



PROYECTO CENTRO DE SERVICIO INFONAVIT (CESI), MERIDA.

Proyecto Ejecutivo – Memoria de Cálculo de
Estructuras.

Ref. E17/MX-1161 _ Rev. 00

FEBRERO 2018



RIVERO BORRELL - GUTARQS
Arquitectos

ingenor

ENGINEERING >
ARCHITECTURE >
PROJECT >



ingenor		ENCARGO: PROYECTO CENTRO DE SERVICIOS INFONAVIT (CESI) MERIDA.			
N°: MX-1161	TITULO: -Memoria de Cálculo de Estructuras-				
FECHA: FEBRERO/2018					
ADJUNTO: -	COPIAS	CLIENTE	INGENOR		
		1	1		

Índice

1	INTRODUCCIÓN Y OBJETIVO.	3
2	DESCRIPCIÓN GENERAL DEL PROYECTO.	3
3	MODELO MATEMATICO.	4
4	REGLAMENTOS Y MANUALES EMPLEADOS.	5
5	MATERIALES.	5
5.1	CONCRETO.	5
5.2	ACERO DE REFUERZO Y ANCLAS.	5
5.3	ACERO ESTRUCTURAL.	5
5.4	SOLDADURA.	5
6	ANÁLISIS DE CARGAS.	6
6.1	ACCIONES PERMANENTES.	6
6.1.1	CARGAS MUERTAS.	6
6.2	ACCIONES VARIABLES.	6
6.2.1	CARGAS VIVAS.	6
7	ANÁLISIS SISMICO.	7
8	COMBINACIONES DE ACCIONES.	8
9	ANÁLISIS ESTRUCTURAL.	9
10	REVISION DE DESPLAZAMIENTOS.	11
11	REVISION DE ESFUERZOS EN ELEMENTOS ESTRUCTURALES	13
12	DISEÑO DE ELEMENTOS ESTRUCTURALES.	14
	ANEXO 1 CORRIDA DEL PROGRAMA	



1 INTRODUCCIÓN Y OBJETIVO.

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

El proyecto CESI Mérida, con una superficie de terreno de 7356.79 m² de oficinas (2 niveles de oficinas y estacionamiento). Se encuentra localizado en Calle 39 con la Extensión de 32 M-204 Secc. Catastral 13, No° 512D, Mérida Yucatán. El objetivo de la presente memoria de cálculo es presentar la visión global del proyecto de la ingeniería hidráulica.

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

2 DESCRIPCIÓN GENERAL DEL PROYECTO.

Compuesto por un predio de forma irregular y topografía plana. Con base a la constancia de alineamiento las medidas generales son las siguientes, al Norte colinda con la Calle treinta y nueve, al Este con predios particulares, al Oeste con el predio 438-B y la calle 74 y al Sur con la calle 41.



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



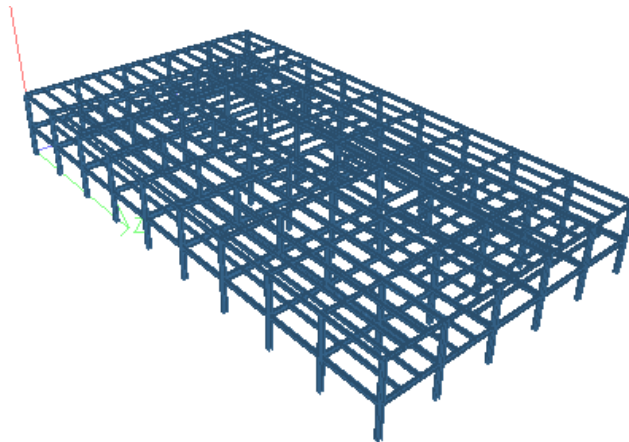
3 MODELO MATEMATICO.

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

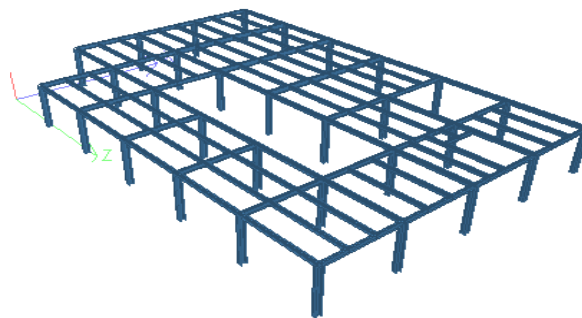
Las cargas gravitacionales (Carga Muerta y Carga Viva) se consideraron como cargas uniformemente repartidas en las traveses de cada nivel y el peso propio de la estructura es calculado directamente por el programa de análisis al declararle el comando self weight a todos los elementos que conforman el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



Isométrico de Modelo de CESI.



4 REGLAMENTOS Y MANUALES EMPLEADOS.

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

- Reglamento de Construcciones del Municipio de Mérida.
- Reglamento de Construcciones del Distrito Federal. (R.C.D.F.), Edición 2004
- Normas Técnicas Complementarias para el Diseño por Sismo. (N.T.C.D.S.)
- Normas Técnicas Complementarias sobre Criterios y Acciones para el Diseño Estructural de las Edificaciones. (N.T.C.C.A.D.E.E.)
- Normas Técnicas Complementarias para Diseño y Construcción de Estructuras Metálicas. (N.T.C.D.C.E.M.)
- Normas Técnicas Complementarias para Diseño y Construcción de Cimentaciones. (N.T.C.D.C.C.)
- Manual de Construcción en Acero IMCA.
- Manual de Diseño de Obras Civiles Diseño por Sismo. (M.D.O.C.D.S.)
- American Concrete Institute (ACI), Edición ACI 318-11.
- American Institute of Steel Construction. (AISC-LRFD)

5 MATERIALES.

5.1 CONCRETO.

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

5.2 ACERO DE REFUERZO Y ANCLAS.

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

Anclas ASTM A-36.

5.3 ACERO ESTRUCTURAL.

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

5.4 TORNILLOS

Tornillos estructurales deberán ser A-325 de alta resistencia.

5.5 SOLDADURA.

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



6 ANÁLISIS DE CARGAS.

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

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

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

6.1 ACCIONES PERMANENTES.

6.1.1 CARGAS MUERTAS.

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

Entrepiso

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

TOTAL = 399 kg/m²

Azotea

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

TOTAL = 469 kg/m²

6.2 ACCIONES VARIABLES.

6.2.1 CARGAS VIVAS.

De acuerdo al Artículo 161 Reglamento de Construcciones del Distrito Federal (R.C.D.F.) se considerarán como Cargas Vivas las fuerzas que se producen por el uso y ocupación de las edificaciones y que no tienen carácter permanente. A menos que se justifiquen racionalmente otros valores, estas cargas se tomarán iguales a las especificadas en las



Normas Técnicas Complementarias sobre Criterios y Acciones para el Diseño Estructural de las Edificaciones (N.T.C.C.A.D.E.E).

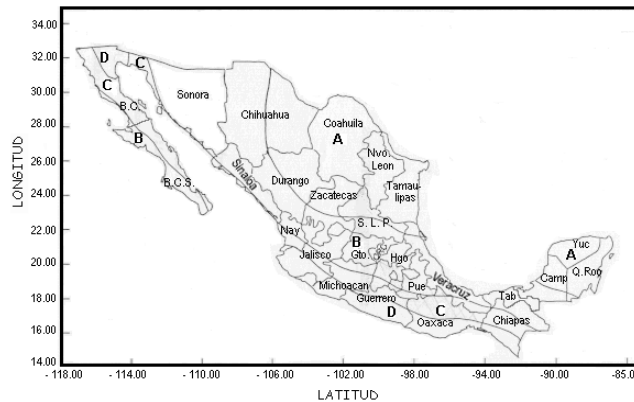
Destino de piso o cubierta.	Carga Viva Máxima (Wm) Kg/m2	Carga Viva Instantánea (Wa) Kg/m2
Oficinas	250	180
Azotea pendiente < 5%	100	70

7 ANALISIS SISMICO.

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

Los parámetros del análisis es el siguiente:

- Clasificación de la estructura según su uso Grupo B
- Zona Sísmica A
- Clasificación del suelo Tipo I
- Coeficiente sísmico c = 0.12
- Factor de comportamiento sísmico Q = 2



Regionalización Sísmica de la República Mexicana.

Espectro de diseño:

$a = a_0 + (c - a_0)(T/T_a)$ para T menor que T_a

$a = c$ para T entre T_a y T_b

$a = qc$ para T mayor que T_b

$q = (T_b/T)r$

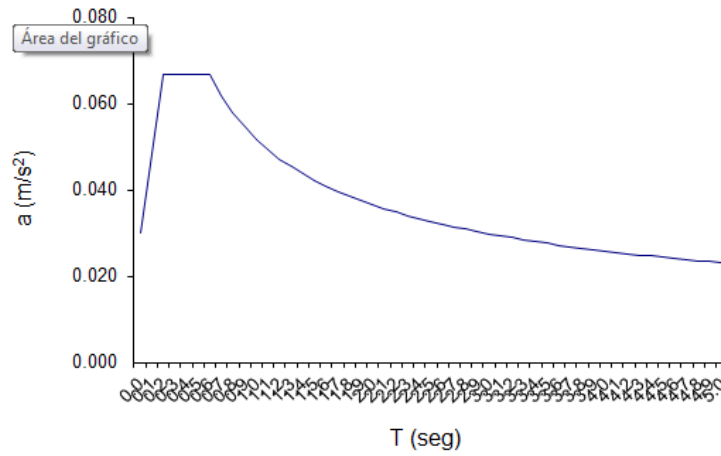
$a_0 = 0.03$

$T_a = 0.20 \text{ seg} ; T_b = 0.60 \text{ seg}$

$r = 1/2$



Espectro de diseño



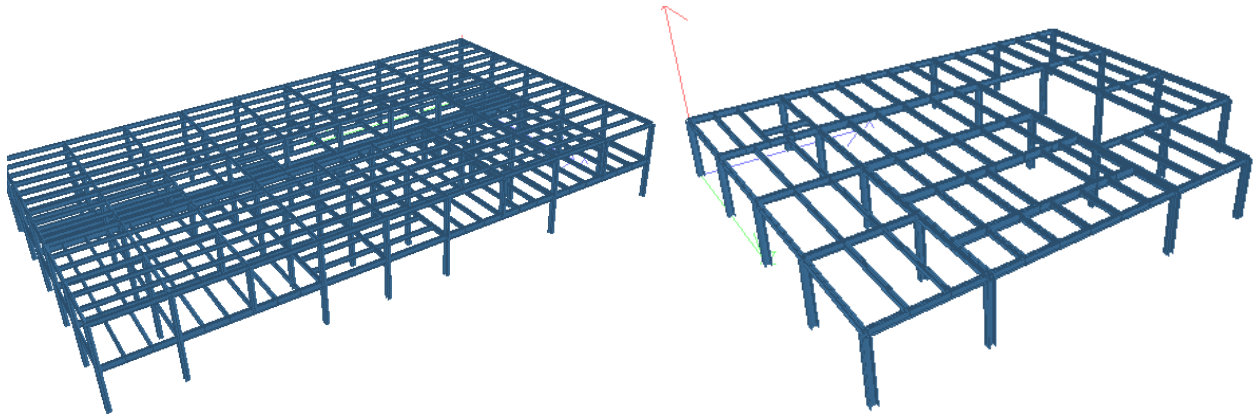
8 COMBINACIONES DE ACCIONES.

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

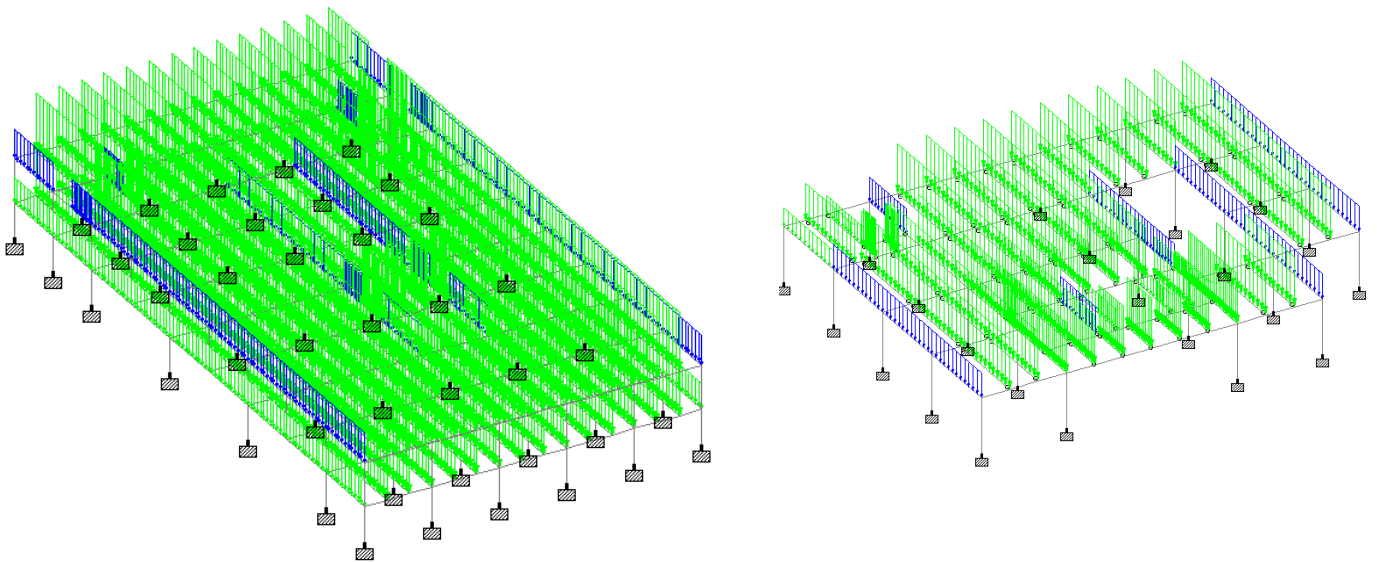
COMBINACIONES DE SERVICIO
1.0 (PP+CM + CV Max.)
1.0 (PP+CM + CV Inst. + Sx +0.3 Sz)
1.0 (PP+CM + CV Inst. + Sx - 0.3 Sz)
1.0 (PP+CM + CV Inst. - Sx + 0.3 Sz)
1.0 (PP+CM + CV Inst. - Sx - 0.3 Sz)
1.0 (PP+CM + CV Inst. + 0.3 Sx + Sz)
1.0 (PP+CM + CV Inst. + 0.3 Sx - Sz)
1.0 (PP+CM + CV Inst. - 0.3 Sx +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



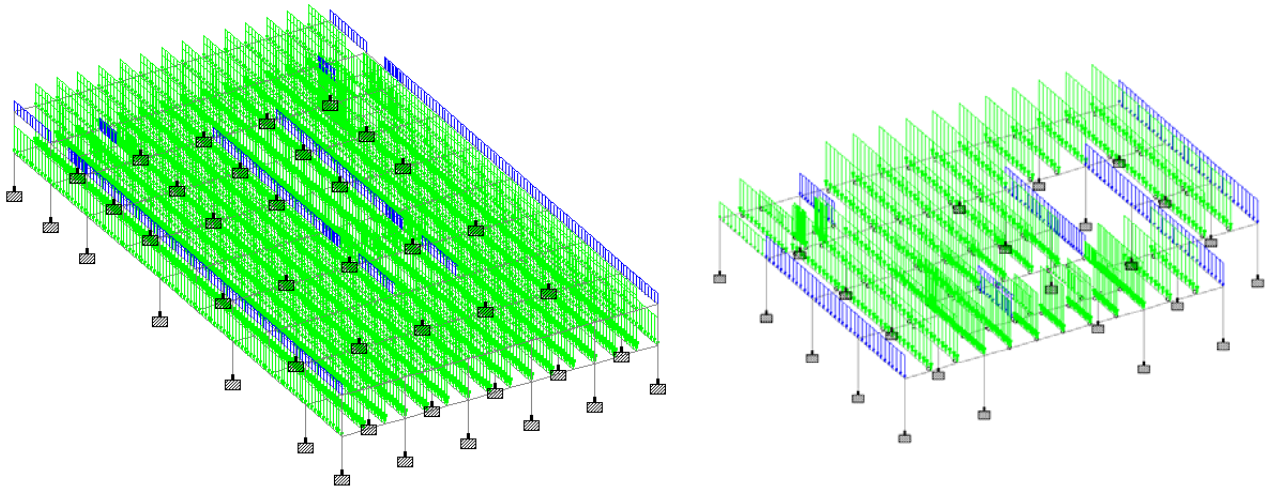
9 ANALISIS ESTRUCTURAL.



