.58	2.00
36	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.496	22
			0.00	47.79	0.00
37	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.163	22
			0.00	-15.75	2.00
38	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.363	22
			0.00	-35.04	2.00
39	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.379	25
			0.00	-36.58	0.00
40	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.177	25
			0.00	-17.03	0.00
41	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.494	25
			0.00	47.64	2.00
42	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.401	22
			0.00	25.23	0.00
43	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.113	22
			0.00	-7.11	2.00
44	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.266	25
			0.00	16.73	2.00
45	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.342	22
			0.00	21.52	0.00
46	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.153	22
			0.00	-9.64	2.00
47	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.372	25
			0.00	23.41	2.00
48	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.405	22
			0.00	25.46	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
49	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.149	25
			0.00	-9.33	0.00
50	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.393	25
			0.00	24.69	2.00
51	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.426	22
			0.00	26.78	0.00
52	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.180	22
			0.00	-11.32	2.00
53	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.433	25
			0.00	27.21	2.00
54	ST W14X159	PASS	(AISC SECTIONS)		
		4.41 C	LRFD-H1-1B-C	0.466	25
			27.92	13.20	3.82
55	ST W14X159	PASS	(AISC SECTIONS)		
		0.51 T	LRFD-H1-1B-T	0.342	25
			18.48	14.02	3.82
56	ST W14X159	PASS	(AISC SECTIONS)		
		14.16 C	LRFD-H1-1B-C	0.433	22
			-28.78	-5.72	3.82
57	ST W14X159	PASS	(AISC SECTIONS)		
		1.47 C	LRFD-H1-1B-C	0.314	25
			19.40	7.88	3.82
58	ST W14X159	PASS	(AISC SECTIONS)		
		6.47 C	LRFD-H1-1B-C	0.282	21
			15.62	10.14	3.82
59	ST W14X159	PASS	(AISC SECTIONS)		
		10.75 C	LRFD-H1-1B-C	0.440	21
			-26.59	-11.39	0.00
60	ST W14X193	PASS	(AISC SECTIONS)		
		1.80 T	LRFD-H1-1B-T	0.285	21
			21.17	10.10	3.82
61	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.444	22
			0.00	27.92	0.00
62	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.208	22
			0.00	-13.08	2.00
63	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.376	22
			0.00	-23.64	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
64	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.368	25
		0.00 C	0.00	-23.15	0.00
65	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.204	25
		0.00 C	0.00	-12.83	0.00
66	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.445	25
		0.00 C	0.00	27.97	2.00
67	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.394	22
		0.00 C	0.00	14.07	0.00
68	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.179	22
		0.00 C	0.00	11.26	0.00
69	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.104	22
		0.00 C	0.00	-6.52	2.00
70	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.246	25
		0.00 C	0.00	15.48	2.00
71	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.265	22
		0.00 C	0.00	16.64	0.00
72	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.096	25
		0.00 C	0.00	-6.05	0.00
73	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.248	25
		0.00 C	0.00	15.61	2.00
74	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.276	22
		0.00 C	0.00	17.37	0.00
75	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.128	22
		0.00 C	0.00	-8.03	2.00
76	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.284	25
		0.00 C	0.00	17.83	2.00
77	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	25
		0.00 C	0.00	-4.90	3.22
78	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.558	25
		0.00 C	0.00	-5.02	3.22

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
79	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.701	25
		0.00 C	0.00	-4.68	3.08
80	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.699	25
		0.00 C	0.00	-4.67	3.08
81	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.734	18
		0.00 C	0.00	26.20	0.00
82	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
83	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
84	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.812	18
		0.00 C	0.00	28.99	0.00
85	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
86	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
87	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.173	17
		0.00 C	0.00	-6.17	3.00
88	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
89	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
90	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.508	18
		1.36 C	0.27	30.59	0.00
91	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
92	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
93	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.823	18
		0.00 C	0.00	29.37	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
94	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
95	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
96	ST W18X60	PASS	(AISC SECTIONS)		
		1.47 C	LRFD-H1-1B-C	0.508	18
			0.27	30.62	0.00
97	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
98	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
99	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.173	17
			0.00	-6.17	3.00
100	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
101	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
102	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.568	18
			0.00	45.32	0.00
103	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.300	18
			0.00	23.92	0.00
104	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
105	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
106	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.600	18
			0.00	21.43	0.00
107	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.518	18
			0.00	18.48	0.00
108	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.537	18
			0.00	19.16	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
109	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
110	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
111	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.437	18
		0.00 C	0.00	15.62	0.00
112	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	18
		0.00 C	0.00	26.60	0.00
113	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
114	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
115	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.265	18
		0.00 C	0.00	21.17	0.00
116	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.197	25
		0.00 C	-0.00	-4.10	0.00
117	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.204	25
		0.00 C	-0.00	-4.26	0.00
118	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.125	25
		0.00 C	0.00	-2.60	0.00
119	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.130	25
		0.00 C	0.00	-2.70	0.00
120	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.092	25
		0.00 C	0.00	-1.92	0.00
121	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.092	25
		0.00 C	0.00	-1.91	0.00
122	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.637	18
		15.94 C	35.27	23.00	0.00
124	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.654	18
		68.01 C	32.25	26.78	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
126	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.667	21
		54.68 C	-34.03	-26.39	0.00
127	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.637	18
		37.81 C	35.22	21.09	0.00
128	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.723	18
		72.37 C	37.08	26.91	0.00
129	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.532	18
		14.95 C	-31.00	-16.04	1.91
130	ST	W14X193	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.756	21
		38.10 C	-52.43	-31.03	0.00
131	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.443	22
		0.00 C	0.00	27.83	0.00
132	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.223	25
		0.00 C	-0.00	-14.03	0.00
133	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.569	25
		0.00 C	0.00	35.76	2.00
134	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.768	22
		0.00 C	0.00	74.10	0.00
135	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.263	22
		0.00 C	0.00	-25.36	2.00
136	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.527	22
		0.00 C	0.00	-50.78	2.00
137	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.538	25
		0.00 C	0.00	-51.87	0.00
138	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.268	25
		0.00 C	0.00	-25.85	0.00
139	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.781	25
		0.00 C	0.00	75.34	2.00
140	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.549	22
		0.00 C	0.00	34.50	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
141	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.193	22
		0.00 C	0.00	-12.14	2.00
142	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	25
		0.00 C	0.00	27.43	2.00
143	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.459	22
		0.00 C	0.00	28.82	0.00
144	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.184	25
		0.00 C	0.00	-11.59	0.00
145	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.543	25
		0.00 C	0.00	34.14	2.00
146	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.728	22
		0.00 C	0.00	70.23	0.00
147	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.218	22
		0.00 C	0.00	-20.98	2.00
148	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	22
		0.00 C	0.00	-42.03	2.00
149	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.393	25
		0.00 C	0.00	-37.92	0.00
150	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	25
		0.00 C	0.00	-21.63	0.00
151	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.694	25
		0.00 C	0.00	66.93	2.00
152	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.581	18
		23.47 C	-23.41	-37.55	3.82
153	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.328	25
		1.89 C	9.78	29.07	3.82
154	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.555	21
		14.46 C	22.10	37.20	3.82
155	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.372	18
		11.99 C	-21.44	-11.40	3.82

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
156	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.494	18
		30.23 C	-20.86	-29.15	3.82
157	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.432	25
		1.79 T	21.51	21.22	3.82
158	ST	W14X193	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.523	21
		16.02 C	30.08	34.75	3.82
159	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.738	22
		0.00 C	0.00	46.35	0.00
160	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.309	22
		0.00 C	0.00	-19.43	2.00
161	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.523	22
		0.00 C	0.00	-32.87	2.00
162	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.533	25
		0.00 C	0.00	-33.47	0.00
163	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.310	25
		0.00 C	0.00	-19.51	0.00
164	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.739	25
		0.00 C	0.00	46.45	2.00
165	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.321	22
		0.00 C	0.00	20.15	0.00
166	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.172	25
		0.00 C	0.00	-10.79	0.00
167	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.422	25
		0.00 C	0.00	26.50	2.00
168	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	22
		0.00 C	0.00	44.69	0.00
169	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.278	22
		0.00 C	0.00	-17.50	2.00
170	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.445	22
		0.00 C	0.00	-27.97	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
171	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.406	25
		0.00 C	0.00	-25.51	0.00
172	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.248	25
		0.00 C	0.00	-15.57	0.00
173	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.665	25
		0.00 C	0.00	41.77	2.00
174	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.102	22
		0.00 C	0.00	-2.12	0.72
175	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.101	22
		0.00 C	0.00	-2.11	0.72
176	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.583	21
		0.00 C	0.00	20.81	6.00
177	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
178	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
179	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.673	18
		0.00 C	0.00	24.04	0.00
180	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
181	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
182	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.173	17
		0.00 C	0.00	-6.17	3.00
183	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
184	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
185	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.684	18
		0.00 C	0.00	24.42	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
186	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
187	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
188	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.709	18
		0.00 C	0.00	25.31	0.00
189	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
190	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
191	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	18
		0.00 C	0.00	25.15	0.00
192	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
193	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
194	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.173	17
		0.00 C	0.00	-6.17	3.00
195	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
196	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
197	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.772	21
		0.00 C	0.00	27.58	6.00
198	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.151	18
		0.00 C	0.00	12.03	0.00
199	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
200	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
201	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.275	18
			0.00	-9.82	6.00
202	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.321	18
			0.00	11.45	0.00
203	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.329	21
			0.00	11.75	6.00
204	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
205	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
206	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.389	18
			0.00	13.88	0.00
207	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
208	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
209	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.533	21
			0.00	19.04	6.00
210	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
211	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.846	17
			0.00	-4.74	3.00
212	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.196	18
			0.00	15.64	0.00
213	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.718	25
			0.00	-4.80	2.20
214	ST W14X26	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.717	25
			0.00	-4.79	2.20
215	ST W14X159	PASS	(AISC SECTIONS)		
		4.95 C	LRFD-H1-1B-C	0.624	25
			-26.99	-38.51	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
217	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.635	22
		59.99 C	17.08	54.85	0.00
219	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.638	21
		58.38 C	-33.14	-23.53	0.00
220	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.628	18
		37.39 C	35.75	18.62	0.00
221	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.724	18
		65.29 C	38.94	24.02	0.00
222	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	25
		3.96 C	22.72	24.83	1.91
223	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.708	21
		24.87 C	-50.46	-27.31	0.00
224	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.362	22
		0.00 C	0.00	22.72	0.00
225	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.203	25
		0.00 C	-0.00	-12.75	0.00
226	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	25
		0.00 C	0.00	34.67	2.00
227	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.724	22
		0.00 C	0.00	69.77	0.00
228	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.235	22
		0.00 C	0.00	-22.63	2.00
229	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.465	22
		0.00 C	0.00	-44.82	2.00
230	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.480	25
		0.00 C	0.00	-46.32	0.00
231	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.245	25
		0.00 C	0.00	-23.63	0.00
232	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.734	25
		0.00 C	0.00	70.79	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
233	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.569	22
		0.00 C	0.00	35.74	0.00
234	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.201	22
		0.00 C	0.00	-12.66	2.00
235	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.467	25
		0.00 C	0.00	29.32	2.00
236	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.482	22
		0.00 C	0.00	30.31	0.00
237	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.196	25
		0.00 C	0.00	-12.32	0.00
238	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.557	25
		0.00 C	0.00	35.03	2.00
239	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.699	22
		0.00 C	0.00	67.37	0.00
240	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.208	18
		0.00 C	0.00	-20.05	2.00
241	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.406	22
		0.00 C	0.00	-39.19	2.00
242	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.390	25
		0.00 C	0.00	-37.56	0.00
243	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.186	25
		0.00 C	0.00	17.95	2.00
244	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.633	25
		0.00 C	0.00	61.05	2.00
245	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.547	18
		17.45 C	-23.24	-33.50	3.82
246	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.430	22
		1.16 T	-17.23	-29.58	3.82
247	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.467	21
		21.09 C	18.98	29.64	3.82