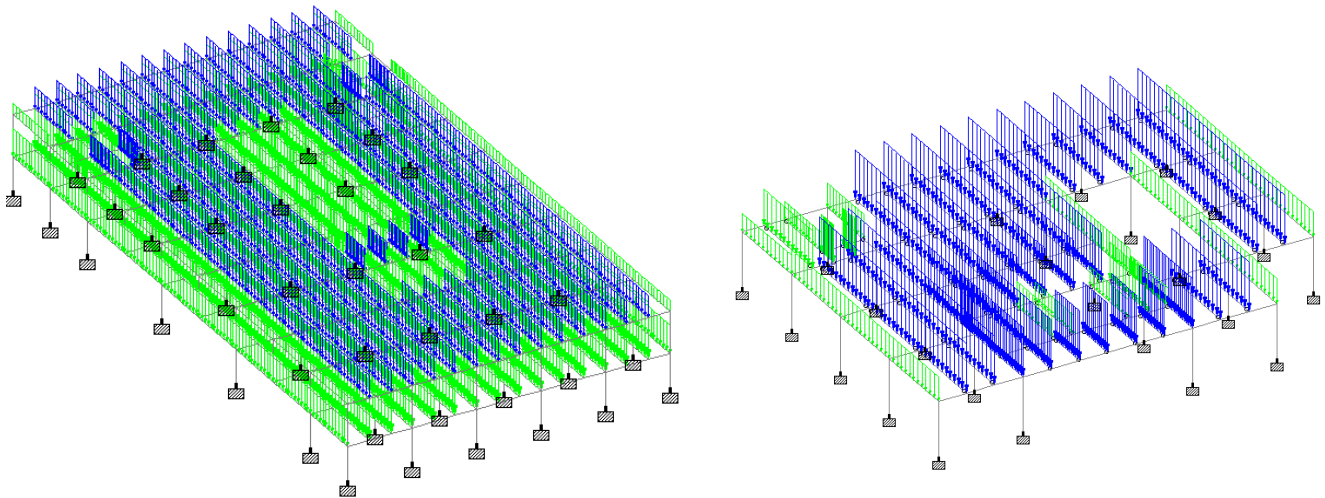
Estructuración Área de Delegación y CESI.



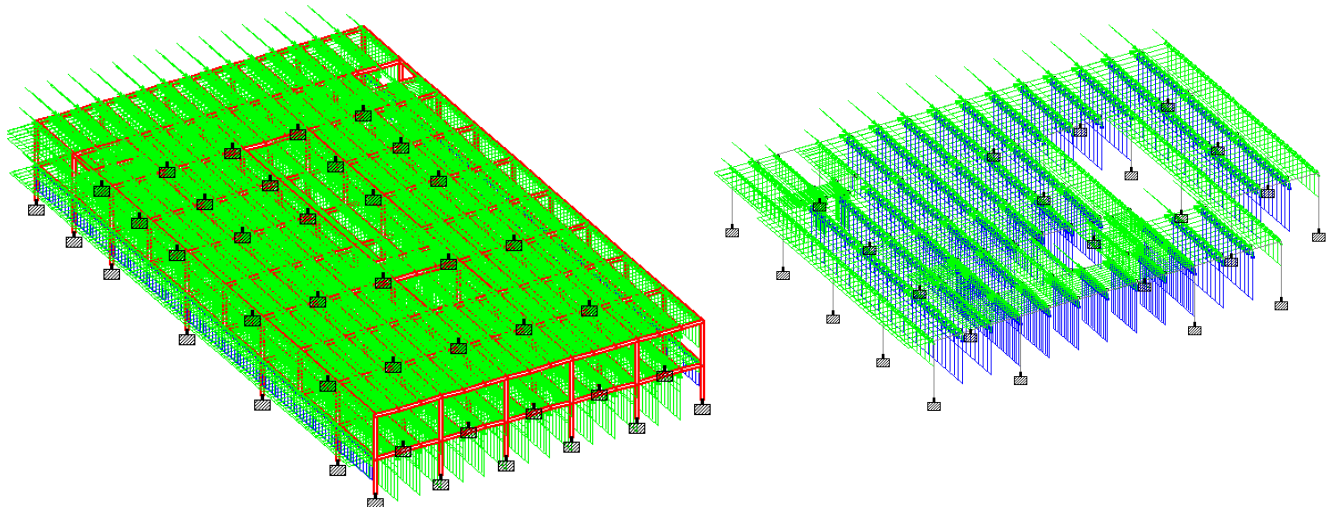
Carga Muerta en Área de Delegación y CESI.



Carga Viva Máxima en Área de Delegación y CESI.



Carga Viva Instantánea en Área de Delegación y CESI.



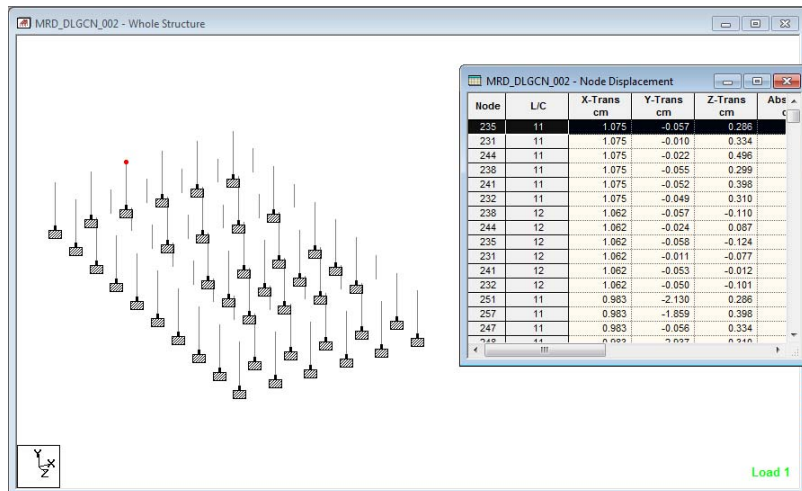
Carga de Sismo en Área de Delegación y CESI.

10 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.

Dirección X

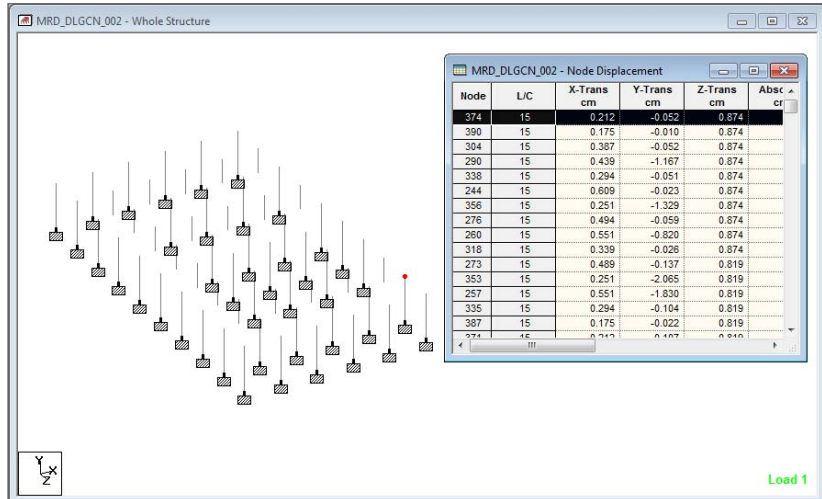


$$\Delta_{adm} = 0.012 \times h = 0.012 \times 690 \text{ cm} = \mathbf{8.28 \text{ cm}}$$

$$\Delta_{real} = 1.08 \text{ cm} \times 2 = \mathbf{2.16 \text{ cm}} < \Delta_{adm} ; \mathbf{O.k.}$$



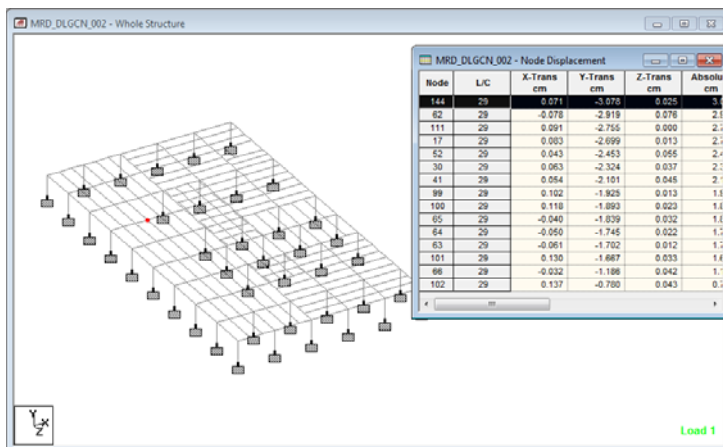
Dirección Z



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

$\Delta real = 0.87 \text{ cm} \times 2 = \mathbf{1.74 \text{ cm}} < \Delta adm ; \mathbf{O.k.}$

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

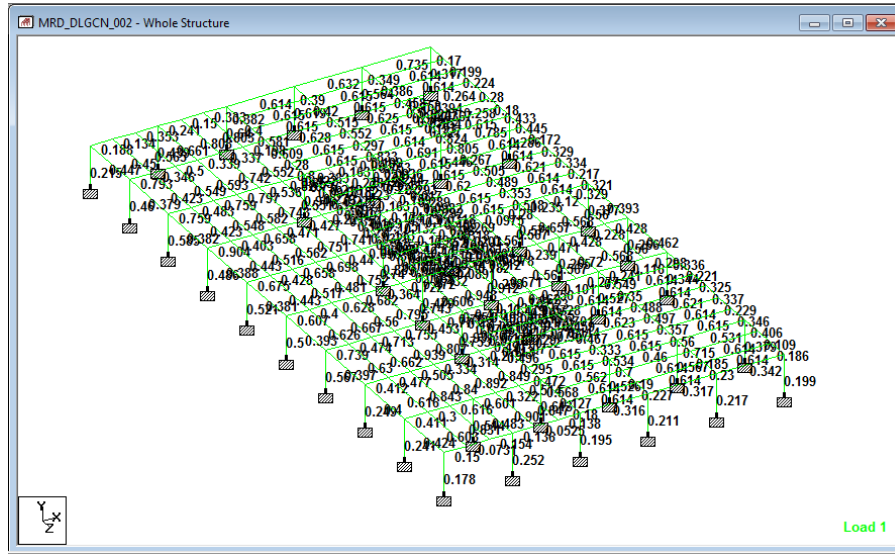


$\Delta adm = L \times 240 + 0.5 \text{ cm} = 1200 / 240 + 0.5 \text{ cm} = \mathbf{5.5 \text{ cm}}$

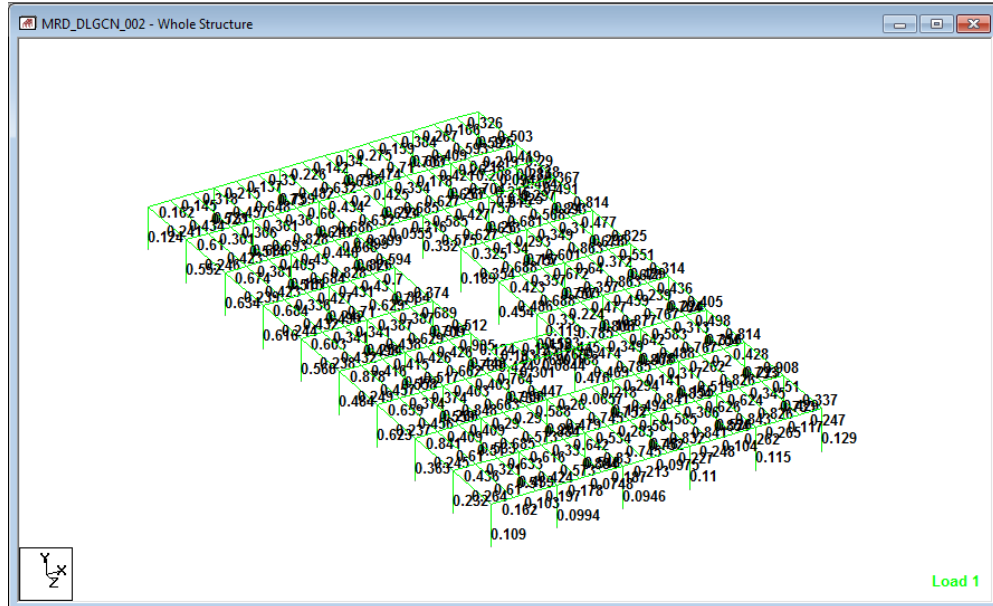
$\Delta = \mathbf{3.08 \text{ cm}} < \Delta adm ; \mathbf{O.k.}$



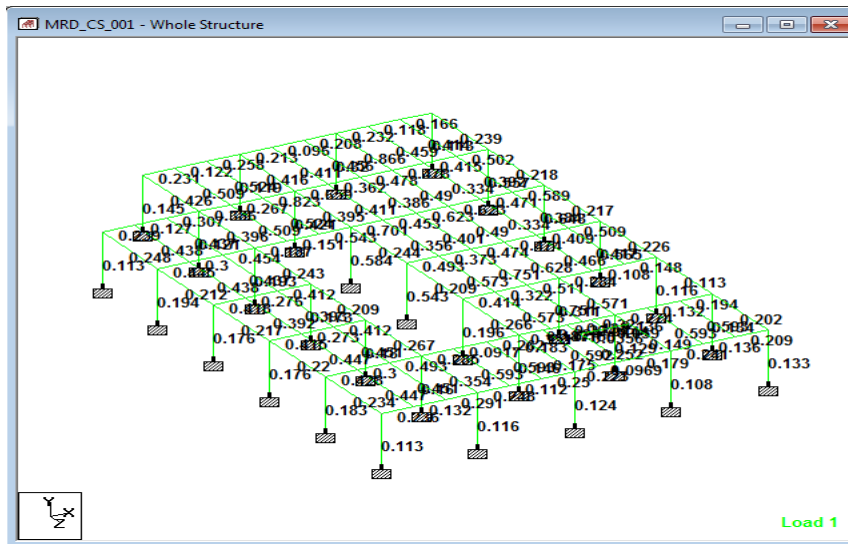
11 REVISION DE ESFUERZOS EN ELEMENTOS ESTRUCTURALES



Esfuerzos en columnas y vigas Nivel de Estacionamiento Área de Delegación.



Esfuerzos en columnas y vigas Nivel de Oficinas Área de Delegación.

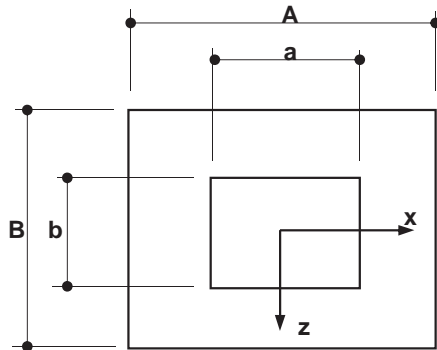


Esfuerzos en columnas y vigas Área de CESI.

12 DISEÑO DE ELEMENTOS ESTRUCTURALES.

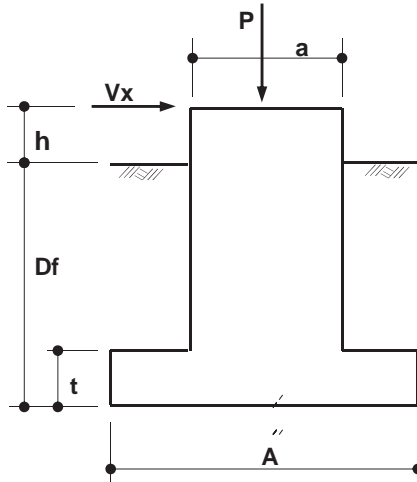
Se diseñarán los elementos de la estructura de acuerdo con los lineamientos vigentes del R.C.D.F., así como las N.TC.-2004 con las combinaciones de carga aplicando los efectos de sismo,

GEOMETRIA DE LA ZAPATA



PLANTA DE CIMENTACIÓN

Df =	1.50	m
h =	0.00	m
t =	0.45	m
A =	3.00	m
B =	3.00	m
a =	0.65	m
b =	0.65	m
q ad =	60.00	ton/m ²
γs =	2.20	ton/m ³



ELEVACION DE CIMENTACIÓN

A =	9.00	m ²
Sx =	4.50	m ³
Sz =	4.50	m ³

REFERENCIAS

COMBINACIONES DE CARGA

REACCIONES

Nodo 18 Comb : 10

Cargas sin Factorizar

Revisión esfuerzos en el terreno

P =	141.44	ton
Mx =	0.96	ton·m
Mz =	17.19	ton·m
Fx =	-10.39	ton
Fz =	0.34	ton

Nodo 18 Comb : 20

Cargas Factorizadas

Diseño estructural de zapata

P =	210.20	ton
Mx =	-1.32	ton·m
Mz =	18.81	ton·m
Fx =	-20.18	ton
Fz =	-1.24	ton

REFERENCIAS

ACCIONES

Revisión esfuerzos en el terreno

P = -141.44 ton
 Mx = -0.96 ton·m
 Mz = -17.19 ton·m
 Fx = 10.39 ton
 Fz = -0.34 ton

Diseño estructural de zapata

P = -210.20 ton
 Mx = 1.32 ton·m
 Mz = -18.81 ton·m
 Fx = 20.18 ton
 Fz = 1.24 ton

$M_x = (F_z \cdot (D_f + h)) + M_x$
 $M_z = (-F_x \cdot (D_f + h)) + M_z$

ELEMENTOS MECÁNICOS

Revisión esfuerzos en el terreno

P = 141.44 ton
 Mx = 1.47 ton·m
 Mz = 32.78 ton·m
 Fx = 10.39 ton
 Fz = 0.34 ton

Diseño estructural de zapata

P = 210.20 ton
 Mx = 3.18 ton·m
 Mz = 49.08 ton·m
 Fx = 20.18 ton
 Fz = 1.24 ton

MOMENTO RESISTENTE

ELEMENTO	PESO (para rev. de esfuerzos)	PESO (para diseño de zapata)
DADO	1.06 ton	1.06 ton
ZAPATA	9.72 ton	9.72 ton
RELLENO	19.81 ton	19.81 ton
AXIAL (P)	141.44 ton	210.20 ton
TOTAL=	172.04 ton	240.80 ton

Mrx = 258.05 ton·m
 Mrz = 258.05 ton·m

REVISIÓN CONTRA VOLTEO

En eje X

Mrx = 258.05 ton·m
 Mx = 1.47 ton·m

Fvol ≤ (Mrx / Mx)

1.5 < 175.43 **Correcto**

En eje Z

Mrz = 258.05 ton·m
 Mz = 32.78 ton·m

Fvol ≤ (Mrz / Mz)

1.5 < 7.87 **Correcto**

REFERENCIAS

TIPO DE CASO PARA EL DIAGRAMA DE PRESIONES

$e_x = M_z / \text{Peso} =$	0.19	m
$e_z = M_x / \text{Peso} =$	0.01	m
$F = B/2 - e_z =$	1.49	m
$E = A/2 - e_x =$	1.31	m
$A =$	3.00	m
$B =$	3.00	m
$E/A =$	0.44	m
$F/B =$	0.50	m

CASO TIPO : I
CON LOS VALORES OBTENIDOS DE E/A Y F/B SE ENTRA A LA GRAFICA 8-19A(d) Y DEPENDIENDO DEL AREA DONDE SE INTERSECTEN SERA EL TIPO DE CASO

EL TIPO DE CASO SE OBTIENE DE LA FIGURA 8-19A (d) DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

CASO I

$$q_{rev} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 19.44 < 60.00 \text{ ton/m}^2$$

$q_{rev} < q_{ad}$ **Correcto**

Esfuerzo factorizado para Diseño

$$q_{dis} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 27.21$$

CASO II No aplica

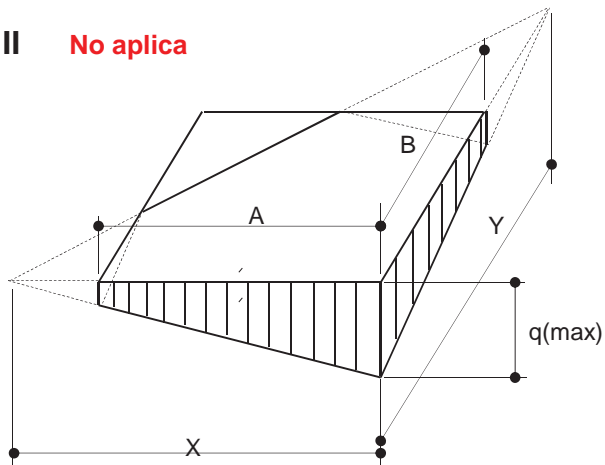


DIAGRAMA DE PRESIONES PARA CASO II FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

SE UTILIZA EL METODO DE PRUEBA Y ERROR, EN EL CUAL SE UTILIZA PRIMERAMENTE LA GRAFICA SUPERIOR ENTRANDO CON LOS VALORES DE A/X=1 Y F/B (YA OBTENIDO), ENCONTRANDO B/Y; AHORA EN LA GRAFICA DE ABAJO SE ENTRA CON ESE VALOR OBTENIDO DE B/Y Y EL VALOR DE E/A (YA OBTENIDO), ENCONTRANDO A/X; REGRESANDO A LA GRAFICA SUPERIOR SE ENTRA AHORA CON EL VALOR OBTENIDO DE A/X Y DE NUEVO EL VALOR DE F/B, SE OBTIENE B/Y, POR ULTIMO DE NUEVO EN LA GRAFICA DE ABAJO CON B/Y Y E/A ENCONTRAMOS A/X

UTILIZANDO EL METODO Y GRAFICA DE LA FIG. 8-19A DEL LIBRO FOUNDATIONS OF STRUCTURES DE CLARENCE W. DUNHAM, SE OBTUVIERON LOS VALORES DE X, Y

INICIANDO CON	$(A/X)_1 =$	$F/B =$	$(B/Y)_1 =$	SE OBTIENE
AHORA PARA	$(B/Y)_1 =$	$E/A =$	$(A/X)_2 =$	SE OBTIENE

REFERENCIAS

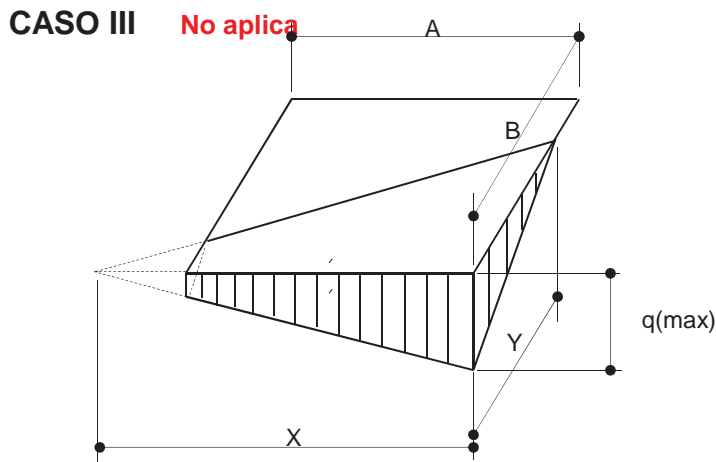
AHORA PARA $(A/X)^2 =$ $F/B =$ $(B/Y)^2 =$ SE OBTIENE

AHORA PARA $(B/Y)^2 =$ $E/A =$ $(A/X)^3 =$ SE OBTIENE

X =
Y =

$q_{rev} = 6 \cdot P / ((XY(1-(1-B/Y)^3)-(1-(A/X)^3)) =$ $q_{rev} < q_{ad}$ ton/m²

Esfuerzo factorizado para Diseño
 $q_{dis} = 6 \cdot P / ((XY(1-(1-B/Y)^3)-(1-(A/X)^3)) =$



SE UTILIZA EL METODO DE PRUEBA Y ERROR, EN EL CUAL SE UTILIZA PRIMERAMENTE LA GRAFICA SUPERIOR ENTRANDO CON LOS VALORES DE A/X=1 Y F/B (YA OBTENIDO), ENCONTRANDO B/Y; AHORA EN LA GRAFICA DE ABAJO SE ENTRA CON ESE VALOR OBTENIDO DE B/Y Y EL VALOR DE E/A (YA OBTENIDO), ENCONTRANDO A/X

INICIANDO CON $(A/X)^1 =$ $F/B =$ $(B/Y)^1 =$ SE OBTIENE

AHORA PARA $(B/Y)^1 =$ $E/A =$ $(A/X)^2 =$ SE OBTIENE

X =

$\frac{Y}{X} = \frac{3 \times F}{X - E}$ $Y = \frac{3 \times X \times X}{X - E}$ Y =

$q_{rev} = 6 \cdot P / ((XY(1-(1-(A/X)^3)) =$ $q_{rev} < q_{ad}$ ton/m²

Esfuerzo factorizado para Diseño
 $q_{dis} = 6 \cdot P / ((XY(1-(1-(A/X)^3)) =$

DIAGRAMA DE PRESIONES PARA CASO III FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

UTILIZANDO EL METODO Y GRAFICA DE LA FIG. 8-19A DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM, SE OBTUVIERON LOS VALORES DE X, Y

REFERENCIAS

PRESIÓN DE CONTACTO CON CARGAS FACTORIZADAS

$$q \text{ dis max} = 27.21 \text{ ton/m}^2$$

DISEÑO DE LA ZAPATA

ω_1 = PESO DE LA LOSA DE LA ZAPATA =	1.08	ton/m ²
ω_2 = PESO DEL TERRENO SOBRE LA LOSA =	2.31	ton/m ²
ω = PRESION MAXIMA DE DISEÑO =	23.82	ton/m ²
L = LONGITUD DEL VOLADO DE LA ZAPATA =	1.18	m
Mu = MOMENTO ULTIMO DE DISEÑO = $\omega L^2/2$ =	16.45	ton·m
Vu = CORTANTE ULTIMO DE DISEÑO = ωl	27.99	ton

$$\rho = \frac{0.85f'_c}{f_y} \left(1 - \sqrt{1 - \frac{2R_n}{0.85f'_c}} \right) \quad R_n = \frac{Mu}{\phi b d^2}$$

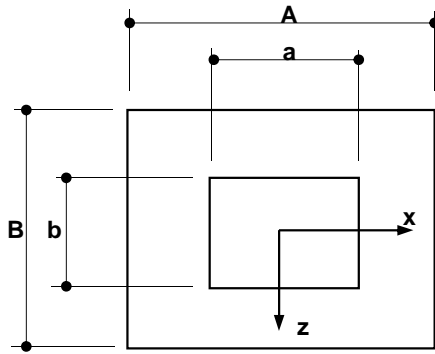
r = RECUBRIMIENTO DEL ACERO DE REFUERZO =	5	cm
d = PERALTE EFECTIVO DE LA LOSA =	40	cm
b = ANCHO DEL FRANJA DE LOSA =	100	cm
ϕ = FACTOR DE REDUCCION DE RESIST. A LA FLEXION =	0.90	
f'c = RESISTENCIA A LA COMPRESION DEL CONCRETO =	250	kg/cm ²
fy = LIMITE DE FLUENCIA DEL ACERO DE REFUERZO =	4200	kg/cm ²
as = AREA DE UNA VARILLA DEL No. 6 =	2.84	cm ²
Rn =	11.42023	
PORCENTAJE DE ACERO DE REFUERZO =	0.00280	%
14.5/fy (CAPITULO 10.5 DEL ACI-318) =	0.00345	%
RIGE =	0.00345	
As(min) = ACERO DE REFUERZO MINIMO POR FLEXION =	13.81	cm ² /m
VARILLAS 6 @ (ESPACIAMIENTO DE VARILLAS) =	20.57	cm
SE USARA VARILLA No. 6 @ 20 cm		

REVISIÓN POR CORTANTE COMO VIGA ANCHA

SE DEBE CUMPLIR LO SIGUIENTE:

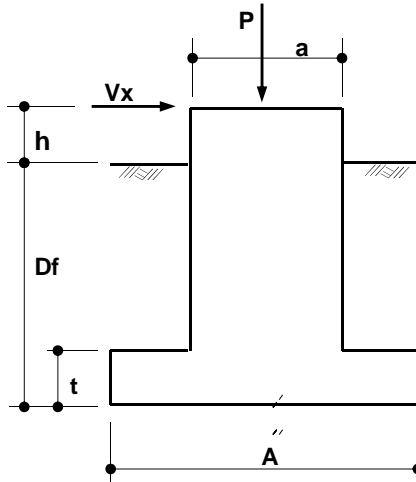
Vud >= f Vn		
Vn = Vc + Vs =		
Vs = 0 (NO SE CONSIDERA REFUERZO POR CORTANTE)	0	ton
ϕ = FACTOR DE REDUCCION DE RESIST. AL CORTANTE =	0.85	
Vc = RES. NOMINAL AL CORT. DEL CONC. = $0.55(f'_c)^{0.5}(bwd)$ =	34.79	ton
ϕVc =	29.57	ton
Vu =	27.99	ton
$\phi Vc > Vu$	Correcto	

GEOMETRIA DE LA ZAPATA



PLANTA DE CIMENTACIÓN

Df =	1.50	m
h =	0.00	m
t =	0.35	m
A =	2.50	m
B =	2.50	m
a =	0.65	m
b =	0.65	m
q ad =	60.00	ton/m ²
γs =	2.20	ton/m ³



ELEVACION DE CIMENTACIÓN

A =	6.25	m ²
Sx =	2.60	m ³
Sz =	2.60	m ³

REFERENCIAS

COMBINACIONES DE CARGA

REACCIONES

Nodo 70 Comb : 11

Cargas sin Factorizar

Revisión esfuerzos en el terreno

P =	76.20	ton
Mx =	-2.65	ton·m
Mz =	8.08	ton·m
Fx =	0.40	ton
Fz =	-3.37	ton

Nodo 70 Comb : 21

Cargas Factorizadas

Diseño estructural de zapata

P =	83.82	ton
Mx =	-2.92	ton·m
Mz =	8.88	ton·m
Fx =	0.44	ton
Fz =	-3.71	ton

REFERENCIAS

ACCIONES

Revisión esfuerzos en el terreno

P = -76.20 ton
Mx = 2.65 ton·m
Mz = -8.08 ton·m
Fx = -0.40 ton
Fz = 3.37 ton

Diseño estructural de zapata

P = -83.82 ton
Mx = 2.92 ton·m
Mz = -8.88 ton·m
Fx = -0.44 ton
Fz = 3.71 ton

$Mx = (Fz \cdot (Df+h)) + Mx$
 $Mz = (-Fx \cdot (Df+h)) + Mz$

ELEMENTOS MECÁNICOS

Revisión esfuerzos en el terreno

P = 76.20 ton
Mx = 7.71 ton·m
Mz = 7.48 ton·m
Fx = 0.40 ton
Fz = 3.37 ton

Diseño estructural de zapata

P = 83.82 ton
Mx = 8.48 ton·m
Mz = 8.23 ton·m
Fx = 0.44 ton
Fz = 3.71 ton

MOMENTO RESISTENTE

ELEMENTO	PESO (para rev. de esfuerzos)	PESO (para diseño de zapata)
DADO	1.17 ton	1.17 ton
ZAPATA	5.25 ton	5.25 ton
RELLENO	14.74 ton	14.74 ton
AXIAL (P)	76.20 ton	83.82 ton
TOTAL=	97.36 ton	104.98 ton