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
248	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.359	18
		15.85 C	-19.75	-12.52	3.82
249	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.502	18
		26.64 C	-22.94	-26.52	3.82
250	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.457	22
		0.62 C	-23.30	-21.39	3.82
251	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.472	21
		9.32 C	28.34	29.42	3.82
252	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.690	22
		0.00 C	0.00	43.34	0.00
253	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.292	22
		0.00 C	0.00	-18.33	2.00
254	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	22
		0.00 C	0.00	-29.78	2.00
255	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.469	25
		0.00 C	0.00	-29.48	0.00
256	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.295	25
		0.00 C	0.00	-18.52	0.00
257	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.689	25
		0.00 C	0.00	43.32	2.00
258	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.347	22
		0.00 C	0.00	21.78	0.00
259	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.091	22
		0.00 C	0.00	-5.72	2.00
260	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.242	25
		0.00 C	0.00	15.18	2.00
261	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.294	22
		0.00 C	0.00	18.50	0.00
262	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.140	25
		0.00 C	0.00	-8.79	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
263	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.398	25
		0.00 C	0.00	25.03	2.00
264	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.682	22
		0.00 C	0.00	42.89	0.00
265	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.269	22
		0.00 C	0.00	-16.89	2.00
266	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.425	22
		0.00 C	0.00	-26.69	2.00
267	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.419	25
		0.00 C	0.00	-26.31	0.00
268	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.189	25
		0.00 C	0.00	-11.85	0.00
269	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.591	25
		0.00 C	0.00	37.12	2.00
270	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.827	21
		0.00 C	0.00	29.52	6.00
271	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
272	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
273	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.829	21
		0.00 C	0.00	29.59	6.00
274	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
275	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00
276	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.173	17
		0.00 C	0.00	-6.17	3.00
277	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	17
		0.00 C	0.00	-5.98	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
278	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
279	ST W18X60	PASS	(AISC SECTIONS)		
		1.36 C	LRFD-H1-1B-C	0.359	18
			0.22	21.42	0.00
280	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
281	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
282	ST W18X60	PASS	(AISC SECTIONS)		
		1.39 C	LRFD-H1-1B-C	0.346	18
			0.22	20.55	0.00
283	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
284	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
285	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.598	21
			0.00	47.76	6.00
286	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
287	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.473	17
			0.00	-5.98	3.00
288	ST W18X60	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.634	21
			0.00	22.65	6.00
289	ST W14X34	PASS	(AISC SECTIONS)		
		0.58 T	LRFD-H1-1B-T	0.453	25
			0.73	7.51	3.20
290	ST W14X34	PASS	(AISC SECTIONS)		
		0.41 C	LRFD-H1-1B-C	0.125	22
			0.54	-0.52	0.27
291	ST W18X60	PASS	(AISC SECTIONS)		
		3.59 C	LRFD-H1-1B-C	0.634	18
			0.64	31.58	0.00
292	ST W18X86	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.278	21
			0.00	22.21	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
293	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
294	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
295	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.353	21
		2.05 T	-0.35	-20.16	0.00
296	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
297	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
298	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.598	21
		0.00 C	0.00	21.37	6.00
299	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
300	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
301	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.486	18
		0.00 C	0.00	-17.35	6.00
302	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
303	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
304	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.604	21
		0.00 C	0.00	21.57	6.00
305	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
306	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
307	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.904	21
		0.00 C	0.00	32.29	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
308	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.677	25
		0.64 T	0.42	7.46	3.20
309	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.618	25
		0.48 T	0.43	6.60	3.20
310	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.185	18
		2.91 C	0.13	16.70	0.00
311	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	25
		0.70 C	-27.96	-33.93	0.00
312	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.645	25
		36.35 C	-24.52	-66.37	0.00
313	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.698	25
		77.47 C	-28.30	-64.84	0.00
314	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.678	21
		64.91 C	-48.06	-22.86	0.00
317	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.723	21
		47.32 C	-53.11	-22.73	0.00
320	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.766	21
		87.73 C	-56.39	-20.32	0.00
321	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.687	21
		22.03 T	-51.45	-22.07	0.00
322	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.360	22
		0.00 C	0.00	22.65	0.00
323	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.182	22
		0.00 C	-0.00	-11.44	2.00
324	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.437	25
		0.00 C	0.00	27.46	2.00
325	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.478	22
		0.00 C	0.00	30.07	0.00
326	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.173	22
		0.00 C	0.00	-10.85	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
327	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.456	25
		0.00 C	0.00	28.64	2.00
328	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.467	22
		0.00 C	0.00	29.34	0.00
329	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.172	25
		0.00 C	0.00	-10.83	0.00
330	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.468	25
		0.00 C	0.00	29.40	2.00
331	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.467	22
		0.00 C	0.00	29.38	0.00
332	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.171	25
		0.00 C	0.00	-10.77	0.00
333	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.469	25
		0.00 C	0.00	29.47	2.00
334	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.512	22
		0.40 C	0.34	30.53	0.00
335	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.235	25
		0.77 T	-0.58	-11.31	0.00
336	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.267	22
		1.23 C	-0.83	-11.80	0.50
337	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.568	22
		0.00 C	0.00	54.73	0.00
338	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.173	22
		0.00 C	0.00	-16.72	2.00
339	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.414	22
		0.00 C	0.00	-39.91	2.00
340	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.433	25
		0.00 C	0.00	-41.77	0.00
341	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.325	25
		3.96 T	0.40	29.38	1.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
342	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.439	22
		0.00 C	0.00	-42.34	2.00
343	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.463	21
		17.41 C	40.45	-2.89	3.82
344	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.467	25
		43.58 C	25.70	30.65	3.82
345	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.566	21
		26.39 C	44.92	11.99	3.82
346	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.365	21
		5.04 C	-31.24	-4.36	0.00
347	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.696	20
		31.59 C	51.93	-21.61	3.82
348	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.575	24
		12.29 C	-32.36	19.80	3.82
349	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.274	21
		13.31 T	-23.74	-1.92	0.00
350	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.421	22
		0.00 C	0.00	26.43	0.00
351	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.200	22
		0.00 C	0.00	-12.57	2.00
352	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.427	25
		0.00 C	0.00	26.82	2.00
353	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.382	22
		0.00 C	0.00	24.01	0.00
354	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.152	22
		0.00 C	0.00	-9.53	2.00
355	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.341	25
		0.00 C	0.00	21.44	2.00
356	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.312	22
		0.00 C	0.00	19.59	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
357	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.112	22
		0.00 C	0.00	-7.05	2.00
358	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.285	25
		0.00 C	0.00	17.90	2.00
359	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.289	22
		0.00 C	0.00	18.16	0.00
360	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.103	25
		0.00 C	0.00	-6.47	0.00
361	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.339	25
		0.00 C	0.00	21.31	2.00
362	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.560	22
		0.00 C	0.00	35.22	0.00
363	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.242	22
		0.00 C	0.00	-15.24	2.00
364	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.332	22
		0.00 C	0.00	-20.88	2.00
365	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.502	25
		0.00 C	0.00	-31.57	0.00
366	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.383	25
		1.64 T	0.45	21.50	1.00
367	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.295	22
		0.00 C	0.00	-18.55	2.00
368	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.468	22
		0.00 C	0.00	-9.64	1.25
369	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.808	18
		0.00 C	0.00	51.50	0.00
370	ST	W8X21	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.102	25
		0.00 C	0.00	-1.01	1.00
371	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.797	25
		0.00 C	0.00	-13.92	1.87