Mrx = 121.70 ton·m
Mrz = 121.70 ton·m

REVISIÓN CONTRA VOLTEO

En eje X

Mrx = 121.70 ton·m
Mx = 7.71 ton·m

Fvol ≤ (Mrx / Mx)

1.5 < 15.79 **Correcto**

En eje Z

Mrz = 121.70 ton·m
Mz = 7.48 ton·m

Fvol ≤ (Mrz / Mz)

1.5 < 16.27 **Correcto**

REFERENCIAS

TIPO DE CASO PARA EL DIAGRAMA DE PRESIONES

ex=Mz/Peso= 0.08 m
ez=Mx/Peso= 0.08 m
F = B/2- ez = 1.17 m
E = A/2 -ex = 1.17 m
A = 2.50 m
B = 2.50 m
E/A = 0.47 m
F/B = 0.47 m

CASO TIPO : I
CON LOS VALORES OBTENIDOS DE E/A Y F/B SE ENTRA A LA GRAFICA 8-19A(d) Y DEPENDIENDO DEL AREA DONDE SE INTERSECTEN SERA EL TIPO DE CASO

EL TIPO DE CASO SE OBTIENE DE LA FIGURA 8-19A (d) DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

CASO I

$$q_{rev} = \frac{\text{Peso}}{AB} (1 + \frac{6ez}{B}) = 18.54 < 60.00 \text{ ton/m}^2$$

q rev < q ad Correcto

Esfuerzo factorizado para Diseño

$$q_{dis} = \frac{\text{Peso}}{AB} (1 + \frac{6ez}{B}) = 19.99$$

CASO II No aplica

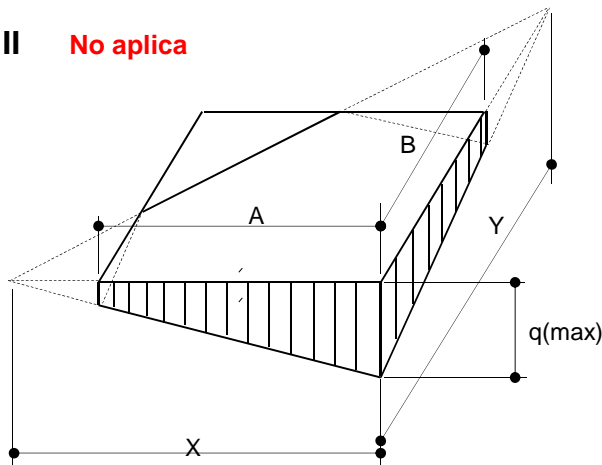


DIAGRAMA DE PRESIONES PARA CASO II FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

SE UTILIZA EL METODO DE PRUEBA Y ERROR, EN EL CUAL SE UTILIZA PRIMERAMENTE LA GRAFICA SUPERIOR ENTRANDO CON LOS VALORES DE A/X=1 Y F/B (YA OBTENIDO), ENCONTRANDO B/Y; AHORA EN LA GRAFICA DE ABAJO SE ENTRA CON ESE VALOR OBTENIDO DE B/Y Y EL VALOR DE E/A (YA OBTENIDO), ENCONTRANDO A/X; REGRESANDO A LA GRAFICA SUPERIOR SE ENTRA AHORA CON EL VALOR OBTENIDO DE A/X Y DE NUEVO EL VALOR DE F/B, SE OBTIENE B/Y, POR ULTIMO DE NUEVO EN LA GRAFICA DE ABAJO CON B/Y Y E/A ENCONTRAMOS A/X

UTILIZANDO EL METODO Y GRAFICA DE LA FIG. 8-19A DEL LIBRO FOUNDATIONS OF STRUCTURES DE CLARENCE W. DUNHAM, SE OBTUVIERON LOS VALORES DE X, Y

INICIANDO CON (A/X)₁ = F/B = (B/Y)₁ = SE OBTIENE
AHORA PARA (B/Y)₁ = E/A = (A/X)₂ = SE OBTIENE

REFERENCIAS

AHORA PARA $(A/X)^2 =$ $F/B =$ $(B/Y)^2 =$ SE OBTIENE

AHORA PARA $(B/Y)^2 =$ $E/A =$ $(A/X)^3 =$ SE OBTIENE

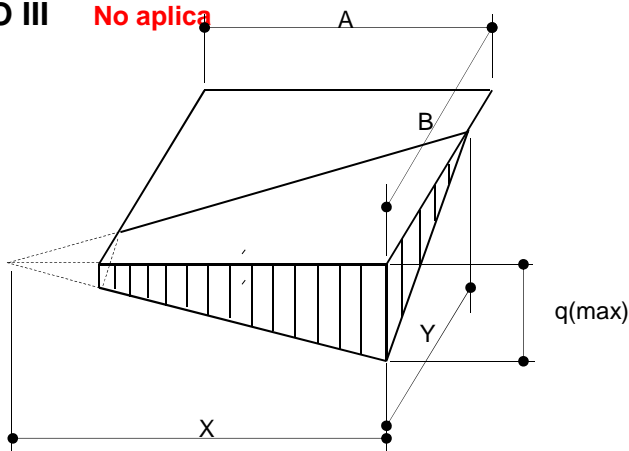
X =
Y =

$q_{rev} = 6 \cdot P / ((XY(1-(1-B/Y)^3)-(1-(A/X)^3)) =$ $q_{rev} < q_{ad}$ ton/m²

Esfuerzo factorizado para Diseño
 $q_{dis} = 6 \cdot P / ((XY(1-(1-B/Y)^3)-(1-(A/X)^3)) =$

CASO III

No aplica



SE UTILIZA EL METODO DE PRUEBA Y ERROR, EN EL CUAL SE UTILIZA PRIMERAMENTE LA GRAFICA SUPERIOR ENTRANDO CON LOS VALORES DE A/X=1 Y F/B (YA OBTENIDO), ENCONTRANDO B/Y; AHORA EN LA GRAFICA DE ABAJO SE ENTRA CON ESE VALOR OBTENIDO DE B/Y Y EL VALOR DE E/A (YA OBTENIDO), ENCONTRANDO A/X

INICIANDO CON $(A/X)^1 =$ $F/B =$ $(B/Y)^1 =$ SE OBTIENE

AHORA PARA $(B/Y)^1 =$ $E/A =$ $(A/X)^2 =$ SE OBTIENE

X =

$\frac{Y}{X} = \frac{3 \times F}{X - E}$

$Y = \frac{3 \times F \times X}{X - E}$

Y =

$q_{rev} = 6 \cdot P / ((XY(1-(1-(A/X)^3)) =$ $q_{rev} < q_{ad}$ ton/m²

Esfuerzo factorizado para Diseño
 $q_{dis} = 6 \cdot P / ((XY(1-(1-(A/X)^3)) =$

DIAGRAMA DE PRESIONES PARA CASO III FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

UTILIZANDO EL METODO Y GRAFICA DE LA FIG. 8-19A DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM, SE OBTUVIERON LOS VALORES DE X, Y

REFERENCIAS

PRESIÓN DE CONTACTO CON CARGAS FACTORIZADAS

$$q \text{ dis max} = 19.99 \text{ ton/m}^2$$

DISEÑO DE LA ZAPATA

$\omega 1$ = PESO DE LA LOSA DE LA ZAPATA =	0.84	ton/m ²
$\omega 2$ = PESO DEL TERRENO SOBRE LA LOSA =	2.53	ton/m ²
ω = PRESION MAXIMA DE DISEÑO =	16.62	ton/m ²
L = LONGITUD DEL VOLADO DE LA ZAPATA =	0.93	m
Mu = MOMENTO ULTIMO DE DISEÑO = $\omega L^2/2$ =	7.11	ton·m
Vu = CORTANTE ULTIMO DE DISEÑO = ωl	15.37	ton

$$\rho = \frac{0.85f'c}{fy} \left(1 - \sqrt{1 - \frac{2Rn}{0.85f'c}} \right) \quad Rn = \frac{Mu}{\phi b d^2}$$

r = RECUBRIMIENTO DEL ACERO DE REFUERZO =	5	cm
d = PERALTE EFECTIVO DE LA LOSA =	30	cm
b = ANCHO DEL FRANJA DE LOSA =	100	cm
ϕ = FACTOR DE REDUCCION DE RESIST. A LA FLEXION =	0.90	
f'c = RESISTENCIA A LA COMPRESION DEL CONCRETO =	250	kg/cm ²
fy = LIMITE DE FLUENCIA DEL ACERO DE REFUERZO =	4200	kg/cm ²
as = AREA DE UNA VARILLA DEL No. 6 =	2.84	cm ²
Rn =	8.77733	
PORCENTAJE DE ACERO DE REFUERZO =	0.00213	%
14.5/fy (CAPITULO 10.5 DEL ACI-318) =	0.00345	%
RIGE =	0.00345	
As(min) = ACERO DE REFUERZO MINIMO POR FLEXION =	10.36	cm ² /m
VARILLAS 6 @ (ESPACIAMIENTO DE VARILLAS) =	27.42	cm
SE USARA VARILLA No. 6 @ 25 cm		

REVISIÓN POR CORTANTE COMO VIGA ANCHA

SE DEBE CUMPLIR LO SIGUIENTE:

Vud >= f Vn		
Vn = Vc + Vs =		
Vs = 0 (NO SE CONSIDERA REFUERZO POR CORTANTE)	0	ton
ϕ = FACTOR DE REDUCCION DE RESIST. AL CORTANTE =	0.85	
Vc = RES. NOMINAL AL CORT. DEL CONC. = $0.55(f'c)^{0.5}(bwd)$ =	26.09	ton
ϕVc =	22.18	ton
Vu =	15.37	ton
$\phi Vc > Vu$	Correcto	

REVISIÓN POR PENETRACIÓN

Id = LADO DEL DADO (a) =	0.65	m
Id = LADO DEL DADO (b) =	0.65	m
bo = PERIMETRO CRITICO DE FALLA = PERIM. DEL DADO+4D =	3.80	m
Vc = RESIS. NOMINAL AL CORT. DEL CONC. = $1.1(f'c)^{0.5}(bod)$ =	198	ton
Wp = CARGA MAXIMA DE PENETRACION EN LA LOSA =	108	ton
Vc > Wp	Correcto	

REFERENCIAS



ANEXO 1

CORRIDA CESI

```

*****
*
*          STAAD.Pro V8i SELECTseries6          *
*          Version 20.07.11.45                  *
*          Proprietary Program of              *
*          Bentley Systems, Inc.               *
*          Date=   MAR  2, 2018                *
*          Time=   15:29:10                    *
*
*          USER ID: Personal                    *
*****

```

1. STAAD SPACE

INPUT FILE: C:\Users\GLR\Documents\TRABAJO\CESI INFONAVIT\MERIDA\ANALISIS\MODELO CESI\MRD_CS_001.STD

2. START JOB INFORMATION

3. ENGINEER DATE 15-FEB-18

4. END JOB INFORMATION

5. INPUT WIDTH 79

6. UNIT METER MTON

7. JOINT COORDINATES

```

8. 1 6 -0.4 0; 2 6 3.9 0; 3 12 -0.4 0; 4 12 3.9 0; 5 18 -0.4 0; 6 18 3.9 0
9. 7 24 -0.4 0; 8 24 3.9 0; 9 0 -0.4 6; 10 0 3.9 6; 11 6 -0.4 6; 12 6 3.9 6
10. 13 12 -0.4 6; 14 12 3.9 6; 15 24 -0.4 6; 16 24 3.9 6; 17 0 -0.4 12
11. 18 0 3.9 12; 19 6 -0.4 12; 20 6 3.9 12; 21 12 -0.4 12; 22 12 3.9 12
12. 23 24 -0.4 12; 24 24 3.9 12; 25 0 -0.4 18; 26 0 3.9 18; 27 6 -0.4 18
13. 28 6 3.9 18; 29 12 -0.4 18; 30 12 3.9 18; 31 24 -0.4 18; 32 24 3.9 18
14. 33 0 -0.4 24; 34 0 3.9 24; 35 6 -0.4 24; 36 6 3.9 24; 37 12 -0.4 24
15. 38 12 3.9 24; 39 18 -0.4 24; 40 18 3.9 24; 41 24 -0.4 24; 42 24 3.9 24
16. 43 0 -0.4 30; 44 0 3.9 30; 45 6 -0.4 30; 46 6 3.9 30; 47 12 -0.4 30
17. 48 12 3.9 30; 49 18 -0.4 30; 50 18 3.9 30; 51 24 -0.4 30; 52 24 3.9 30
18. 53 0 -0.4 36; 54 0 3.9 36; 55 6 -0.4 36; 56 6 3.9 36; 57 12 -0.4 36
19. 58 12 3.9 36; 59 18 -0.4 36; 60 18 3.9 36; 61 24 -0.4 36; 62 24 3.9 36
20. 63 18 3.9 6; 64 18 3.9 12; 65 18 3.9 18; 66 20 3.9 0; 67 22 3.9 0; 68 20 3.9 6
21. 69 22 3.9 6; 70 14 3.9 0; 71 16 3.9 0; 72 14 3.9 6; 73 16 3.9 6; 74 8 3.9 0
22. 75 10 3.9 0; 76 8 3.9 6; 77 10 3.9 6; 78 20 3.9 12; 79 22 3.9 12; 80 14 3.9 12
23. 81 16 3.9 12; 82 8 3.9 12; 83 10 3.9 12; 84 2 3.9 6; 85 4 3.9 6; 86 2 3.9 12
24. 87 4 3.9 12; 88 20 3.9 18; 89 22 3.9 18; 90 14 3.9 18; 91 16 3.9 18
25. 92 2 3.9 18; 93 4 3.9 18; 94 20 3.9 24; 95 22 3.9 24; 96 14 3.9 24
26. 97 16 3.9 24; 98 2 3.9 24; 99 4 3.9 24; 100 20 3.9 30; 101 22 3.9 30
27. 102 14 3.9 30; 103 16 3.9 30; 104 2 3.9 30; 105 4 3.9 30; 106 8 3.9 30
28. 107 10 3.9 30; 108 20 3.9 36; 109 22 3.9 36; 112 8 3.9 36; 113 10 3.9 36
29. 114 2 3.9 36; 115 4 3.9 36; 116 18 3.9 31.5; 117 12 3.9 31.5; 120 15 3.9 31.5
30. 121 15 3.9 36; 123 13.5 3.9 36; 124 15 3.9 30; 125 13.5 3.9 30
31. 126 16.5 3.9 30; 127 16.5 3.9 31.5; 128 12.51 3.9 17.405

```

32. MEMBER INCIDENCES

```

33. 1 1 2; 2 3 4; 3 5 6; 4 7 8; 5 9 10; 6 11 12; 7 13 14; 8 15 16; 9 17 18
34. 10 19 20; 11 21 22; 12 23 24; 13 25 26; 14 27 28; 15 29 30; 16 31 32; 17 33 34
35. 18 35 36; 19 37 38; 20 39 40; 21 41 42; 22 43 44; 23 45 46; 24 47 48; 25 49 50
36. 26 51 52; 27 53 54; 28 55 56; 29 57 58; 30 59 60; 31 61 62; 32 2 74; 33 4 70
37. 34 6 66; 35 10 84; 36 12 76; 37 14 72; 38 63 68; 39 18 86; 40 20 82; 41 22 80
38. 42 64 78; 43 26 92; 44 30 90; 45 65 88; 46 34 98; 47 38 96; 48 40 94

```

STAAD SPACE

-- PAGE NO. 2

```

39. 49 44 104; 50 46 106; 51 48 125; 52 50 100; 53 54 114; 54 56 112; 56 60 108
40. 57 8 16; 58 16 24; 59 24 32; 60 32 42; 61 42 52; 62 52 62; 63 6 63; 64 63 64
41. 65 64 65; 66 65 40; 67 40 50; 68 50 116; 69 4 14; 70 14 22; 71 22 30; 72 30 38
42. 73 38 48; 74 48 117; 75 2 12; 76 12 20; 77 20 28; 78 28 36; 79 36 46; 80 46 56
43. 81 10 18; 82 18 26; 83 26 34; 84 34 44; 85 44 54; 86 66 67; 87 67 8; 88 68 69
44. 89 69 16; 90 67 69; 91 66 68; 92 70 71; 93 71 6; 94 72 73; 95 73 63; 96 71 73
45. 97 70 72; 98 74 75; 99 75 4; 100 76 77; 101 77 14; 102 75 77; 103 74 76
46. 104 78 79; 105 79 24; 106 80 81; 107 81 64; 108 82 83; 109 83 22; 110 69 79
47. 111 68 78; 112 73 81; 113 72 80; 114 77 83; 115 76 82; 116 84 85; 117 85 12
48. 118 86 87; 119 87 20; 120 85 87; 121 84 86; 122 88 89; 123 89 32; 124 90 91
49. 125 91 65; 126 92 93; 127 93 28; 128 79 89; 129 78 88; 130 81 91; 131 80 90
50. 132 87 93; 133 86 92; 134 94 95; 135 95 42; 136 96 97; 137 97 40; 138 98 99
51. 139 99 36; 140 89 95; 141 88 94; 142 91 97; 143 90 96; 144 93 99; 145 92 98
52. 146 100 101; 147 101 52; 148 102 124; 149 103 126; 150 104 105; 151 105 46
53. 154 97 103; 155 96 102; 156 99 105; 157 98 104; 158 106 107; 159 107 48
54. 160 108 109; 161 109 62; 162 58 123; 164 112 113; 165 113 58; 166 114 115
55. 167 115 56; 168 101 109; 169 100 108; 172 107 113; 173 106 112; 174 105 115
56. 175 104 114; 176 116 60; 177 117 58; 180 126 127; 183 120 127; 184 121 60
57. 185 124 120; 187 123 121; 188 125 123; 189 124 103; 190 125 102; 191 126 50
58. 192 127 116; 193 120 121
59. DEFINE MATERIAL START
60. ISOTROPIC STEEL
61. E 2.09042E+007
62. POISSON 0.3
63. DENSITY 7.83341
64. ALPHA 1.2E-005
65. DAMP 0.03
66. TYPE STEEL
67. STRENGTH FY 25819.2 FU 41584 RY 1.5 RT 1.2
68. END DEFINE MATERIAL
69. MEMBER PROPERTY AMERICAN
70. 1 TO 31 TABLE ST W14X90
71. 32 TO 36 39 40 43 46 TO 54 56 86 87 92 93 98 TO 101 108 109 116 TO 119 126 -
72. 127 134 TO 139 146 TO 151 158 TO 162 164 TO 167 184 187 189 TO 190 -
73. 191 TABLE ST W16X36
74. 37 38 41 42 44 45 88 89 94 95 104 TO 107 122 TO 125 TABLE ST W21X68
75. 57 TO 62 67 TO 85 176 177 TABLE ST W16X36
76. 63 TO 65 90 91 96 97 102 103 110 TO 115 120 121 128 TO 133 140 TO 145 154 -
77. 155 TO 157 168 169 172 TO 175 180 183 185 188 192 193 TABLE ST W14X34
78. 66 TABLE ST W14X43
79. CONSTANTS
80. MATERIAL STEEL ALL
81. MEMBER RELEASE
82. 63 TO 66 90 91 96 97 102 103 110 TO 115 120 121 128 TO 133 140 TO 145 154 -
83. 155 TO 157 168 169 172 TO 175 180 185 188 START MX
84. 63 TO 66 90 91 96 97 102 103 110 TO 115 120 121 128 TO 133 140 TO 145 154 -
85. 155 TO 157 168 169 172 TO 175 180 188 193 END MX
86. 183 START MZ
87. 192 END MZ
88. SUPPORTS
89. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 -
90. 55 57 59 61 FIXED
91. SLAVE ZX MASTER 128 JOINT 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 -
**WARNING- JOINT NO. 128 NOT CONNECTED. OK, IF PART OF MASTER/SLAVE.
92. 38 40 42 44 46 48 50 52 54 56 58 60 62
93. CUT OFF MODE SHAPE 20

```

STAAD SPACE

-- PAGE NO. 3

94. LOAD 1 LOADTYPE DEAD TITLE PP
95. SELFWEIGHT Y -1
96. LOAD 2 LOADTYPE DEAD TITLE CM
97. MEMBER LOAD
98. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GY -0.47
99. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
100. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
101. 188 UNI GY -0.94
102. LOAD 3 LOADTYPE DEAD TITLE CV MAX
103. MEMBER LOAD
104. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GY -0.1
105. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
106. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
107. 188 UNI GY -0.2
108. LOAD 4 LOADTYPE DEAD TITLE CV INST
109. MEMBER LOAD
110. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GY -0.07
111. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
112. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
113. 188 UNI GY -0.14
114. LOAD 5 LOADTYPE DEAD TITLE EQUIPOS
115. MEMBER LOAD
116. 65 130 CON GY -0.4 0.8
117. 65 130 CON GY -0.4 3
118. LOAD 6 LOADTYPE SEISMIC TITLE SISMO EN X
119. *****
120. SELFWEIGHT X 1
121. SELFWEIGHT Y 1
122. SELFWEIGHT Z 1
123. *****
124. MEMBER LOAD
125. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GX 0.47
126. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
127. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
128. 188 UNI GX 0.94
129. MEMBER LOAD
130. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GY 0.47
131. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
132. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
133. 188 UNI GY 0.94
134. MEMBER LOAD
135. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GZ 0.47
136. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
137. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
138. 188 UNI GZ 0.94
139. *****
140. MEMBER LOAD
141. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GX 0.07
142. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
143. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
144. 188 UNI GX 0.14
145. MEMBER LOAD
146. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GY 0.07
147. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
148. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
149. 188 UNI GY 0.14

```

150. MEMBER LOAD
151. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GZ 0.07
152. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
153. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
154. 188 UNI GZ 0.14
155. *****
156. MEMBER LOAD
157. 65 130 CON GX 0.4 0.8
158. 65 130 CON GX 0.4 3
159. MEMBER LOAD
160. 65 130 CON GY 0.4 0.8
161. 65 130 CON GY 0.4 3
162. MEMBER LOAD
163. 65 130 CON GZ 0.4 0.8
164. 65 130 CON GZ 0.4 3
165. *****
166. SPECTRUM SRSS X 1 ACC SCALE 9.81 DAMP 0.05 LIN
167. 0 0.03; 0.1 0.048; 0.2 0.067; 0.3 0.067; 0.4 0.067; 0.5 0.067; 0.6 0.067
168. 0.7 0.062; 0.8 0.058; 0.9 0.054; 1 0.052; 1.1 0.049; 1.2 0.047; 1.3 0.045
169. 1.4 0.044; 1.5 0.042; 1.6 0.041; 1.7 0.04; 1.8 0.038; 1.9 0.037; 2 0.037
170. 2.1 0.036; 2.2 0.035; 2.3 0.034; 2.4 0.033; 2.5 0.033; 2.6 0.032; 2.7 0.031
171. 2.8 0.031; 2.9 0.03; 3 0.03; 3.1 0.029; 3.2 0.029; 3.3 0.028; 3.4 0.028
172. 3.5 0.028; 3.6 0.027; 3.7 0.027; 3.8 0.026; 3.9 0.026; 4 0.026; 4.1 0.026
173. 4.2 0.025; 4.3 0.025; 4.4 0.025; 4.5 0.024; 4.6 0.024; 4.7 0.024; 4.8 0.024
174. 4.9 0.023; 5 0.023
175. LOAD 7 LOADTYPE SEISMIC TITLE SISMO EN Z
176. SPECTRUM SRSS Z 1 ACC SCALE 9.81 DAMP 0.05 LIN
177. 0 0.03; 0.1 0.048; 0.2 0.067; 0.3 0.067; 0.4 0.067; 0.5 0.067; 0.6 0.067
178. 0.7 0.062; 0.8 0.058; 0.9 0.054; 1 0.052; 1.1 0.049; 1.2 0.047; 1.3 0.045
179. 1.4 0.044; 1.5 0.042; 1.6 0.041; 1.7 0.04; 1.8 0.038; 1.9 0.037; 2 0.037
180. 2.1 0.036; 2.2 0.035; 2.3 0.034; 2.4 0.033; 2.5 0.033; 2.6 0.032; 2.7 0.031
181. 2.8 0.031; 2.9 0.03; 3 0.03; 3.1 0.029; 3.2 0.029; 3.3 0.028; 3.4 0.028
182. 3.5 0.028; 3.6 0.027; 3.7 0.027; 3.8 0.026; 3.9 0.026; 4 0.026; 4.1 0.026
183. 4.2 0.025; 4.3 0.025; 4.4 0.025; 4.5 0.024; 4.6 0.024; 4.7 0.024; 4.8 0.024
184. 4.9 0.023; 5 0.023
185. LOAD 8 LOADTYPE DEAD TITLE CV MEDIA
186. MEMBER LOAD
187. 57 TO 60 62 67 71 TO 73 77 TO 79 81 TO 85 176 193 UNI GY -0.015
188. 63 TO 66 68 TO 70 74 TO 76 80 90 91 96 97 102 103 110 TO 115 120 121 -
189. 128 TO 133 140 TO 145 154 TO 157 168 169 172 TO 175 177 180 185 -
190. 188 UNI GY -0.03
191. ***** SERVICIO *****
192. LOAD COMB 10 1.0 (PP+CM+CVMAX+EQU)
193. 1 1.0 2 1.0 3 1.0 5 1.0
194. LOAD COMB 11 1.0 (PP+CM+CVINST+EQU+ SX+ 0.3 SZ)
195. 1 1.0 2 1.0 4 1.0 5 1.0 6 1.0 7 0.3
196. LOAD COMB 12 1.0 (PP+CM+CVINST+EQU+ SX- 0.3 SZ)
197. 1 1.0 2 1.0 4 1.0 5 1.0 6 1.0 7 -0.3
198. LOAD COMB 13 1.0 (PP+CM+CVINST+EQU- SX+ 0.3 SZ)
199. 1 1.0 2 1.0 4 1.0 5 1.0 6 -1.0 7 0.3
200. LOAD COMB 14 1.0 (PP+CM+CVINST+EQU- SX- 0.3 SZ)
201. 1 1.0 2 1.0 4 1.0 5 1.0 6 -1.0 7 -0.3
202. LOAD COMB 15 1.0 (PP+CM+CVINST+EQU+ 0.3 SX+ SZ)
203. 1 1.0 2 1.0 4 1.0 5 1.0 6 0.3 7 1.0
204. LOAD COMB 16 1.0 (PP+CM+CVINST+EQU+ 0.3 SX- SZ)
205. 1 1.0 2 1.0 4 1.0 5 1.0 6 0.3 7 -1.0

```

STAAD SPACE

-- PAGE NO. 5

206. LOAD COMB 17 1.0 (PP+CM+CVINST+EQU- 0.3 SX+ SZ)
 207. 1 1.0 2 1.0 4 1.0 5 1.0 6 -0.3 7 1.0
 208. LOAD COMB 18 1.0 (PP+CM+CVINST+EQU- 0.3 SX- SZ)
 209. 1 1.0 2 1.0 4 1.0 5 1.0 6 -0.3 7 -1.0
 210. LOAD COMB 19 1.0 (PP+CM+CVINST+EQU)
 211. 1 1.0 2 1.0 4 1.0 5 1.0
 212. ***** DISE?O *****
 213. LOAD COMB 20 1.4 (PP+CM+CVMAX+EQU)
 214. 1 1.4 2 1.4 3 1.4 5 1.4
 215. LOAD COMB 21 1.1 (PP+CM+CVINST+ SX+ 0.3 SZ)
 216. 1 1.1 2 1.1 4 1.1 5 1.1 6 1.1 7 0.33
 217. LOAD COMB 22 1.1 (PP+CM+CVINST+EQU+ SX- 0.3 SZ)
 218. 1 1.1 2 1.1 4 1.1 5 1.1 6 1.1 7 -0.33
 219. LOAD COMB 23 1.1 (PP+CM+CVINST+EQU- SX+ 0.3 SZ)
 220. 1 1.1 2 1.1 4 1.1 5 1.1 6 -1.1 7 0.33
 221. LOAD COMB 24 1.1 (PP+CM+CVINST+EQU- SX- 0.3 SZ)
 222. 1 1.1 2 1.1 4 1.1 5 1.1 6 -1.1 7 -0.33
 223. LOAD COMB 25 1.1 (PP+CM+CVINST+EQU+ 0.3 SX+ SZ)
 224. 1 1.1 2 1.1 4 1.1 5 1.1 6 0.33 7 1.1
 225. LOAD COMB 26 1.1 (PP+CM+CVINST+EQU+ 0.3 SX- SZ)
 226. 1 1.1 2 1.1 4 1.1 5 1.1 6 0.33 7 -1.1
 227. LOAD COMB 27 1.1 (PP+CM+CVINST+EQU- 0.3 SX+ SZ)
 228. 1 1.1 2 1.1 4 1.1 5 1.1 6 -0.33 7 1.1
 229. LOAD COMB 28 1.1 (PP+CM+CVINST+EQU- 0.3 SX- SZ)
 230. 1 1.1 2 1.1 4 1.1 5 1.1 6 -0.33 7 -1.1
 231. LOAD COMB 29 1.0 (PP+CM+CVMED+EQU)
 232. 1 1.0 2 1.0 5 1.0 8 1.0
 233. PERFORM ANALYSIS PRINT ALL

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

NUMBER OF JOINTS	123	NUMBER OF MEMBERS	182
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	31

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

ORIGINAL/FINAL BAND-WIDTH= 74/ 11/ 459 DOF
 TOTAL PRIMARY LOAD CASES = 8, TOTAL DEGREES OF FREEDOM = 459
 TOTAL LOAD COMBINATION CASES = 20 SO FAR.
 SIZE OF STIFFNESS MATRIX = 211 DOUBLE KILO-WORDS
 REQRD/AVAIL. DISK SPACE = 15.7/ 422572.7 MB