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
372	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.404	18
		0.00 C	0.00	24.82	0.00
373	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.787	22
		0.96 C	6.62	49.77	0.00
376	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.887	22
		1.46 C	3.40	67.07	0.00
379	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.822	18
		2.98 C	1.22	74.93	0.00
382	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.877	18
		1.72 C	1.37	79.67	0.00
385	TB	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	22
		1.17 C	6.06	75.55	0.00
391	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	18
		1.97 C	0.76	33.74	0.00
392	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.550	18
		0.00 C	0.00	-43.91	6.00
393	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
394	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.203	17
		0.00 C	0.00	-4.86	3.00
395	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
396	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.595	18
		0.00 C	0.00	-47.48	6.00
397	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.782	18
		0.00 C	0.00	-62.46	6.00
398	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
399	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
400	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.633	18
		0.00 C	0.00	50.51	0.00
401	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
402	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
403	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.345	21
		0.00 C	0.00	27.54	6.00
404	ST W8X21		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.102	25
		0.00 C	0.00	-1.01	1.00
405	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.827	25
		0.00 C	0.00	-13.80	0.00
406	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	18
		0.00 C	0.00	-35.64	2.50
425	ST W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.661	21
		0.73 T	20.65	36.95	3.82
426	ST W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.546	18
		14.22 C	25.14	12.33	0.00
427	ST W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.576	21
		3.57 T	-25.65	-15.93	0.00
428	ST W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.493	23
		3.03 C	19.40	-18.89	3.82
429	ST W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.694	21
		6.08 T	-18.49	-45.01	0.00
431	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.673	20
		29.90 C	-32.51	56.14	3.82
432	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.454	22
		0.00 C	0.00	28.53	0.00
433	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.356	22
		0.00 C	0.00	-22.36	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
434	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.356	25
		0.00 C	0.00	-22.35	0.00
435	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.288	22
		0.00 C	0.00	18.11	0.00
436	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.162	25
		0.00 C	0.00	-10.19	0.00
437	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.400	25
		0.00 C	0.00	25.13	2.00
438	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.325	22
		0.00 C	0.00	20.42	0.00
439	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.099	25
		0.00 C	0.00	-6.21	0.00
440	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.198	25
		0.00 C	0.00	12.46	2.00
441	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.217	22
		0.00 C	0.00	13.63	0.00
442	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.082	25
		0.00 C	0.00	-5.14	0.00
443	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.277	25
		0.00 C	0.00	17.41	2.00
444	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	22
		0.00 C	0.00	28.11	0.00
445	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.268	22
		0.00 C	0.00	-16.83	2.00
446	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.290	22
		0.00 C	0.00	-18.24	2.00
447	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.408	25
		0.00 C	0.00	-25.62	0.00
448	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.254	21
		0.00 C	0.00	-15.93	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
449	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.648	25
		0.00 C	0.00	40.72	2.00
450	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.690	22
		0.00 C	0.00	-13.14	1.75
451	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.553	21
		0.00 C	0.00	-35.24	0.00
452	ST W8X21		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.103	25
		0.00 C	0.00	-1.02	1.00
453	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.810	25
		0.00 C	0.00	-14.79	1.83
454	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.356	21
		0.00 C	0.00	-22.38	0.00
455	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.703	25
		0.97 T	-8.58	-33.93	0.00
458	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.785	25
		1.46 T	-4.43	-49.88	0.00
461	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.686	25
		1.24 T	-4.53	-39.16	0.00
464	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.748	25
		1.04 T	-4.61	-44.95	0.00
467	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.798	25
		1.13 T	-4.61	-49.97	0.00
473	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.964	18
		2.09 C	1.77	85.91	0.00
474	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.549	21
		0.00 C	0.00	-43.84	0.00
475	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
476	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.203	17
		0.00 C	0.00	-4.86	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
477	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
478	ST W18X86	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.548	21
		0.00 C	0.00	43.77	6.00
479	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
480	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
481	ST W18X60	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.970	21
		0.00 C	0.00	34.63	6.00
482	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
483	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
484	ST W18X86	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.749	21
		0.00 C	0.00	59.82	6.00
485	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
486	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
487	ST W18X60	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.414	21
		0.00 C	0.00	-14.80	0.00
488	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
489	ST W14X26	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
490	ST W18X86	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.616	18
		0.00 C	0.00	49.15	0.00
491	ST W8X21	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.102	25
		0.00 C	0.00	-1.01	1.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
492	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.845	25
		0.00 C	0.00	-14.76	0.00
493	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.739	21
		0.00 C	0.00	45.37	2.25
494	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.810	22
		75.04 C	27.46	87.43	0.00
495	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.868	18
		95.64 C	55.09	41.11	0.00
496	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.856	18
		81.40 C	54.89	40.57	0.00
497	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.864	18
		70.79 C	56.54	39.73	0.00
498	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.905	21
		114.54 C	-27.10	-101.93	0.00
518	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.542	18
		25.64 C	-40.07	-17.43	3.82
519	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.553	18
		44.52 C	-44.53	-8.75	3.82
520	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.559	18
		33.51 C	-43.18	-13.70	3.82
521	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.472	18
		26.26 C	-37.46	-9.61	3.82
522	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.693	23
		46.10 C	42.02	-39.41	3.82
524	ST W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.832	18
		0.24 T	23.55	51.64	0.00
525	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.463	22
		0.00 C	0.00	29.10	0.00
526	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.238	22
		0.00 C	0.00	-14.98	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
527	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.485	25
		0.00 C	0.00	30.45	2.00
528	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.425	22
		0.00 C	0.00	26.70	0.00
529	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.156	22
		0.00 C	0.00	-9.81	2.00
530	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.385	25
		0.00 C	0.00	24.19	2.00
531	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.407	22
		0.00 C	0.00	25.55	0.00
532	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.166	22
		0.00 C	0.00	-10.41	2.00
533	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	25
		0.00 C	0.00	24.32	2.00
534	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.325	22
		0.00 C	0.00	20.41	0.00
535	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.148	25
		0.00 C	0.00	-9.30	0.00
536	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.476	25
		0.00 C	0.00	29.94	2.00
537	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.779	22
		0.00 C	0.00	48.97	0.00
538	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.295	22
		0.00 C	0.00	-18.54	2.00
539	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.518	22
		0.00 C	0.00	-32.58	2.00
540	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.321	25
		0.00 C	0.00	-20.18	0.00
541	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.277	25
		0.00 C	0.00	-17.41	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
542	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	25
		0.00 C	0.00	29.79	2.00
547	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.835	22
		0.99 C	12.67	30.63	0.00
550	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.945	22
		1.46 C	4.21	34.10	0.00
553	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.901	18
		2.95 C	1.82	45.25	0.00
556	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.911	18
		3.02 C	1.84	45.71	0.00
559	TB	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.579	18
		3.23 C	3.16	62.29	0.00
565	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.836	25
		1.04 T	-6.48	-41.35	0.00
566	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.312	18
		0.00 C	0.00	24.93	0.00
567	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
568	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
569	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.688	18
		0.00 C	0.00	24.57	0.00
570	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
571	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
572	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.668	18
		0.00 C	0.00	23.85	0.00
573	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
574	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
575	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.577	18
		0.00 C	0.00	20.61	0.00
576	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
577	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
578	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.707	18
		0.00 C	0.00	25.23	0.00
579	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
580	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
581	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.572	21
		0.00 C	0.00	-20.43	0.00
582	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
583	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	17
		0.00 C	0.00	-4.74	3.00
584	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.624	21
		0.00 C	0.00	-49.82	0.00
585	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.786	22
		32.12 C	23.54	94.71	0.00
586	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.796	22
		30.69 C	21.22	101.35	0.00
587	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.771	18
		35.17 C	45.56	47.83	0.00
588	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.780	18
		33.36 C	46.54	47.69	0.00

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589	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.874	18
		60.41 C	52.26	51.10	0.00
590	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.928	18
		70.69 C	62.59	39.35	0.00
609	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.249	18
		9.94 C	-16.45	-12.07	3.82
610	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.271	22
		10.96 C	-6.39	-36.11	3.82
611	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.256	22
		9.83 C	-5.31	-35.53	3.82
612	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.253	22
		9.80 C	-5.51	-34.57	3.82
613	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.350	18
		20.94 C	-16.65	-29.21	3.82
615	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.568	19
		23.67 C	-40.85	20.84	3.82
616	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.378	22
		0.00 C	0.00	23.75	0.00
617	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.152	25
		0.00 C	0.00	-9.53	0.00
618	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.358	25
		0.00 C	0.00	22.49	2.00
619	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.353	22
		0.00 C	0.00	22.19	0.00
620	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.130	22
		0.00 C	0.00	-8.17	2.00
621	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.338	25
		0.00 C	0.00	21.25	2.00
622	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.355	22
		0.00 C	0.00	22.33	0.00

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623	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.132	22
		0.00 C	0.00	-8.29	2.00
624	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.338	25
		0.00 C	0.00	21.22	2.00
625	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.336	22
		0.00 C	0.00	21.11	0.00
626	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.123	25
		0.00 C	0.00	-7.72	0.00
627	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.369	25
		0.00 C	0.00	23.18	2.00
628	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.613	22
		0.00 C	0.00	38.55	0.00
629	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.232	22
		0.00 C	0.00	-14.61	2.00
630	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	22
		0.00 C	0.00	-30.78	2.00
631	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	25
		0.00 C	0.00	-27.39	0.00
632	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.209	25
		0.00 C	0.00	-13.13	0.00
633	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.562	25
		0.00 C	0.00	35.30	2.00
720	ST	W14X193	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.912	18
		76.30 C	22.40	116.09	0.00
726	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.011	22
		0.27 C	-0.04	-0.40	2.00
731	ST	W14X159	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.670	21
		6.72 C	-36.55	-26.18	0.00
732	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.332	22
		0.00 C	0.00	26.48	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
733	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.330	22
		0.09 C	-3.20	-19.20	2.00
734	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.376	22
		0.86 C	-1.53	-30.10	1.00
735	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.347	25
		0.11 T	-4.07	-17.46	0.00
736	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.782	25
		0.88 T	8.49	41.92	2.00
737	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.409	22
		0.00 C	-1.38	-32.25	2.00
738	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.749	22
		1.46 C	-3.47	-52.56	2.00
739	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	24
		2.67 C	-0.38	3.90	6.00
740	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.405	24
		2.88 C	0.07	-4.52	2.50
741	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.403	25
		0.00 T	-1.74	-29.27	0.00
742	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.976	25
		1.46 T	4.37	69.62	2.00
743	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.415	22
		4.13 C	0.09	-4.40	2.50
744	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.456	22
		3.88 C	-0.50	3.99	6.00
745	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.330	25
		0.00 C	0.00	26.34	6.00
746	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.337	22
		0.01 C	-1.42	-24.72	2.00
747	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.387	25
		1.23 T	-2.15	-24.72	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
748	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.362	25
		0.00 T	-1.80	-24.67	0.00
749	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.896	25
		1.24 T	4.45	61.05	2.00
750	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.423	25
		1.37 T	0.39	4.39	6.00
751	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.471	25
		1.69 T	0.38	5.00	6.00
752	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.510	25
		3.11 T	0.49	5.20	6.00
753	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.472	22
		2.64 C	-0.50	4.39	6.00
754	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.286	22
		0.00 C	0.00	22.82	0.00
755	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.338	22
		1.05 C	-1.08	-27.01	2.00
756	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.677	18
		1.86 C	-1.44	-58.83	2.00
757	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.372	25
		0.01 T	-1.85	-25.40	0.00
758	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.878	25
		1.04 T	4.49	58.89	2.00
759	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.426	25
		0.03 T	0.32	4.64	6.00
760	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.465	22
		0.37 C	0.35	5.00	0.00
761	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.530	22
		2.12 C	0.50	5.20	0.00
762	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.477	22
		1.41 C	0.50	4.63	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
763	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.179	22
		3.78 C	0.36	15.48	0.00
764	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.376	22
		1.03 C	-1.06	-30.95	2.00
765	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.498	18
		1.85 C	-0.20	-49.06	1.00
766	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.375	21
		0.11 T	0.80	32.70	2.00
767	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.934	21
		3.32 T	1.35	85.48	1.30
768	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.232	22
		1.06 C	1.62	4.66	0.00
769	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.236	22
		1.66 C	1.60	5.02	0.00
770	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.707	25
		1.28 T	0.51	7.69	6.00
771	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.872	21
		0.03 T	0.21	10.51	6.00
772	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.371	22
		27.33 C	-2.24	-19.23	2.00
773	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.446	22
		6.86 C	4.21	16.21	0.00
774	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.468	22
		6.99 C	-0.28	-35.39	6.00
775	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.870	25
		6.99 T	0.24	68.18	6.00
776	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.395	18
		56.31 C	-0.53	-29.67	2.00
777	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.444	22
		24.26 C	-3.81	-16.55	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
778	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.750	22
		1.45 C	0.33	8.48	0.00
779	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.500	22
		1.97 C	0.64	9.92	0.00
780	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.281	25
		15.93 T	-1.74	-15.23	0.00
782	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.703	22
		0.07 C	0.50	7.70	0.00
783	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.884	18
		0.26 C	0.25	10.54	0.00
784	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.253	18
		0.03 C	-0.35	-13.76	2.00
785	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.750	21
		1.95 T	0.80	42.10	2.00
786	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.346	18
		0.04 C	0.76	30.09	0.00
787	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.751	22
		0.93 C	-4.34	-47.03	2.00
788	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.534	21
		0.20 T	-0.02	-6.69	2.50
789	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.538	25
		0.43 T	-0.06	-6.64	2.50
790	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.578	21
		0.39 T	-0.03	-7.22	2.50
791	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.638	21
		0.29 T	-0.03	-8.00	2.50
792	ST W14X159		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	21
		14.92 C	-14.73	-67.90	0.00
793	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.612	22
		0.00 C	0.00	48.88	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
794	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.529	25
		0.00 C	0.00	42.27	6.00
795	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.542	22
		0.00 C	0.00	43.25	0.00
796	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.599	25
		0.00 C	0.00	47.84	6.00
797	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.630	22
		0.00 C	0.00	50.31	0.00
798	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.547	22
		0.00 C	0.00	43.70	0.00
799	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.553	22
		0.00 C	0.00	44.16	0.00
800	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.599	25
		0.00 C	0.00	47.84	6.00
801	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.837	22
		13.39 C	0.91	61.93	0.00
802	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.932	22
		13.27 C	0.15	72.01	0.00
803	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.351	22
		0.16 C	-6.11	-9.82	2.00
804	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.747	25
		0.86 T	12.84	21.46	2.00
805	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.346	18
		0.01 C	-0.63	-17.87	2.00
806	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.530	21
		2.89 T	1.06	27.00	1.50
807	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.340	18
		0.00 C	-0.66	-17.39	2.00
808	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.739	21
		2.95 T	1.86	34.87	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
809	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.332	18
		0.01 C	-0.66	-16.80	2.00
810	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.735	21
		3.02 T	1.89	34.37	2.00
811	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.407	18
		0.00 C	-0.83	-20.54	2.00
812	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.796	21
		3.19 T	2.07	37.68	1.50
813	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.394	25
		0.16 T	-2.77	-21.34	0.00
814	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.679	21
		1.94 T	1.27	60.27	1.30
815	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.591	22
		6.88 C	-0.70	4.76	6.00
816	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.592	22
		6.56 C	-0.71	4.82	6.00
817	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.563	22
		4.83 C	0.67	4.82	0.00
818	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.565	22
		4.48 C	0.67	4.88	0.00
819	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.475	22
		2.79 C	0.68	3.97	0.00
820	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	22
		2.39 C	0.69	4.01	0.00
821	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.829	25
		0.81 T	0.81	8.55	6.00
822	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.895	25
		0.30 T	0.81	9.40	6.00
823	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.819	25
		13.39 T	0.79	61.79	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
824	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.484	25
		13.27 T	-0.19	-37.03	0.00
825	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	22
		2.28 C	-2.91	-12.80	2.00
826	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.354	25
		6.08 T	-1.46	-12.80	0.00
827	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.465	25
		4.57 T	-2.59	-13.00	0.00
828	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.834	22
		0.74 C	0.79	8.57	0.00
829	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.892	22
		0.10 C	0.79	9.41	0.00
830	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.587	21
		0.96 T	-0.03	-7.32	2.50
831	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.603	25
		1.84 T	-0.23	-7.03	2.00
832	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.328	25
		14.38 T	-2.68	-13.81	0.00
833	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.517	22
		0.00 C	0.00	18.46	0.00
834	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.429	25
		0.00 C	0.00	15.33	6.00
835	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.513	22
		0.00 C	0.00	18.31	0.00
836	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.289	22
		0.17 C	-1.74	-7.52	2.00
837	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.721	21
		1.44 T	2.36	30.80	2.00
838	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.331	22
		0.01 C	-1.53	-11.47	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
839	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.472	25
		1.45 T	-2.97	-11.47	0.00
840	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.359	21
		0.01 T	-0.86	-17.35	0.00
841	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.889	21
		2.95 T	2.49	40.42	2.00
842	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.319	21
		0.09 T	-0.98	-14.06	0.00
843	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.768	21
		1.66 T	2.36	33.70	2.00
844	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.464	25
		0.99 T	0.74	4.10	6.00
845	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.482	21
		0.55 T	-0.01	-6.06	3.00
846	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.578	25
		0.06 T	0.70	5.64	6.00
847	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.697	25
		0.06 T	0.70	7.15	6.00
848	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	22
		0.87 C	0.74	5.64	0.00
849	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.713	22
		0.88 C	0.74	7.14	0.00
850	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.012	25
		0.23 T	-0.04	-0.44	1.17
851	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.011	25
		0.20 T	-0.05	-0.40	0.00
854	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	22
		0.96 C	0.02	11.09	0.00
855	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.216	25
		1.06 T	0.02	5.93	0.50