STAAD SPACE

-- PAGE NO. 6

LOADING 1 LOADTYPE DEAD TITLE PP

SELFWEIGHT Y -1.000

ACTUAL WEIGHT OF THE STRUCTURE = 48.675 MTON

LOADING 2 LOADTYPE DEAD TITLE CM

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
57	-0.4700 GY	0.00	6.00				
58	-0.4700 GY	0.00	6.00				
59	-0.4700 GY	0.00	6.00				
60	-0.4700 GY	0.00	6.00				
62	-0.4700 GY	0.00	6.00				
67	-0.4700 GY	0.00	6.00				
71	-0.4700 GY	0.00	6.00				
72	-0.4700 GY	0.00	6.00				
73	-0.4700 GY	0.00	6.00				
77	-0.4700 GY	0.00	6.00				
78	-0.4700 GY	0.00	6.00				
79	-0.4700 GY	0.00	6.00				
81	-0.4700 GY	0.00	6.00				
82	-0.4700 GY	0.00	6.00				
83	-0.4700 GY	0.00	6.00				
84	-0.4700 GY	0.00	6.00				
85	-0.4700 GY	0.00	6.00				
176	-0.4700 GY	0.00	4.50				
193	-0.4700 GY	0.00	4.50				
63	-0.9400 GY	0.00	6.00				
64	-0.9400 GY	0.00	6.00				
65	-0.9400 GY	0.00	6.00				
66	-0.9400 GY	0.00	6.00				
68	-0.9400 GY	0.00	1.50				
69	-0.9400 GY	0.00	6.00				
70	-0.9400 GY	0.00	6.00				
74	-0.9400 GY	0.00	1.50				
75	-0.9400 GY	0.00	6.00				
76	-0.9400 GY	0.00	6.00				
80	-0.9400 GY	0.00	6.00				
90	-0.9400 GY	0.00	6.00				
91	-0.9400 GY	0.00	6.00				
96	-0.9400 GY	0.00	6.00				
97	-0.9400 GY	0.00	6.00				
102	-0.9400 GY	0.00	6.00				
103	-0.9400 GY	0.00	6.00				
110	-0.9400 GY	0.00	6.00				
111	-0.9400 GY	0.00	6.00				

STAAD SPACE

-- PAGE NO. 7

112	-0.9400	GY	0.00	6.00
113	-0.9400	GY	0.00	6.00
114	-0.9400	GY	0.00	6.00
115	-0.9400	GY	0.00	6.00
120	-0.9400	GY	0.00	6.00
121	-0.9400	GY	0.00	6.00
128	-0.9400	GY	0.00	6.00
129	-0.9400	GY	0.00	6.00
130	-0.9400	GY	0.00	6.00
131	-0.9400	GY	0.00	6.00
132	-0.9400	GY	0.00	6.00
133	-0.9400	GY	0.00	6.00
140	-0.9400	GY	0.00	6.00
141	-0.9400	GY	0.00	6.00
142	-0.9400	GY	0.00	6.00
143	-0.9400	GY	0.00	6.00
144	-0.9400	GY	0.00	6.00
145	-0.9400	GY	0.00	6.00
154	-0.9400	GY	0.00	6.00
155	-0.9400	GY	0.00	6.00
156	-0.9400	GY	0.00	6.00
157	-0.9400	GY	0.00	6.00
168	-0.9400	GY	0.00	6.00
169	-0.9400	GY	0.00	6.00
172	-0.9400	GY	0.00	6.00
173	-0.9400	GY	0.00	6.00
174	-0.9400	GY	0.00	6.00
175	-0.9400	GY	0.00	6.00
177	-0.9400	GY	0.00	4.50
180	-0.9400	GY	0.00	1.50
185	-0.9400	GY	0.00	1.50
188	-0.9400	GY	0.00	6.00

LOADING 3 LOADTYPE DEAD TITLE CV MAX

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
57	-0.1000	GY	0.00	6.00			
58	-0.1000	GY	0.00	6.00			
59	-0.1000	GY	0.00	6.00			
60	-0.1000	GY	0.00	6.00			
62	-0.1000	GY	0.00	6.00			
67	-0.1000	GY	0.00	6.00			
71	-0.1000	GY	0.00	6.00			
72	-0.1000	GY	0.00	6.00			
73	-0.1000	GY	0.00	6.00			
77	-0.1000	GY	0.00	6.00			
78	-0.1000	GY	0.00	6.00			
79	-0.1000	GY	0.00	6.00			
81	-0.1000	GY	0.00	6.00			
82	-0.1000	GY	0.00	6.00			

STAAD SPACE

-- PAGE NO. 8

83	-0.1000	GY	0.00	6.00
84	-0.1000	GY	0.00	6.00
85	-0.1000	GY	0.00	6.00
176	-0.1000	GY	0.00	4.50
193	-0.1000	GY	0.00	4.50
63	-0.2000	GY	0.00	6.00
64	-0.2000	GY	0.00	6.00
65	-0.2000	GY	0.00	6.00
66	-0.2000	GY	0.00	6.00
68	-0.2000	GY	0.00	1.50
69	-0.2000	GY	0.00	6.00
70	-0.2000	GY	0.00	6.00
74	-0.2000	GY	0.00	1.50
75	-0.2000	GY	0.00	6.00
76	-0.2000	GY	0.00	6.00
80	-0.2000	GY	0.00	6.00
90	-0.2000	GY	0.00	6.00
91	-0.2000	GY	0.00	6.00
96	-0.2000	GY	0.00	6.00
97	-0.2000	GY	0.00	6.00
102	-0.2000	GY	0.00	6.00
103	-0.2000	GY	0.00	6.00
110	-0.2000	GY	0.00	6.00
111	-0.2000	GY	0.00	6.00
112	-0.2000	GY	0.00	6.00
113	-0.2000	GY	0.00	6.00
114	-0.2000	GY	0.00	6.00
115	-0.2000	GY	0.00	6.00
120	-0.2000	GY	0.00	6.00
121	-0.2000	GY	0.00	6.00
128	-0.2000	GY	0.00	6.00
129	-0.2000	GY	0.00	6.00
130	-0.2000	GY	0.00	6.00
131	-0.2000	GY	0.00	6.00
132	-0.2000	GY	0.00	6.00
133	-0.2000	GY	0.00	6.00
140	-0.2000	GY	0.00	6.00
141	-0.2000	GY	0.00	6.00
142	-0.2000	GY	0.00	6.00
143	-0.2000	GY	0.00	6.00
144	-0.2000	GY	0.00	6.00
145	-0.2000	GY	0.00	6.00
154	-0.2000	GY	0.00	6.00
155	-0.2000	GY	0.00	6.00
156	-0.2000	GY	0.00	6.00
157	-0.2000	GY	0.00	6.00
168	-0.2000	GY	0.00	6.00
169	-0.2000	GY	0.00	6.00
172	-0.2000	GY	0.00	6.00
173	-0.2000	GY	0.00	6.00
174	-0.2000	GY	0.00	6.00
175	-0.2000	GY	0.00	6.00
177	-0.2000	GY	0.00	4.50
180	-0.2000	GY	0.00	1.50
185	-0.2000	GY	0.00	1.50
188	-0.2000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 9

LOADING 4 LOADTYPE DEAD TITLE CV INST

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
57	-0.0700 GY	0.00	6.00				
58	-0.0700 GY	0.00	6.00				
59	-0.0700 GY	0.00	6.00				
60	-0.0700 GY	0.00	6.00				
62	-0.0700 GY	0.00	6.00				
67	-0.0700 GY	0.00	6.00				
71	-0.0700 GY	0.00	6.00				
72	-0.0700 GY	0.00	6.00				
73	-0.0700 GY	0.00	6.00				
77	-0.0700 GY	0.00	6.00				
78	-0.0700 GY	0.00	6.00				
79	-0.0700 GY	0.00	6.00				
81	-0.0700 GY	0.00	6.00				
82	-0.0700 GY	0.00	6.00				
83	-0.0700 GY	0.00	6.00				
84	-0.0700 GY	0.00	6.00				
85	-0.0700 GY	0.00	6.00				
176	-0.0700 GY	0.00	4.50				
193	-0.0700 GY	0.00	4.50				
63	-0.1400 GY	0.00	6.00				
64	-0.1400 GY	0.00	6.00				
65	-0.1400 GY	0.00	6.00				
66	-0.1400 GY	0.00	6.00				
68	-0.1400 GY	0.00	1.50				
69	-0.1400 GY	0.00	6.00				
70	-0.1400 GY	0.00	6.00				
74	-0.1400 GY	0.00	1.50				
75	-0.1400 GY	0.00	6.00				
76	-0.1400 GY	0.00	6.00				
80	-0.1400 GY	0.00	6.00				
90	-0.1400 GY	0.00	6.00				
91	-0.1400 GY	0.00	6.00				
96	-0.1400 GY	0.00	6.00				
97	-0.1400 GY	0.00	6.00				
102	-0.1400 GY	0.00	6.00				
103	-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				
115	-0.1400 GY	0.00	6.00				
120	-0.1400 GY	0.00	6.00				
121	-0.1400 GY	0.00	6.00				
128	-0.1400 GY	0.00	6.00				
129	-0.1400 GY	0.00	6.00				

STAAD SPACE

-- PAGE NO. 10

130	-0.1400	GY	0.00	6.00
131	-0.1400	GY	0.00	6.00
132	-0.1400	GY	0.00	6.00
133	-0.1400	GY	0.00	6.00
140	-0.1400	GY	0.00	6.00
141	-0.1400	GY	0.00	6.00
142	-0.1400	GY	0.00	6.00
143	-0.1400	GY	0.00	6.00
144	-0.1400	GY	0.00	6.00
145	-0.1400	GY	0.00	6.00
154	-0.1400	GY	0.00	6.00
155	-0.1400	GY	0.00	6.00
156	-0.1400	GY	0.00	6.00
157	-0.1400	GY	0.00	6.00
168	-0.1400	GY	0.00	6.00
169	-0.1400	GY	0.00	6.00
172	-0.1400	GY	0.00	6.00
173	-0.1400	GY	0.00	6.00
174	-0.1400	GY	0.00	6.00
175	-0.1400	GY	0.00	6.00
177	-0.1400	GY	0.00	4.50
180	-0.1400	GY	0.00	1.50
185	-0.1400	GY	0.00	1.50
188	-0.1400	GY	0.00	6.00

LOADING 5 LOADTYPE DEAD TITLE EQUIPOS

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
65				-0.4000	GY	0.80	
130				-0.4000	GY	0.80	
65				-0.4000	GY	3.00	
130				-0.4000	GY	3.00	

LOADING 6 LOADTYPE SEISMIC TITLE SISMO EN X

SELFWEIGHT X 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 48.675 MTON

SELFWEIGHT Y 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 48.675 MTON

SELFWEIGHT Z 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 48.675 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
57	0.4700 GX	0.00	6.00				
58	0.4700 GX	0.00	6.00				
59	0.4700 GX	0.00	6.00				
60	0.4700 GX	0.00	6.00				
62	0.4700 GX	0.00	6.00				
67	0.4700 GX	0.00	6.00				
71	0.4700 GX	0.00	6.00				
72	0.4700 GX	0.00	6.00				
73	0.4700 GX	0.00	6.00				
77	0.4700 GX	0.00	6.00				
78	0.4700 GX	0.00	6.00				
79	0.4700 GX	0.00	6.00				
81	0.4700 GX	0.00	6.00				
82	0.4700 GX	0.00	6.00				
83	0.4700 GX	0.00	6.00				
84	0.4700 GX	0.00	6.00				
85	0.4700 GX	0.00	6.00				
176	0.4700 GX	0.00	4.50				
193	0.4700 GX	0.00	4.50				
63	0.9400 GX	0.00	6.00				
64	0.9400 GX	0.00	6.00				
65	0.9400 GX	0.00	6.00				
66	0.9400 GX	0.00	6.00				
68	0.9400 GX	0.00	1.50				
69	0.9400 GX	0.00	6.00				
70	0.9400 GX	0.00	6.00				
74	0.9400 GX	0.00	1.50				
75	0.9400 GX	0.00	6.00				
76	0.9400 GX	0.00	6.00				
80	0.9400 GX	0.00	6.00				
90	0.9400 GX	0.00	6.00				
91	0.9400 GX	0.00	6.00				
96	0.9400 GX	0.00	6.00				
97	0.9400 GX	0.00	6.00				
102	0.9400 GX	0.00	6.00				
103	0.9400 GX	0.00	6.00				
110	0.9400 GX	0.00	6.00				
111	0.9400 GX	0.00	6.00				
112	0.9400 GX	0.00	6.00				
113	0.9400 GX	0.00	6.00				
114	0.9400 GX	0.00	6.00				
115	0.9400 GX	0.00	6.00				
120	0.9400 GX	0.00	6.00				
121	0.9400 GX	0.00	6.00				
128	0.9400 GX	0.00	6.00				
129	0.9400 GX	0.00	6.00				
130	0.9400 GX	0.00	6.00				
131	0.9400 GX	0.00	6.00				
132	0.9400 GX	0.00	6.00				
133	0.9400 GX	0.00	6.00				

STAAD SPACE

-- PAGE NO. 12

140	0.9400	GX	0.00	6.00
141	0.9400	GX	0.00	6.00
142	0.9400	GX	0.00	6.00
143	0.9400	GX	0.00	6.00
144	0.9400	GX	0.00	6.00
145	0.9400	GX	0.00	6.00
154	0.9400	GX	0.00	6.00
155	0.9400	GX	0.00	6.00
156	0.9400	GX	0.00	6.00
157	0.9400	GX	0.00	6.00
168	0.9400	GX	0.00	6.00
169	0.9400	GX	0.00	6.00
172	0.9400	GX	0.00	6.00
173	0.9400	GX	0.00	6.00
174	0.9400	GX	0.00	6.00
175	0.9400	GX	0.00	6.00
177	0.9400	GX	0.00	4.50
180	0.9400	GX	0.00	1.50
185	0.9400	GX	0.00	1.50
188	0.9400	GX	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
57	0.4700	GY	0.00	6.00				
58	0.4700	GY	0.00	6.00				
59	0.4700	GY	0.00	6.00				
60	0.4700	GY	0.00	6.00				
62	0.4700	GY	0.00	6.00				
67	0.4700	GY	0.00	6.00				
71	0.4700	GY	0.00	6.00				
72	0.4700	GY	0.00	6.00				
73	0.4700	GY	0.00	6.00				
77	0.4700	GY	0.00	6.00				
78	0.4700	GY	0.00	6.00				
79	0.4700	GY	0.00	6.00				
81	0.4700	GY	0.00	6.00				
82	0.4700	GY	0.00	6.00				
83	0.4700	GY	0.00	6.00				
84	0.4700	GY	0.00	6.00				
85	0.4700	GY	0.00	6.00				
176	0.4700	GY	0.00	4.50				
193	0.4700	GY	0.00	4.50				
63	0.9400	GY	0.00	6.00				
64	0.9400	GY	0.00	6.00				
65	0.9400	GY	0.00	6.00				
66	0.9400	GY	0.00	6.00				
68	0.9400	GY	0.00	1.50				
69	0.9400	GY	0.00	6.00				
70	0.9400	GY	0.00	6.00				
74	0.9400	GY	0.00	1.50				
75	0.9400	GY	0.00	6.00				
76	0.9400	GY	0.00	6.00				
80	0.9400	GY	0.00	6.00				

STAAD SPACE

-- PAGE NO. 13

90	0.9400	GY	0.00	6.00
91	0.9400	GY	0.00	6.00
96	0.9400	GY	0.00	6.00
97	0.9400	GY	0.00	6.00
102	0.9400	GY	0.00	6.00
103	0.9400	GY	0.00	6.00
110	0.9400	GY	0.00	6.00
111	0.9400	GY	0.00	6.00
112	0.9400	GY	0.00	6.00
113	0.9400	GY	0.00	6.00
114	0.9400	GY	0.00	6.00
115	0.9400	GY	0.00	6.00
120	0.9400	GY	0.00	6.00
121	0.9400	GY	0.00	6.00
128	0.9400	GY	0.00	6.00
129	0.9400	GY	0.00	6.00
130	0.9400	GY	0.00	6.00
131	0.9400	GY	0.00	6.00
132	0.9400	GY	0.00	6.00
133	0.9400	GY	0.00	6.00
140	0.9400	GY	0.00	6.00
141	0.9400	GY	0.00	6.00
142	0.9400	GY	0.00	6.00
143	0.9400	GY	0.00	6.00
144	0.9400	GY	0.00	6.00
145	0.9400	GY	0.00	6.00
154	0.9400	GY	0.00	6.00
155	0.9400	GY	0.00	6.00
156	0.9400	GY	0.00	6.00
157	0.9400	GY	0.00	6.00
168	0.9400	GY	0.00	6.00
169	0.9400	GY	0.00	6.00
172	0.9400	GY	0.00	6.00
173	0.9400	GY	0.00	6.00
174	0.9400	GY	0.00	6.00
175	0.9400	GY	0.00	6.00
177	0.9400	GY	0.00	4.50
180	0.9400	GY	0.00	1.50
185	0.9400	GY	0.00	1.50
188	0.9400	GY	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
57	0.4700	GZ	0.00	6.00			
58	0.4700	GZ	0.00	6.00			
59	0.4700	GZ	0.00	6.00			
60	0.4700	GZ	0.00	6.00			
62	0.4700	GZ	0.00	6.00			
67	0.4700	GZ	0.00	6.00			
71	0.4700	GZ	0.00	6.00			
72	0.4700	GZ	0.00	6.00			
73	0.4700	GZ	0.00	6.00			
77	0.4700	GZ	0.00	6.00			

STAAD SPACE

-- PAGE NO. 14

78	0.4700	GZ	0.00	6.00
79	0.4700	GZ	0.00	6.00
81	0.4700	GZ	0.00	6.00
82	0.4700	GZ	0.00	6.00
83	0.4700	GZ	0.00	6.00
84	0.4700	GZ	0.00	6.00
85	0.4700	GZ	0.00	6.00
176	0.4700	GZ	0.00	4.50
193	0.4700	GZ	0.00	4.50
63	0.9400	GZ	0.00	6.00
64	0.9400	GZ	0.00	6.00
65	0.9400	GZ	0.00	6.00
66	0.9400	GZ	0.00	6.00
68	0.9400	GZ	0.00	1.50
69	0.9400	GZ	0.00	6.00
70	0.9400	GZ	0.00	6.00
74	0.9400	GZ	0.00	1.50
75	0.9400	GZ	0.00	6.00
76	0.9400	GZ	0.00	6.00
80	0.9400	GZ	0.00	6.00
90	0.9400	GZ	0.00	6.00
91	0.9400	GZ	0.00	6.00
96	0.9400	GZ	0.00	6.00
97	0.9400	GZ	0.00	6.00
102	0.9400	GZ	0.00	6.00
103	0.9400	GZ	0.00	6.00
110	0.9400	GZ	0.00	6.00
111	0.9400	GZ	0.00	6.00
112	0.9400	GZ	0.00	6.00
113	0.9400	GZ	0.00	6.00
114	0.9400	GZ	0.00	6.00
115	0.9400	GZ	0.00	6.00
120	0.9400	GZ	0.00	6.00
121	0.9400	GZ	0.00	6.00
128	0.9400	GZ	0.00	6.00
129	0.9400	GZ	0.00	6.00
130	0.9400	GZ	0.00	6.00
131	0.9400	GZ	0.00	6.00
132	0.9400	GZ	0.00	6.00
133	0.9400	GZ	0.00	6.00
140	0.9400	GZ	0.00	6.00
141	0.9400	GZ	0.00	6.00
142	0.9400	GZ	0.00	6.00
143	0.9400	GZ	0.00	6.00
144	0.9400	GZ	0.00	6.00
145	0.9400	GZ	0.00	6.00
154	0.9400	GZ	0.00	6.00
155	0.9400	GZ	0.00	6.00
156	0.9400	GZ	0.00	6.00
157	0.9400	GZ	0.00	6.00
168	0.9400	GZ	0.00	6.00
169	0.9400	GZ	0.00	6.00
172	0.9400	GZ	0.00	6.00
173	0.9400	GZ	0.00	6.00
174	0.9400	GZ	0.00	6.00
175	0.9400	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 15

177	0.9400	GZ	0.00	4.50
180	0.9400	GZ	0.00	1.50
185	0.9400	GZ	0.00	1.50
188	0.9400	GZ	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
57	0.0700	GX	0.00	6.00				
58	0.0700	GX	0.00	6.00				
59	0.0700	GX	0.00	6.00				
60	0.0700	GX	0.00	6.00				
62	0.0700	GX	0.00	6.00				
67	0.0700	GX	0.00	6.00				
71	0.0700	GX	0.00	6.00				
72	0.0700	GX	0.00	6.00				
73	0.0700	GX	0.00	6.00				
77	0.0700	GX	0.00	6.00				
78	0.0700	GX	0.00	6.00				
79	0.0700	GX	0.00	6.00				
81	0.0700	GX	0.00	6.00				
82	0.0700	GX	0.00	6.00				
83	0.0700	GX	0.00	6.00				
84	0.0700	GX	0.00	6.00				
85	0.0700	GX	0.00	6.00				
176	0.0700	GX	0.00	4.50				
193	0.0700	GX	0.00	4.50				
63	0.1400	GX	0.00	6.00				
64	0.1400	GX	0.00	6.00				
65	0.1400	GX	0.00	6.00				
66	0.1400	GX	0.00	6.00				
68	0.1400	GX	0.00	1.50				
69	0.1400	GX	0.00	6.00				
70	0.1400	GX	0.00	6.00				
74	0.1400	GX	0.00	1.50				
75	0.1400	GX	0.00	6.00				
76	0.1400	GX	0.00	6.00				
80	0.1400	GX	0.00	6.00				
90	0.1400	GX	0.00	6.00				
91	0.1400	GX	0.00	6.00				
96	0.1400	GX	0.00	6.00				
97	0.1400	GX	0.00	6.00				
102	0.1400	GX	0.00	6.00				
103	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				
115	0.1400	GX	0.00	6.00				
120	0.1400	GX	0.00	6.00				
121	0.1400	GX	0.00	6.00				
128	0.1400	GX	0.00	6.00				
129	0.1400	GX	0.00	6.00				

STAAD SPACE

-- PAGE NO. 16

130	0.1400	GX	0.00	6.00
131	0.1400	GX	0.00	6.00
132	0.1400	GX	0.00	6.00
133	0.1400	GX	0.00	6.00
140	0.1400	GX	0.00	6.00
141	0.1400	GX	0.00	6.00
142	0.1400	GX	0.00	6.00
143	0.1400	GX	0.00	6.00
144	0.1400	GX	0.00	6.00
145	0.1400	GX	0.00	6.00
154	0.1400	GX	0.00	6.00
155	0.1400	GX	0.00	6.00
156	0.1400	GX	0.00	6.00
157	0.1400	GX	0.00	6.00
168	0.1400	GX	0.00	6.00
169	0.1400	GX	0.00	6.00
172	0.1400	GX	0.00	6.00
173	0.1400	GX	0.00	6.00
174	0.1400	GX	0.00	6.00
175	0.1400	GX	0.00	6.00
177	0.1400	GX	0.00	4.50
180	0.1400	GX	0.00	1.50
185	0.1400	GX	0.00	1.50
188	0.1400	GX	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
57	0.0700	GY	0.00	6.00				
58	0.0700	GY	0.00	6.00				
59	0.0700	GY	0.00	6.00				
60	0.0700	GY	0.00	6.00				
62	0.0700	GY	0.00	6.00				
67	0.0700	GY	0.00	6.00				
71	0.0700	GY	0.00	6.00				
72	0.0700	GY	0.00	6.00				
73	0.0700	GY	0.00	6.00				
77	0.0700	GY	0.00	6.00				
78	0.0700	GY	0.00	6.00				
79	0.0700	GY	0.00	6.00				
81	0.0700	GY	0.00	6.00				
82	0.0700	GY	0.00	6.00				
83	0.0700	GY	0.00	6.00				
84	0.0700	GY	0.00	6.00				
85	0.0700	GY	0.00	6.00				
176	0.0700	GY	0.00	4.50				
193	0.0700	GY	0.00	4.50				
63	0.1400	GY	0.00	6.00				
64	0.1400	GY	0.00	6.00				
65	0.1400	GY	0.00	6.00				
66	0.1400	GY	0.00	6.00				
68	0.1400	GY	0.00	1.50				
69	0.1400	GY	0.00	6.00				
70	0.1400	GY	0.00	6.00				

STAAD SPACE

-- PAGE NO. 17

74	0.1400	GY	0.00	1.50
75	0.1400	GY	0.00	6.00
76	0.1400	GY	0.00	6.00
80	0.1400	GY	0.00	6.00
90	0.1400	GY	0.00	6.00
91	0.1400	GY	0.00	6.00
96	0.1400	GY	0.00	6.00
97	0.1400	GY	0.00	6.00
102	0.1400	GY	0.00	6.00
103	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
115	0.1400	GY	0.00	6.00
120	0.1400	GY	0.00	6.00
121	0.1400	GY	0.00	6.00
128	0.1400	GY	0.00	6.00
129	0.1400	GY	0.00	6.00
130	0.1400	GY	0.00	6.00
131	0.1400	GY	0.00	6.00
132	0.1400	GY	0.00	6.00
133	0.1400	GY	0.00	6.00
140	0.1400	GY	0.00	6.00
141	0.1400	GY	0.00	6.00
142	0.1400	GY	0.00	6.00
143	0.1400	GY	0.00	6.00
144	0.1400	GY	0.00	6.00
145	0.1400	GY	0.00	6.00
154	0.1400	GY	0.00	6.00
155	0.1400	GY	0.00	6.00
156	0.1400	GY	0.00	6.00
157	0.1400	GY	0.00	6.00
168	0.1400	GY	0.00	6.00
169	0.1400	GY	0.00	6.00
172	0.1400	GY	0.00	6.00
173	0.1400	GY	0.00	6.00
174	0.1400	GY	0.00	6.00
175	0.1400	GY	0.00	6.00
177	0.1400	GY	0.00	4.50
180	0.1400	GY	0.00	1.50
185	0.1400	GY	0.00	1.50
188	0.1400	GY	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
57	0.0700	GZ	0.00	6.00				
58	0.0700	GZ	0.00	6.00				
59	0.0700	GZ	0.00	6.00				
60	0.0700	GZ	0.00	6.00				
62	0.0700	GZ	0.00	6.00				
67	0.0700	GZ	0.00	6.00				

STAAD SPACE

-- PAGE NO. 18

71	0.0700	GZ	0.00	6.00
72	0.0700	GZ	0.00	6.00
73	0.0700	GZ	0.00	6.00
77	0.0700	GZ	0.00	6.00
78	0.0700	GZ	0.00	6.00
79	0.0700	GZ	0.00	6.00
81	0.0700	GZ	0.00	6.00
82	0.0700	GZ	0.00	6.00
83	0.0700	GZ	0.00	6.00
84	0.0700	GZ	0.00	6.00
85	0.0700	GZ	0.00	6.00
176	0.0700	GZ	0.00	4.50
193	0.0700	GZ	0.00	4.50
63	0.1400	GZ	0.00	6.00
64	0.1400	GZ	0.00	6.00
65	0.1400	GZ	0.00	6.00
66	0.1400	GZ	0.00	6.00
68	0.1400	GZ	0.00	1.50
69	0.1400	GZ	0.00	6.00
70	0.1400	GZ	0.00	6.00
74	0.1400	GZ	0.00	1.50
75	0.1400	GZ	0.00	6.00
76	0.1400	GZ	0.00	6.00
80	0.1400	GZ	0.00	6.00
90	0.1400	GZ	0.00	6.00
91	0.1400	GZ	0.00	6.00
96	0.1400	GZ	0.00	6.00
97	0.1400	GZ	0.00	6.00
102	0.1400	GZ	0.00	6.00
103	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
115	0.1400	GZ	0.00	6.00
120	0.1400	GZ	0.00	6.00
121	0.1400	GZ	0.00	6.00
128	0.1400	GZ	0.00	6.00
129	0.1400	GZ	0.00	6.00
130	0.1400	GZ	0.00	6.00
131	0.1400	GZ	0.00	6.00
132	0.1400	GZ	0.00	6.00
133	0.1400	GZ	0.00	6.00
140	0.1400	GZ	0.00	6.00
141	0.1400	GZ	0.00	6.00
142	0.1400	GZ	0.00	6.00
143	0.1400	GZ	0.00	6.00
144	0.1400	GZ	0.00	6.00
145	0.1400	GZ	0.00	6.00
154	0.1400	GZ	0.00	6.00
155	0.1400	GZ	0.00	6.00
156	0.1400	GZ	0.00	6.00
157	0.1400	GZ	0.00	6.00
168	0.1400	GZ	0.00	6.00
169	0.1400	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 19

172	0.1400	GZ	0.00	6.00
173	0.1400	GZ	0.00	6.00
174	0.1400	GZ	0.00	6.00
175	0.1400	GZ	0.00	6.00
177	0.1400	GZ	0.00	4.50
180	0.1400	GZ	0.00	1.50
185	0.1400	GZ	0.00	1.50
188	0.1400	GZ	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
65				0.4000 GX	0.80		
130				0.4000 GX	0.80		
65				0.4000 GX	3.00		
130				0.4000 GX	3.00		

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
65				0.4000 GY	0.80		
130				0.4000 GY	0.80		
65				0.4000 GY	3.00		
130				0.4000 GY	3.00		

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
65				0.4000 GZ	0.80		
130				0.4000 GZ	0.80		
65				0.4000 GZ	3.00		
130				0.4000 GZ	3.00		

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

DIRECTIONAL VALUES:

SCALE FACTOR = 9.81

X = 1.00 Y = 0.00 Z = 0.00

DAMPING FACTOR = 0.050

PERIOD VS. ACCELERATION

0.0010	0.0300
0.1000	0.0480
0.2000	0.0670
0.3000	0.0670
0.4000	0.0670
0.5000	0.0670

STAAD SPACE

-- PAGE NO. 20

0.6000	0.0670
0.7000	0.0620
0.8000	0.0580
0.9000	0.0540
1.0000	0.0520
1.1000	0.0490
1.2000	0.0470
1.3000	0.0450
1.4000	0.0440
1.5000	0.0420
1.6000	0.0410
1.7000	0.0400
1.8000	0.0380
1.9000	0.0370
2.0000	0.0370
2.1000	0.0360
2.2000	0.0350
2.3000	0.0340
2.4000	0.0330
2.5000	0.0330
2.6000	0.0320
2.7000	0.0310
2.8000	0.0310
2.9000	0.0300
3.0000	0.0300
3.1000	0.0290
3.2000	0.0290
3.3000	0.0280
3.4000	0.0280
3.5000	0.0280
3.6000	0.0270
3.7000	0.0270
3.8000	0.0260
3.9000	0.0260
4.0000	0.0260
4.1000	0.0260
4.2000	0.0250
4.3000	0.0250
4.4000	0.0250
4.5000	0.0240
4.6000	0.0240
4.7000	0.0240
4.8000	0.0240
4.9000	0.0230
5.0000	0.0230

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

LOADING 7 LOADTYPE SEISMIC TITLE SISMO EN Z

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

DIRECTIONAL VALUES:

SCALE FACTOR = 9.81

X = 0.00 Y = 0.00 Z = 1.00

DAMPING FACTOR = 0.050

PERIOD VS. ACCELERATION

0.0010	0.0300
0.1000	0.0480
0.2000	0.0670
0.3000	0.0670
0.4000	0.0670
0.5000	0.0670
0.6000	0.0670
0.7000	0.0620
0.8000	0.0580
0.9000	0.0540
1.0000	0.0520
1.1000	0.0490
1.2000	0.0470
1.3000	0.0450
1.4000	0.0440
1.5000	0.0420
1.6000	0.0410
1.7000	0.0400
1.8000	0.0380
1.9000	0.0370
2.0000	0.0370
2.1000	0.0360
2.2000	0.0350
2.3000	0.0340
2.4000	0.0330
2.5000	0.0330
2.6000	0.0320
2.7000	0.0310
2.8000	0.0310
2.9000	0.0300
3.0000	0.0300
3.1000	0.0290
3.2000	0.0290
3.3000	0.0280
3.4000	0.0280
3.5000	0.0280
3.6000	0.0270
3.7000	0.0270
3.8000	0.0260
3.9000	0.0260
4.0000	0.0260
4.1000	0.0260
4.2000	0.0250
4.3000	0.0250