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
856	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.700	22
		0.91 C	-6.77	-40.73	1.00
857	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.618	22
		1.25 C	-3.53	-38.98	1.00
858	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.729	22
		0.96 C	-3.90	-47.82	1.00
862	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.128	22
		0.51 C	-0.50	-5.03	1.00
863	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.107	21
		0.44 T	-0.62	-2.98	0.00
864	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.151	22
		1.11 C	-0.59	-5.83	1.00
865	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.077	5
		0.00 T	-0.00	-4.90	0.00
866	ST	W8X40	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.080	18
		1.40 C	0.07	-1.44	1.00
867	ST	W8X40	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.081	18
		1.43 C	0.07	-1.44	1.00
868	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.542	18
		0.00 C	0.03	24.64	0.00
869	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.541	18
		0.00 C	0.03	24.59	0.00
870	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.468	21
		1.47 T	0.25	28.17	0.50
871	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.427	21
		1.36 T	0.25	25.60	0.50
872	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.602	21
		0.00 C	0.02	27.40	5.00
873	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.552	21
		1.36 T	0.22	33.72	0.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
874	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.599	21
		0.00 C	0.02	27.28	5.00
875	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.550	21
		1.39 T	0.22	33.60	0.50
876	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.684	18
		2.89 C	1.04	36.87	0.00
877	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.972	18
		3.19 C	2.00	49.24	0.00
878	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.725	21
		2.93 T	1.83	34.65	0.50
879	TB	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.482	21
		3.23 T	3.28	48.49	0.50
880	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.706	18
		1.98 C	0.78	66.26	0.00
881	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.974	21
		2.05 T	2.85	79.59	0.70
882	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.771	18
		1.91 C	0.97	71.57	0.00
883	TB	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.828	21
		3.38 T	2.77	114.01	0.70
884	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.647	21
		0.00 C	0.03	29.40	5.00
885	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.594	21
		2.05 T	0.35	35.54	0.50
886	ST	W14X132	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.716	24
		0.77 C	31.17	-21.61	0.00
887	ST	W14X132	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.571	23
		0.59 C	26.91	-12.95	3.82
888	ST	W14X132	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.546	22
		4.50 C	-14.21	-36.04	3.82

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
889	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.126	25
		0.09 T	-0.49	-5.03	0.00
890	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.149	25
		0.85 T	-0.58	-5.83	0.00
891	ST	W8X40	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.068	22
		0.72 C	0.16	-1.02	1.00
892	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.222	22
		0.77 C	-0.59	-10.38	1.00
893	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.218	22
		1.36 C	1.15	0.00	0.00
894	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.120	25
		1.27 T	1.04	7.32	1.50
895	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.247	25
		0.51 T	1.32	0.00	2.00
896	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.326	25
		0.61 T	1.75	9.90	1.50
897	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.540	25
		0.41 T	0.34	32.33	1.50
898	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.247	22
		1.81 C	-1.29	0.00	2.00
899	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.123	18
		0.63 C	-0.60	-4.08	0.50
900	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.287	25
		1.21 T	-0.83	-13.07	0.00
901	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	22
		1.71 C	-1.25	0.00	2.00
902	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.099	25
		2.47 T	-0.50	-3.03	0.00
903	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.113	25
		1.24 T	-1.01	-6.84	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
904	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.250	22
		0.76 C	-1.33	0.00	2.00
905	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.287	25
		0.32 T	1.58	8.48	1.50
906	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.238	25
		3.75 T	0.37	21.12	1.50
907	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.246	22
		0.78 C	-1.30	0.00	2.00
908	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	22
		0.66 C	0.92	7.51	0.00
909	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.627	21
		4.11 T	0.73	32.05	2.80
910	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.389	25
		0.99 T	0.40	8.81	1.00
911	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.350	22
		1.37 C	-0.02	-9.35	2.00
912	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.368	22
		3.96 C	0.68	32.41	0.00
913	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.511	22
		0.69 C	0.23	13.18	0.00
914	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.161	25
		0.78 T	0.86	0.00	2.80
915	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.640	18
		18.42 C	-2.13	-8.95	3.82
916	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.663	22
		37.42 C	7.94	2.04	0.00
917	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.829	22
		75.57 C	-7.80	-0.56	3.82
918	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.300	22
		1.64 C	0.18	17.85	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
919	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.894	22
		31.65 C	12.37	0.56	0.00
920	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.319	22
		17.59 C	4.01	0.56	0.00
921	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.178	18
		3.50 C	-0.58	-14.49	2.80
922	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.836	18
		15.56 C	0.24	12.28	0.00
923	ST W14X193		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	18
		0.68 C	-32.14	-6.96	1.91
924	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.473	22
		24.83 C	6.07	0.62	0.00
925	ST W12X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.552	25
		0.83 T	0.58	15.35	3.00
926	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.427	25
		11.37 C	-6.14	-0.68	0.00
927	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.581	21
		0.91 C	-0.00	9.22	1.91
928	ST W12X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.274	25
		3.88 T	-0.38	-7.13	0.00
929	ST W12X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.645	21
		2.58 T	0.20	19.67	2.80
930	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.180	22
		0.34 C	-0.49	0.00	2.80
931	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.794	22
		24.62 C	-11.12	0.00	1.55
932	ST HSST8X8X0.5		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.336	25
		11.28 C	-4.68	-0.56	0.00
933	ST W14X26		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.093	22
		0.01 C	-0.26	0.00	2.80

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
934	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.617	22
		0.55 C	0.54	6.60	0.00
936	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.677	22
		0.73 C	0.54	7.46	0.00
937	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.440	22
		2.44 C	0.17	7.72	0.00
938	ST	W14X26	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.426	25
		2.44 T	0.20	7.21	1.00
939	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.195	25
		0.69 T	-0.02	-5.21	0.00
940	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.496	18
		1.91 C	0.00	-5.98	3.00

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

847. PARAMETER 2
 848. CODE LRFD
 849. FIXED GROUP
 850. PARAMETER 3
 851. CODE LRFD
 852. STEEL MEMBER TAKE OFF ALL

STEEL TAKE-OFF

PROFILE		LENGTH(METE)	WEIGHT (MTON)
ST	TUB808010	3.82	0.336
ST	W14X159	153.00	36.110
ST	W18X60	713.00	63.419
ST	W14X193	157.05	45.082
ST	W18X86	312.00	39.893
ST	W14X26	379.60	14.753
ST	W14X34	512.50	25.901
ST	W8X21	8.00	0.249
ST	W21X83	70.60	8.706
TB	W21X83	1.40	0.244
ST	W14X43	18.00	1.146
ST	W14X132	34.43	6.750
TB	W18X60	1.00	0.163
ST	W8X40	6.00	0.355
ST	HSST8X8X0.5	22.95	1.566
ST	W12X45	8.80	0.583

		TOTAL =	245.256

MEMBER	PROFILE	LENGTH (METE)	WEIGHT (MTON)
1	ST TUB808010	3.82	0.336
2	ST W14X159	3.82	0.903
4	ST W14X159	3.82	0.903
15	ST W18X60	2.00	0.178
18	ST W18X60	2.00	0.178
21	ST W18X60	2.00	0.178
24	ST W18X60	2.00	0.178
25	ST W14X159	3.82	0.903
26	ST W14X159	3.82	0.903
28	ST W14X159	3.82	0.903
29	ST W14X159	3.82	0.903
30	ST W14X159	3.82	0.903
31	ST W14X159	3.82	0.903
32	ST W14X193	3.82	1.098
33	ST W18X60	2.00	0.178
34	ST W18X60	2.00	0.178
35	ST W18X60	2.00	0.178
36	ST W18X86	2.00	0.256
37	ST W18X86	2.00	0.256
38	ST W18X86	2.00	0.256
39	ST W18X86	2.00	0.256
40	ST W18X86	2.00	0.256
41	ST W18X86	2.00	0.256
42	ST W18X60	2.00	0.178
43	ST W18X60	2.00	0.178

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44	ST	W18X60	2.00	0.178
45	ST	W18X60	2.00	0.178
46	ST	W18X60	2.00	0.178
47	ST	W18X60	2.00	0.178
48	ST	W18X60	2.00	0.178
49	ST	W18X60	2.00	0.178
50	ST	W18X60	2.00	0.178
51	ST	W18X60	2.00	0.178
52	ST	W18X60	2.00	0.178
53	ST	W18X60	2.00	0.178
54	ST	W14X159	3.82	0.903
55	ST	W14X159	3.82	0.903
56	ST	W14X159	3.82	0.903
57	ST	W14X159	3.82	0.903
58	ST	W14X159	3.82	0.903
59	ST	W14X159	3.82	0.903
60	ST	W14X193	3.82	1.098
61	ST	W18X60	2.00	0.178
62	ST	W18X60	2.00	0.178
63	ST	W18X60	2.00	0.178
64	ST	W18X60	2.00	0.178
65	ST	W18X60	2.00	0.178
66	ST	W18X60	2.00	0.178
67	ST	W18X60	6.00	0.534
68	ST	W18X60	2.00	0.178
69	ST	W18X60	2.00	0.178
70	ST	W18X60	2.00	0.178
71	ST	W18X60	2.00	0.178
72	ST	W18X60	2.00	0.178
73	ST	W18X60	2.00	0.178
74	ST	W18X60	2.00	0.178
75	ST	W18X60	2.00	0.178
76	ST	W18X60	2.00	0.178
77	ST	W14X26	4.30	0.167
78	ST	W14X26	4.30	0.167
79	ST	W14X26	5.28	0.205
80	ST	W14X26	5.28	0.205
81	ST	W18X60	6.00	0.534
82	ST	W14X34	6.00	0.303
83	ST	W14X34	6.00	0.303
84	ST	W18X60	6.00	0.534
85	ST	W14X34	6.00	0.303
86	ST	W14X34	6.00	0.303
87	ST	W18X60	6.00	0.534
88	ST	W14X34	6.00	0.303
89	ST	W14X34	6.00	0.303
90	ST	W18X60	0.50	0.044
91	ST	W14X34	6.00	0.303
92	ST	W14X34	6.00	0.303
93	ST	W18X60	6.00	0.534
94	ST	W14X34	6.00	0.303
95	ST	W14X34	6.00	0.303
96	ST	W18X60	0.50	0.044
97	ST	W14X34	6.00	0.303
98	ST	W14X34	6.00	0.303
99	ST	W18X60	6.00	0.534

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100	ST	W14X34	6.00	0.303
101	ST	W14X34	6.00	0.303
102	ST	W18X86	6.00	0.767
103	ST	W18X86	6.00	0.767
104	ST	W14X26	6.00	0.233
105	ST	W14X26	6.00	0.233
106	ST	W18X60	6.00	0.534
107	ST	W18X60	6.00	0.534
108	ST	W18X60	6.00	0.534
109	ST	W14X26	6.00	0.233
110	ST	W14X26	6.00	0.233
111	ST	W18X60	6.00	0.534
112	ST	W18X60	6.00	0.534
113	ST	W14X26	6.00	0.233
114	ST	W14X26	6.00	0.233
115	ST	W18X86	6.00	0.767
116	ST	W14X26	0.80	0.031
117	ST	W14X26	0.80	0.031
118	ST	W14X26	0.90	0.035
119	ST	W14X26	0.90	0.035
120	ST	W14X26	0.72	0.028
121	ST	W14X26	0.72	0.028
122	ST	W14X159	1.91	0.451
124	ST	W14X159	3.82	0.903
126	ST	W14X159	3.82	0.903
127	ST	W14X159	3.82	0.903
128	ST	W14X159	3.82	0.903
129	ST	W14X159	1.91	0.451
130	ST	W14X193	3.82	1.098
131	ST	W18X60	2.00	0.178
132	ST	W18X60	2.00	0.178
133	ST	W18X60	2.00	0.178
134	ST	W18X86	2.00	0.256
135	ST	W18X86	2.00	0.256
136	ST	W18X86	2.00	0.256
137	ST	W18X86	2.00	0.256
138	ST	W18X86	2.00	0.256
139	ST	W18X86	2.00	0.256
140	ST	W18X60	2.00	0.178
141	ST	W18X60	2.00	0.178
142	ST	W18X60	2.00	0.178
143	ST	W18X60	2.00	0.178
144	ST	W18X60	2.00	0.178
145	ST	W18X60	2.00	0.178
146	ST	W18X86	2.00	0.256
147	ST	W18X86	2.00	0.256
148	ST	W18X86	2.00	0.256
149	ST	W18X86	2.00	0.256
150	ST	W18X86	2.00	0.256
151	ST	W18X86	2.00	0.256
152	ST	W14X159	3.82	0.903
153	ST	W14X159	3.82	0.903
154	ST	W14X159	3.82	0.903
155	ST	W14X159	3.82	0.903
156	ST	W14X159	3.82	0.903
157	ST	W14X159	3.82	0.903

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158	ST	W14X193	3.82	1.098
159	ST	W18X60	2.00	0.178
160	ST	W18X60	2.00	0.178
161	ST	W18X60	2.00	0.178
162	ST	W18X60	2.00	0.178
163	ST	W18X60	2.00	0.178
164	ST	W18X60	2.00	0.178
165	ST	W18X60	2.00	0.178
166	ST	W18X60	2.00	0.178
167	ST	W18X60	2.00	0.178
168	ST	W18X60	2.00	0.178
169	ST	W18X60	2.00	0.178
170	ST	W18X60	2.00	0.178
171	ST	W18X60	2.00	0.178
172	ST	W18X60	2.00	0.178
173	ST	W18X60	2.00	0.178
174	ST	W14X26	0.72	0.028
175	ST	W14X26	0.72	0.028
176	ST	W18X60	6.00	0.534
177	ST	W14X34	6.00	0.303
178	ST	W14X34	6.00	0.303
179	ST	W18X60	6.00	0.534
180	ST	W14X34	6.00	0.303
181	ST	W14X34	6.00	0.303
182	ST	W18X60	6.00	0.534
183	ST	W14X34	6.00	0.303
184	ST	W14X34	6.00	0.303
185	ST	W18X60	6.00	0.534
186	ST	W14X34	6.00	0.303
187	ST	W14X34	6.00	0.303
188	ST	W18X60	6.00	0.534
189	ST	W14X34	6.00	0.303
190	ST	W14X34	6.00	0.303
191	ST	W18X60	6.00	0.534
192	ST	W14X34	6.00	0.303
193	ST	W14X34	6.00	0.303
194	ST	W18X60	6.00	0.534
195	ST	W14X34	6.00	0.303
196	ST	W14X34	6.00	0.303
197	ST	W18X60	6.00	0.534
198	ST	W18X86	6.00	0.767
199	ST	W14X26	6.00	0.233
200	ST	W14X26	6.00	0.233
201	ST	W18X60	6.00	0.534
202	ST	W18X60	6.00	0.534
203	ST	W18X60	6.00	0.534
204	ST	W14X26	6.00	0.233
205	ST	W14X26	6.00	0.233
206	ST	W18X60	6.00	0.534
207	ST	W14X26	6.00	0.233
208	ST	W14X26	6.00	0.233
209	ST	W18X60	6.00	0.534
210	ST	W14X26	6.00	0.233
211	ST	W14X26	6.00	0.233
212	ST	W18X86	6.00	0.767
213	ST	W14X26	5.28	0.205

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214	ST	W14X26	5.28	0.205
215	ST	W14X159	1.91	0.451
217	ST	W14X159	3.82	0.903
219	ST	W14X159	3.82	0.903
220	ST	W14X159	3.82	0.903
221	ST	W14X159	3.82	0.903
222	ST	W14X159	1.91	0.451
223	ST	W14X193	3.82	1.098
224	ST	W18X60	2.00	0.178
225	ST	W18X60	2.00	0.178
226	ST	W18X60	2.00	0.178
227	ST	W18X86	2.00	0.256
228	ST	W18X86	2.00	0.256
229	ST	W18X86	2.00	0.256
230	ST	W18X86	2.00	0.256
231	ST	W18X86	2.00	0.256
232	ST	W18X86	2.00	0.256
233	ST	W18X60	2.00	0.178
234	ST	W18X60	2.00	0.178
235	ST	W18X60	2.00	0.178
236	ST	W18X60	2.00	0.178
237	ST	W18X60	2.00	0.178
238	ST	W18X60	2.00	0.178
239	ST	W18X86	2.00	0.256
240	ST	W18X86	2.00	0.256
241	ST	W18X86	2.00	0.256
242	ST	W18X86	2.00	0.256
243	ST	W18X86	2.00	0.256
244	ST	W18X86	2.00	0.256
245	ST	W14X159	3.82	0.903
246	ST	W14X159	3.82	0.903
247	ST	W14X159	3.82	0.903
248	ST	W14X159	3.82	0.903
249	ST	W14X159	3.82	0.903
250	ST	W14X159	3.82	0.903
251	ST	W14X193	3.82	1.098
252	ST	W18X60	2.00	0.178
253	ST	W18X60	2.00	0.178
254	ST	W18X60	2.00	0.178
255	ST	W18X60	2.00	0.178
256	ST	W18X60	2.00	0.178
257	ST	W18X60	2.00	0.178
258	ST	W18X60	2.00	0.178
259	ST	W18X60	2.00	0.178
260	ST	W18X60	2.00	0.178
261	ST	W18X60	2.00	0.178
262	ST	W18X60	2.00	0.178
263	ST	W18X60	2.00	0.178
264	ST	W18X60	2.00	0.178
265	ST	W18X60	2.00	0.178
266	ST	W18X60	2.00	0.178
267	ST	W18X60	2.00	0.178
268	ST	W18X60	2.00	0.178
269	ST	W18X60	2.00	0.178
270	ST	W18X60	6.00	0.534
271	ST	W14X34	6.00	0.303

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272	ST	W14X34	6.00	0.303
273	ST	W18X60	6.00	0.534
274	ST	W14X34	6.00	0.303
275	ST	W14X34	6.00	0.303
276	ST	W18X60	6.00	0.534
277	ST	W14X34	6.00	0.303
278	ST	W14X34	6.00	0.303
279	ST	W18X60	0.50	0.044
280	ST	W14X34	6.00	0.303
281	ST	W14X34	6.00	0.303
282	ST	W18X60	0.50	0.044
283	ST	W14X34	6.00	0.303
284	ST	W14X34	6.00	0.303
285	ST	W18X86	6.00	0.767
286	ST	W14X34	6.00	0.303
287	ST	W14X34	6.00	0.303
288	ST	W18X60	6.00	0.534
289	ST	W14X34	3.20	0.162
290	ST	W14X34	3.20	0.162
291	ST	W18X60	3.20	0.285
292	ST	W18X86	6.00	0.767
293	ST	W14X26	6.00	0.233
294	ST	W14X26	6.00	0.233
295	ST	W18X60	0.50	0.044
296	ST	W14X26	6.00	0.233
297	ST	W14X26	6.00	0.233
298	ST	W18X60	6.00	0.534
299	ST	W14X26	6.00	0.233
300	ST	W14X26	6.00	0.233
301	ST	W18X60	6.00	0.534
302	ST	W14X26	6.00	0.233
303	ST	W14X26	6.00	0.233
304	ST	W18X60	6.00	0.534
305	ST	W14X26	6.00	0.233
306	ST	W14X26	6.00	0.233
307	ST	W18X60	6.00	0.534
308	ST	W14X26	3.20	0.124
309	ST	W14X26	3.20	0.124
310	ST	W18X86	3.20	0.409
311	ST	W14X159	3.82	0.903
312	ST	W14X193	3.82	1.098
313	ST	W14X193	3.82	1.098
314	ST	W14X193	3.82	1.098
317	ST	W14X193	3.82	1.098
320	ST	W14X193	3.82	1.098
321	ST	W14X193	3.82	1.098
322	ST	W18X60	2.00	0.178
323	ST	W18X60	2.00	0.178
324	ST	W18X60	2.00	0.178
325	ST	W18X60	2.00	0.178
326	ST	W18X60	2.00	0.178
327	ST	W18X60	2.00	0.178
328	ST	W18X60	2.00	0.178
329	ST	W18X60	2.00	0.178
330	ST	W18X60	2.00	0.178
331	ST	W18X60	2.00	0.178

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332	ST	W18X60	2.00	0.178
333	ST	W18X60	2.00	0.178
334	ST	W18X60	1.50	0.133
335	ST	W18X60	1.00	0.089
336	ST	W18X60	0.50	0.044
337	ST	W18X86	2.00	0.256
338	ST	W18X86	2.00	0.256
339	ST	W18X86	2.00	0.256
340	ST	W18X86	2.00	0.256
341	ST	W18X86	1.00	0.128
342	ST	W18X86	2.00	0.256
343	ST	W14X193	3.82	1.098
344	ST	W14X193	3.82	1.098
345	ST	W14X193	3.82	1.098
346	ST	W14X193	3.82	1.098
347	ST	W14X193	3.82	1.098
348	ST	W14X159	3.82	0.903
349	ST	W14X193	1.91	0.549
350	ST	W18X60	2.00	0.178
351	ST	W18X60	2.00	0.178
352	ST	W18X60	2.00	0.178
353	ST	W18X60	2.00	0.178
354	ST	W18X60	2.00	0.178
355	ST	W18X60	2.00	0.178
356	ST	W18X60	2.00	0.178
357	ST	W18X60	2.00	0.178
358	ST	W18X60	2.00	0.178
359	ST	W18X60	2.00	0.178
360	ST	W18X60	2.00	0.178
361	ST	W18X60	2.00	0.178
362	ST	W18X60	2.00	0.178
363	ST	W18X60	2.00	0.178
364	ST	W18X60	2.00	0.178
365	ST	W18X60	2.00	0.178
366	ST	W18X60	1.00	0.089
367	ST	W18X60	2.00	0.178
368	ST	W14X26	1.25	0.049
369	ST	W18X60	1.25	0.111
370	ST	W8X21	2.00	0.062
371	ST	W14X26	2.25	0.087
372	ST	W18X60	2.25	0.200
373	ST	W18X86	2.00	0.256
376	ST	W21X83	2.00	0.247
379	ST	W21X83	2.00	0.247
382	ST	W21X83	2.00	0.247
385	TB	W21X83	0.70	0.122
391	ST	W18X60	2.00	0.178
392	ST	W18X86	6.00	0.767
393	ST	W14X26	6.00	0.233
394	ST	W14X43	6.00	0.382
395	ST	W14X26	6.00	0.233
396	ST	W18X86	6.00	0.767
397	ST	W18X86	6.00	0.767
398	ST	W14X26	6.00	0.233
399	ST	W14X26	6.00	0.233
400	ST	W18X86	6.00	0.767

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401	ST	W14X26	6.00	0.233
402	ST	W14X26	6.00	0.233
403	ST	W18X86	6.00	0.767
404	ST	W8X21	2.00	0.062
405	ST	W14X26	2.50	0.097
406	ST	W18X60	2.50	0.222
425	ST	W14X132	3.82	0.750
426	ST	W14X132	3.82	0.750
427	ST	W14X132	3.82	0.750
428	ST	W14X132	3.82	0.750
429	ST	W14X132	3.82	0.750
431	ST	W14X193	3.82	1.098
432	ST	W18X60	2.00	0.178
433	ST	W18X60	2.00	0.178
434	ST	W18X60	2.00	0.178
435	ST	W18X60	2.00	0.178
436	ST	W18X60	2.00	0.178
437	ST	W18X60	2.00	0.178
438	ST	W18X60	2.00	0.178
439	ST	W18X60	2.00	0.178
440	ST	W18X60	2.00	0.178
441	ST	W18X60	2.00	0.178
442	ST	W18X60	2.00	0.178
443	ST	W18X60	2.00	0.178
444	ST	W18X60	2.00	0.178
445	ST	W18X60	2.00	0.178
446	ST	W18X60	2.00	0.178
447	ST	W18X60	2.00	0.178
448	ST	W18X60	2.00	0.178
449	ST	W18X60	2.00	0.178
450	ST	W14X26	1.75	0.068
451	ST	W18X60	1.75	0.156
452	ST	W8X21	2.00	0.062
453	ST	W14X26	2.00	0.078
454	ST	W18X60	2.00	0.178
455	ST	W18X86	2.00	0.256
458	ST	W21X83	2.00	0.247
461	ST	W21X83	2.00	0.247
464	ST	W21X83	2.00	0.247
467	ST	W21X83	2.00	0.247
473	ST	W21X83	0.70	0.086
474	ST	W18X86	6.00	0.767
475	ST	W14X26	6.00	0.233
476	ST	W14X43	6.00	0.382
477	ST	W14X26	6.00	0.233
478	ST	W18X86	6.00	0.767
479	ST	W14X26	6.00	0.233
480	ST	W14X26	6.00	0.233
481	ST	W18X60	6.00	0.534
482	ST	W14X26	6.00	0.233
483	ST	W14X26	6.00	0.233
484	ST	W18X86	6.00	0.767
485	ST	W14X26	6.00	0.233
486	ST	W14X26	6.00	0.233
487	ST	W18X60	6.00	0.534
488	ST	W14X26	6.00	0.233

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489	ST	W14X26	6.00	0.233
490	ST	W18X86	6.00	0.767
491	ST	W8X21	2.00	0.062
492	ST	W14X26	2.25	0.087
493	ST	W18X60	2.25	0.200
494	ST	W14X193	3.52	1.012
495	ST	W14X193	3.52	1.012
496	ST	W14X193	3.52	1.012
497	ST	W14X193	3.52	1.012
498	ST	W14X193	3.52	1.012
518	ST	W14X193	3.82	1.098
519	ST	W14X193	3.82	1.098
520	ST	W14X193	3.82	1.098
521	ST	W14X193	3.82	1.098
522	ST	W14X193	3.82	1.098
524	ST	W14X132	3.82	0.750
525	ST	W18X60	2.00	0.178
526	ST	W18X60	2.00	0.178
527	ST	W18X60	2.00	0.178
528	ST	W18X60	2.00	0.178
529	ST	W18X60	2.00	0.178
530	ST	W18X60	2.00	0.178
531	ST	W18X60	2.00	0.178
532	ST	W18X60	2.00	0.178
533	ST	W18X60	2.00	0.178
534	ST	W18X60	2.00	0.178
535	ST	W18X60	2.00	0.178
536	ST	W18X60	2.00	0.178
537	ST	W18X60	2.00	0.178
538	ST	W18X60	2.00	0.178
539	ST	W18X60	2.00	0.178
540	ST	W18X60	2.00	0.178
541	ST	W18X60	2.00	0.178
542	ST	W18X60	2.00	0.178
547	ST	W18X86	2.00	0.256
550	ST	W18X60	0.50	0.044
553	ST	W18X60	2.00	0.178
556	ST	W18X60	2.00	0.178
559	TB	W18X60	0.50	0.082
565	ST	W21X83	2.00	0.247
566	ST	W18X86	6.00	0.767
567	ST	W14X26	6.00	0.233
568	ST	W14X26	6.00	0.233
569	ST	W18X60	6.00	0.534
570	ST	W14X26	6.00	0.233
571	ST	W14X26	6.00	0.233
572	ST	W18X60	6.00	0.534
573	ST	W14X26	6.00	0.233
574	ST	W14X26	6.00	0.233
575	ST	W18X60	6.00	0.534
576	ST	W14X26	6.00	0.233
577	ST	W14X26	6.00	0.233
578	ST	W18X60	6.00	0.534
579	ST	W14X26	6.00	0.233
580	ST	W14X26	6.00	0.233
581	ST	W18X60	6.00	0.534

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582	ST	W14X26	6.00	0.233
583	ST	W14X26	6.00	0.233
584	ST	W18X86	6.00	0.767
585	ST	W14X193	3.52	1.012
586	ST	W14X193	3.52	1.012
587	ST	W14X193	3.52	1.012
588	ST	W14X193	3.52	1.012
589	ST	W14X193	3.52	1.012
590	ST	W14X193	3.52	1.012
609	ST	W14X193	3.82	1.098
610	ST	W14X193	3.82	1.098
611	ST	W14X193	3.82	1.098
612	ST	W14X193	3.82	1.098
613	ST	W14X193	3.82	1.098
615	ST	W14X193	3.82	1.098
616	ST	W18X60	2.00	0.178
617	ST	W18X60	2.00	0.178
618	ST	W18X60	2.00	0.178
619	ST	W18X60	2.00	0.178
620	ST	W18X60	2.00	0.178
621	ST	W18X60	2.00	0.178
622	ST	W18X60	2.00	0.178
623	ST	W18X60	2.00	0.178
624	ST	W18X60	2.00	0.178
625	ST	W18X60	2.00	0.178
626	ST	W18X60	2.00	0.178
627	ST	W18X60	2.00	0.178
628	ST	W18X60	2.00	0.178
629	ST	W18X60	2.00	0.178
630	ST	W18X60	2.00	0.178
631	ST	W18X60	2.00	0.178
632	ST	W18X60	2.00	0.178
633	ST	W18X60	2.00	0.178
720	ST	W14X193	3.52	1.012
726	ST	W18X60	2.00	0.178
731	ST	W14X159	3.82	0.903
732	ST	W18X86	6.00	0.767
733	ST	W18X86	2.00	0.256
734	ST	W18X86	1.00	0.128
735	ST	W18X86	2.00	0.256
736	ST	W18X86	2.00	0.256
737	ST	W21X83	2.00	0.247
738	ST	W21X83	2.00	0.247
739	ST	W14X34	6.00	0.303
740	ST	W14X34	6.00	0.303
741	ST	W21X83	2.00	0.247
742	ST	W21X83	2.00	0.247
743	ST	W14X34	6.00	0.303
744	ST	W14X34	6.00	0.303
745	ST	W18X86	6.00	0.767
746	ST	W21X83	2.00	0.247
747	ST	W21X83	1.00	0.123
748	ST	W21X83	2.00	0.247
749	ST	W21X83	2.00	0.247
750	ST	W14X34	6.00	0.303
751	ST	W14X34	6.00	0.303

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752	ST	W14X34	6.00	0.303
753	ST	W14X34	6.00	0.303
754	ST	W18X86	6.00	0.767
755	ST	W21X83	2.00	0.247
756	ST	W21X83	2.00	0.247
757	ST	W21X83	2.00	0.247
758	ST	W21X83	2.00	0.247
759	ST	W14X34	6.00	0.303
760	ST	W14X34	6.00	0.303
761	ST	W14X34	6.00	0.303
762	ST	W14X34	6.00	0.303
763	ST	W18X86	1.50	0.192
764	ST	W21X83	2.00	0.247
765	ST	W21X83	1.00	0.123
766	ST	W21X83	2.00	0.247
767	ST	W21X83	1.30	0.160
768	ST	W18X60	1.50	0.133
769	ST	W18X60	1.50	0.133
770	ST	W14X34	6.00	0.303
771	ST	W14X34	6.00	0.303
772	ST	W21X83	2.00	0.247
773	ST	W21X83	2.00	0.247
774	ST	W18X86	6.00	0.767
775	ST	W18X86	6.00	0.767
776	ST	W21X83	2.00	0.247
777	ST	W21X83	2.00	0.247
778	ST	W14X34	6.00	0.303
779	ST	W14X43	6.00	0.382
780	ST	W21X83	2.00	0.247
782	ST	W14X34	6.00	0.303
783	ST	W14X34	6.00	0.303
784	ST	W18X60	2.00	0.178
785	ST	W18X60	2.00	0.178
786	ST	W21X83	2.00	0.247
787	ST	W21X83	2.00	0.247
788	ST	W14X34	6.00	0.303
789	ST	W14X34	6.00	0.303
790	ST	W14X34	6.00	0.303
791	ST	W14X34	6.00	0.303
792	ST	W14X159	3.82	0.903
793	ST	W18X86	6.00	0.767
794	ST	W18X86	6.00	0.767
795	ST	W18X86	6.00	0.767
796	ST	W18X86	6.00	0.767
797	ST	W18X86	6.00	0.767
798	ST	W18X86	6.00	0.767
799	ST	W18X86	6.00	0.767
800	ST	W18X86	6.00	0.767
801	ST	W18X86	6.00	0.767
802	ST	W18X86	6.00	0.767
803	ST	W18X86	2.00	0.256
804	ST	W18X86	2.00	0.256
805	ST	W18X60	2.00	0.178
806	ST	W18X60	1.50	0.133
807	ST	W18X60	2.00	0.178
808	ST	W18X60	2.00	0.178

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809	ST	W18X60	2.00	0.178
810	ST	W18X60	2.00	0.178
811	ST	W18X60	2.00	0.178
812	ST	W18X60	1.50	0.133
813	ST	W21X83	2.00	0.247
814	ST	W21X83	1.30	0.160
815	ST	W14X34	6.00	0.303
816	ST	W14X34	6.00	0.303
817	ST	W14X34	6.00	0.303
818	ST	W14X34	6.00	0.303
819	ST	W14X34	6.00	0.303
820	ST	W14X34	6.00	0.303
821	ST	W14X34	6.00	0.303
822	ST	W14X34	6.00	0.303
823	ST	W18X86	6.00	0.767
824	ST	W18X86	6.00	0.767
825	ST	W18X60	2.00	0.178
826	ST	W18X60	2.00	0.178
827	ST	W18X60	2.00	0.178
828	ST	W14X34	6.00	0.303
829	ST	W14X34	6.00	0.303
830	ST	W14X34	6.00	0.303
831	ST	W14X34	6.00	0.303
832	ST	W21X83	2.00	0.247
833	ST	W18X60	6.00	0.534
834	ST	W18X60	6.00	0.534
835	ST	W18X60	6.00	0.534
836	ST	W18X60	2.00	0.178
837	ST	W18X60	2.00	0.178
838	ST	W18X60	2.00	0.178
839	ST	W18X60	2.00	0.178
840	ST	W18X60	2.00	0.178
841	ST	W18X60	2.00	0.178
842	ST	W18X60	2.00	0.178
843	ST	W18X60	2.00	0.178
844	ST	W14X34	6.00	0.303
845	ST	W14X34	6.00	0.303
846	ST	W14X34	6.00	0.303
847	ST	W14X34	6.00	0.303
848	ST	W14X34	6.00	0.303
849	ST	W14X34	6.00	0.303
850	ST	W18X60	2.00	0.178
851	ST	W18X60	2.00	0.178
854	ST	W14X34	2.00	0.101
855	ST	W14X34	0.50	0.025
856	ST	W18X86	1.00	0.128
857	ST	W21X83	1.00	0.123
858	ST	W21X83	1.00	0.123
862	ST	W18X60	1.00	0.089
863	ST	W18X60	0.50	0.044
864	ST	W18X60	1.00	0.089
865	ST	W18X60	0.50	0.044
866	ST	W8X40	2.00	0.118
867	ST	W8X40	2.00	0.118
868	ST	W18X60	5.00	0.445
869	ST	W18X60	5.00	0.445

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870	ST	W18X60	0.50	0.044
871	ST	W18X60	0.50	0.044
872	ST	W18X60	5.00	0.445
873	ST	W18X60	0.50	0.044
874	ST	W18X60	5.00	0.445
875	ST	W18X60	0.50	0.044
876	ST	W18X60	1.50	0.133
877	ST	W18X60	1.50	0.133
878	ST	W18X60	0.50	0.044
879	TB	W18X60	0.50	0.082
880	ST	W21X83	1.30	0.160
881	ST	W21X83	0.70	0.086
882	ST	W21X83	1.30	0.160
883	TB	W21X83	0.70	0.122
884	ST	W18X60	5.00	0.445
885	ST	W18X60	0.50	0.044
886	ST	W14X132	3.82	0.750
887	ST	W14X132	3.82	0.750
888	ST	W14X132	3.82	0.750
889	ST	W18X60	1.00	0.089
890	ST	W18X60	1.00	0.089
891	ST	W8X40	2.00	0.118
892	ST	W18X60	1.00	0.089
893	ST	W14X34	2.00	0.101
894	ST	W18X86	1.50	0.192
895	ST	W14X34	2.00	0.101
896	ST	W18X60	1.50	0.133
897	ST	W18X60	1.50	0.133
898	ST	W14X34	2.00	0.101
899	ST	W18X60	0.50	0.044
900	ST	W18X60	0.50	0.044
901	ST	W14X34	2.00	0.101
902	ST	W18X60	0.50	0.044
903	ST	W18X86	1.50	0.192
904	ST	W14X34	2.00	0.101
905	ST	W18X60	1.50	0.133
906	ST	W18X86	1.50	0.192
907	ST	W14X34	2.00	0.101
908	ST	W14X34	2.80	0.142
909	ST	W18X60	2.80	0.249
910	ST	W14X34	1.00	0.051
911	ST	W14X34	2.00	0.101
912	ST	W18X86	1.00	0.128
913	ST	W14X34	1.00	0.051
914	ST	W14X34	2.80	0.142
915	ST	HSST8X8X0.5	3.82	0.261
916	ST	HSST8X8X0.5	3.82	0.261
917	ST	HSST8X8X0.5	3.82	0.261
918	ST	W18X60	1.00	0.089
919	ST	HSST8X8X0.5	1.91	0.130
920	ST	HSST8X8X0.5	1.91	0.130
921	ST	W18X86	2.80	0.358
922	ST	HSST8X8X0.5	1.91	0.130
923	ST	W14X193	1.91	0.549
924	ST	HSST8X8X0.5	0.36	0.024
925	ST	W12X45	3.00	0.199

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926	ST	HSST8X8X0.5	0.36	0.024
927	ST	HSST8X8X0.5	1.91	0.130
928	ST	W12X45	3.00	0.199
929	ST	W12X45	2.80	0.185
930	ST	W14X26	2.80	0.109
931	ST	HSST8X8X0.5	1.55	0.106
932	ST	HSST8X8X0.5	1.55	0.106
933	ST	W14X26	2.80	0.109
934	ST	W14X26	2.80	0.109
936	ST	W14X26	2.80	0.109
937	ST	W14X26	1.00	0.039
938	ST	W14X26	1.00	0.039
939	ST	W14X34	2.00	0.101
940	ST	W14X34	6.00	0.303

TOTAL = 245.256

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

853. PARAMETER 4

854. CODE LRFD

855. STEEL TAKE OFF ALL

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STEEL TAKE-OFF

PROFILE	LENGTH(METE)	WEIGHT (MTON)
ST TUB808010	3.82	0.336
ST W14X159	153.00	36.110
ST W18X60	713.00	63.419
ST W14X193	157.05	45.082
ST W18X86	312.00	39.893
ST W14X26	379.60	14.753
ST W14X34	512.50	25.901
ST W8X21	8.00	0.249
ST W21X83	70.60	8.706
TB W21X83	1.40	0.244
ST W14X43	18.00	1.146
ST W14X132	34.43	6.750
TB W18X60	1.00	0.163
ST W8X40	6.00	0.355
ST HSST8X8X0.5	22.95	1.566
ST W12X45	8.80	0.583

	TOTAL =	245.256

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

856. FINISH

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

**** DATE= APR 20,2018 TIME= 11:27:15 ****

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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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