STAAD SPACE

-- PAGE NO. 22

4.4000	0.0250
4.5000	0.0240
4.6000	0.0240
4.7000	0.0240
4.8000	0.0240
4.9000	0.0230
5.0000	0.0230

LOADING 8 LOADTYPE DEAD TITLE CV MEDIA

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
57	-0.0150 GY	0.00	6.00				
58	-0.0150 GY	0.00	6.00				
59	-0.0150 GY	0.00	6.00				
60	-0.0150 GY	0.00	6.00				
62	-0.0150 GY	0.00	6.00				
67	-0.0150 GY	0.00	6.00				
71	-0.0150 GY	0.00	6.00				
72	-0.0150 GY	0.00	6.00				
73	-0.0150 GY	0.00	6.00				
77	-0.0150 GY	0.00	6.00				
78	-0.0150 GY	0.00	6.00				
79	-0.0150 GY	0.00	6.00				
81	-0.0150 GY	0.00	6.00				
82	-0.0150 GY	0.00	6.00				
83	-0.0150 GY	0.00	6.00				
84	-0.0150 GY	0.00	6.00				
85	-0.0150 GY	0.00	6.00				
176	-0.0150 GY	0.00	4.50				
193	-0.0150 GY	0.00	4.50				
63	-0.0300 GY	0.00	6.00				
64	-0.0300 GY	0.00	6.00				
65	-0.0300 GY	0.00	6.00				
66	-0.0300 GY	0.00	6.00				
68	-0.0300 GY	0.00	1.50				
69	-0.0300 GY	0.00	6.00				
70	-0.0300 GY	0.00	6.00				
74	-0.0300 GY	0.00	1.50				
75	-0.0300 GY	0.00	6.00				
76	-0.0300 GY	0.00	6.00				
80	-0.0300 GY	0.00	6.00				
90	-0.0300 GY	0.00	6.00				
91	-0.0300 GY	0.00	6.00				
96	-0.0300 GY	0.00	6.00				
97	-0.0300 GY	0.00	6.00				
102	-0.0300 GY	0.00	6.00				
103	-0.0300 GY	0.00	6.00				
110	-0.0300 GY	0.00	6.00				
111	-0.0300 GY	0.00	6.00				
112	-0.0300 GY	0.00	6.00				

STAAD SPACE

-- PAGE NO. 23

113	-0.0300	GY	0.00	6.00
114	-0.0300	GY	0.00	6.00
115	-0.0300	GY	0.00	6.00
120	-0.0300	GY	0.00	6.00
121	-0.0300	GY	0.00	6.00
128	-0.0300	GY	0.00	6.00
129	-0.0300	GY	0.00	6.00
130	-0.0300	GY	0.00	6.00
131	-0.0300	GY	0.00	6.00
132	-0.0300	GY	0.00	6.00
133	-0.0300	GY	0.00	6.00
140	-0.0300	GY	0.00	6.00
141	-0.0300	GY	0.00	6.00
142	-0.0300	GY	0.00	6.00
143	-0.0300	GY	0.00	6.00
144	-0.0300	GY	0.00	6.00
145	-0.0300	GY	0.00	6.00
154	-0.0300	GY	0.00	6.00
155	-0.0300	GY	0.00	6.00
156	-0.0300	GY	0.00	6.00
157	-0.0300	GY	0.00	6.00
168	-0.0300	GY	0.00	6.00
169	-0.0300	GY	0.00	6.00
172	-0.0300	GY	0.00	6.00
173	-0.0300	GY	0.00	6.00
174	-0.0300	GY	0.00	6.00
175	-0.0300	GY	0.00	6.00
177	-0.0300	GY	0.00	4.50
180	-0.0300	GY	0.00	1.50
185	-0.0300	GY	0.00	1.50
188	-0.0300	GY	0.00	6.00

*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 120 EQN.NO. 237
 LOADS APPLIED OR DISTRIBUTED HERE FROM ELEMENTS WILL BE IGNORED.
 THIS MAY BE DUE TO ALL MEMBERS AT THIS JOINT BEING RELEASED OR
 EFFECTIVELY RELEASED IN THIS DIRECTION.

*WARNING- ZERO STIFFNESS IN DIRECTION 2 AT JOINT 128 EQN.NO. 455

*WARNING- ZERO STIFFNESS IN DIRECTION 4 AT JOINT 128 EQN.NO. 457

*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 128 EQN.NO. 459

EIGEN METHOD : SUBSPACE

 NUMBER OF MODES REQUESTED = 20
 NUMBER OF EXISTING MASSES IN THE MODEL = 214
 NUMBER OF MODES THAT WILL BE USED = 20

CALCULATED FREQUENCIES FOR LOAD CASE 6

MODE	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	ACCURACY
1	2.138	0.46766	1.575E-16
2	2.862	0.34938	1.758E-16
3	3.273	0.30557	2.689E-16
4	3.345	0.29899	3.861E-16
5	3.366	0.29706	1.271E-16
6	3.480	0.28738	0.000E+00
7	3.683	0.27152	0.000E+00
8	3.742	0.26721	2.056E-16
9	3.862	0.25891	3.861E-16
10	4.592	0.21777	0.000E+00
11	4.958	0.20170	2.343E-16
12	5.774	0.17320	0.000E+00
13	6.093	0.16414	1.552E-16
14	6.777	0.14755	1.069E-12
15	7.008	0.14268	7.739E-15
16	7.346	0.13613	6.404E-16
17	7.498	0.13338	4.098E-16
18	7.608	0.13143	7.959E-15
19	7.782	0.12850	5.236E-08
20	7.783	0.12849	1.320E-09

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
21	7.821	0.12785	2.721E-12
22	7.836	0.12761	5.578E-11
23	7.868	0.12710	2.735E-14
24	7.946	0.12584	1.948E-13
25	8.359	0.11963	7.030E-13
26	8.454	0.11828	9.348E-15
27	8.528	0.11726	5.350E-11
28	9.344	0.10702	4.887E-12
29	9.660	0.10352	1.668E-10
30	9.819	0.10185	1.616E-11
31	9.987	0.10013	6.752E-11
32	10.103	0.09898	2.510E-10
33	10.544	0.09484	1.385E-10
34	10.727	0.09322	1.308E-09
35	10.799	0.09260	1.673E-09
36	10.941	0.09140	9.844E-11
37	10.979	0.09108	2.287E-09
38	11.008	0.09084	1.149E-10
39	11.489	0.08704	8.027E-09
40	11.614	0.08611	7.399E-09
41	12.030	0.08313	3.925E-10
42	12.258	0.08158	1.259E-08

RESPONSE LOAD CASE 6

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	6.100761E-03	7.450570E-04	3.857482E+02	2.148431E+02
2	1.192911E+01	1.032934E-01	6.609759E+00	1.368405E+02
3	1.882184E+01	2.053802E+00	7.141794E-03	3.714236E+01
4	2.003568E+01	7.662785E+01	1.118288E-01	3.974244E+01
5	2.835620E-01	7.261156E-01	8.635414E-02	1.007955E+02
6	3.392384E+02	7.287677E+00	5.651972E-01	2.113216E+02
7	6.523857E+00	5.024708E-03	3.421436E-01	1.699683E+01
8	8.568555E-01	1.048189E-03	9.037248E-02	1.885310E+01

STAAD SPACE

-- PAGE NO. 26

9	1.480868E+00	1.133743E-02	1.481902E-01	3.694681E+01
10	5.138363E+00	3.600763E-04	1.573746E+00	4.397990E+01
11	3.239960E-04	5.472100E+00	2.093838E-03	4.641935E+01
12	1.718127E+00	2.888409E-03	5.137545E-03	3.795627E+00
13	2.298447E-02	8.319268E-05	1.039105E-04	6.781603E+01
14	8.559051E-04	7.378370E-05	5.936158E-03	2.750583E+01
15	7.886561E-02	6.993433E-03	1.490805E+01	8.230976E+01
16	4.209300E-02	2.356418E+01	3.007375E-03	6.928863E+00
17	1.297774E-02	3.411237E+01	8.593510E-06	3.220265E+01
18	8.716111E-03	9.201361E-02	1.452196E-04	4.125162E+01
19	4.616122E-10	1.231138E-09	3.123401E-08	2.786292E+01
20	1.097054E-04	1.455092E-04	5.952136E-03	2.875669E+01

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 4.107093E+02 4.107093E+02 4.107093E+02 MTON
 MISSING WEIGHT X Y Z -4.509659E+00 -2.606412E+02 -4.959567E-01 MTON
 MODAL WEIGHT X Y Z 4.061997E+02 1.500681E+02 4.102134E+02 MTON

MODE	ACCELERATION-G	DAMPING
----	-----	-----
1	0.06702	0.05000
2	0.06702	0.05000
3	0.06702	0.05000
4	0.06702	0.05000
5	0.06702	0.05000
6	0.06702	0.05000
7	0.06702	0.05000
8	0.06702	0.05000
9	0.06702	0.05000
10	0.06702	0.05000
11	0.06702	0.05000
12	0.06193	0.05000
13	0.06021	0.05000
14	0.05705	0.05000
15	0.05613	0.05000
16	0.05488	0.05000
17	0.05436	0.05000
18	0.05399	0.05000
19	0.05343	0.05000
20	0.05343	0.05000

MODAL BASE ACTIONS

FORCES IN MTON LENGTH IN METE

MOMENTS ARE ABOUT THE ORIGIN

MODE	PERIOD	FX	FY	FZ	MX	MY	MZ
1	0.468	0.00	-0.00	0.10	0.40	-1.23	-0.00
2	0.349	0.80	0.07	0.60	1.29	-29.40	-1.52
3	0.306	1.26	0.42	0.02	-4.89	10.16	3.02
4	0.299	1.34	2.63	-0.10	-32.24	29.58	42.88
5	0.297	0.02	0.03	0.01	-0.33	0.91	0.48
6	0.287	22.74	-3.33	-0.93	41.83	435.85	-143.10
7	0.272	0.44	-0.01	0.10	0.61	11.07	-1.82
8	0.267	0.06	-0.00	-0.02	0.01	1.77	-0.24
9	0.259	0.10	0.01	-0.03	-4.10	2.31	-0.40
10	0.218	0.34	0.00	0.19	1.02	15.09	-1.26
11	0.202	0.00	0.00	0.00	-0.04	0.00	0.05
12	0.173	0.11	-0.00	0.01	0.15	2.35	-0.41
13	0.164	0.00	-0.00	0.00	0.00	0.03	-0.01
14	0.148	0.00	-0.00	-0.00	-0.00	0.00	-0.00
15	0.143	0.00	-0.00	0.06	0.29	-0.65	-0.02
16	0.136	0.00	0.05	0.00	-1.57	0.05	0.59
17	0.133	0.00	0.04	0.00	-0.71	0.01	0.04
18	0.131	0.00	0.00	-0.00	0.12	0.00	0.04
19	0.128	0.00	0.00	-0.00	-0.00	0.00	0.00
20	0.128	0.00	0.00	-0.00	-0.00	0.00	0.00

MODE	MASS PARTICIPATION FACTORS IN PERCENT						BASE SHEAR IN MTON		
	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	0.00	0.00	93.92	0.001	0.000	93.922	0.00	0.00	0.00
2	2.90	0.03	1.61	2.906	0.025	95.532	0.80	0.00	0.00
3	4.58	0.50	0.00	7.489	0.525	95.533	1.26	0.00	0.00
4	4.88	18.66	0.03	12.367	19.183	95.561	1.34	0.00	0.00
5	0.07	0.18	0.02	12.436	19.360	95.582	0.02	0.00	0.00
6	82.60	1.77	0.14	95.034	21.134	95.719	22.74	0.00	0.00
7	1.59	0.00	0.08	96.623	21.135	95.803	0.44	0.00	0.00
8	0.21	0.00	0.02	96.831	21.136	95.825	0.06	0.00	0.00
9	0.36	0.00	0.04	97.192	21.138	95.861	0.10	0.00	0.00
10	1.25	0.00	0.38	98.443	21.138	96.244	0.34	0.00	0.00
11	0.00	1.33	0.00	98.443	22.471	96.244	0.00	0.00	0.00
12	0.42	0.00	0.00	98.861	22.471	96.246	0.11	0.00	0.00
13	0.01	0.00	0.00	98.867	22.471	96.246	0.00	0.00	0.00
14	0.00	0.00	0.00	98.867	22.471	96.247	0.00	0.00	0.00
15	0.02	0.00	3.63	98.886	22.473	99.877	0.00	0.00	0.00
16	0.01	5.74	0.00	98.897	28.211	99.878	0.00	0.00	0.00
17	0.00	8.31	0.00	98.900	36.516	99.878	0.00	0.00	0.00
18	0.00	0.02	0.00	98.902	36.539	99.878	0.00	0.00	0.00
19	0.00	0.00	0.00	98.902	36.539	99.878	0.00	0.00	0.00
20	0.00	0.00	0.00	98.902	36.539	99.879	0.00	0.00	0.00

TOTAL SRSS SHEAR							22.83	0.00	0.00
TOTAL 10PCT SHEAR							25.82	0.00	0.00
TOTAL ABS SHEAR							27.21	0.00	0.00

RESPONSE LOAD CASE 7

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	6.100761E-03	7.450570E-04	3.857482E+02	2.148431E+02
2	1.192911E+01	1.032934E-01	6.609759E+00	1.368405E+02
3	1.882184E+01	2.053802E+00	7.141794E-03	3.714236E+01
4	2.003568E+01	7.662785E+01	1.118288E-01	3.974244E+01
5	2.835620E-01	7.261156E-01	8.635414E-02	1.007955E+02
6	3.392384E+02	7.287677E+00	5.651972E-01	2.113216E+02
7	6.523857E+00	5.024708E-03	3.421436E-01	1.699683E+01
8	8.568555E-01	1.048189E-03	9.037248E-02	1.885310E+01

STAAD SPACE

-- PAGE NO. 29

9	1.480868E+00	1.133743E-02	1.481902E-01	3.694681E+01
10	5.138363E+00	3.600763E-04	1.573746E+00	4.397990E+01
11	3.239960E-04	5.472100E+00	2.093838E-03	4.641935E+01
12	1.718127E+00	2.888409E-03	5.137545E-03	3.795627E+00
13	2.298447E-02	8.319268E-05	1.039105E-04	6.781603E+01
14	8.559051E-04	7.378370E-05	5.936158E-03	2.750583E+01
15	7.886561E-02	6.993433E-03	1.490805E+01	8.230976E+01
16	4.209300E-02	2.356418E+01	3.007375E-03	6.928863E+00
17	1.297774E-02	3.411237E+01	8.593510E-06	3.220265E+01
18	8.716111E-03	9.201361E-02	1.452196E-04	4.125162E+01
19	4.616122E-10	1.231138E-09	3.123401E-08	2.786292E+01
20	1.097054E-04	1.455092E-04	5.952136E-03	2.875669E+01

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 4.107093E+02 4.107093E+02 4.107093E+02 MTON
 MISSING WEIGHT X Y Z -4.509659E+00 -2.606412E+02 -4.959567E-01 MTON
 MODAL WEIGHT X Y Z 4.061997E+02 1.500681E+02 4.102134E+02 MTON

MODE	ACCELERATION-G	DAMPING
----	-----	-----
1	0.06702	0.05000
2	0.06702	0.05000
3	0.06702	0.05000
4	0.06702	0.05000
5	0.06702	0.05000
6	0.06702	0.05000
7	0.06702	0.05000
8	0.06702	0.05000
9	0.06702	0.05000
10	0.06702	0.05000
11	0.06702	0.05000
12	0.06193	0.05000
13	0.06021	0.05000
14	0.05705	0.05000
15	0.05613	0.05000
16	0.05488	0.05000
17	0.05436	0.05000
18	0.05399	0.05000
19	0.05343	0.05000
20	0.05343	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	0.468	0.10	-0.04	25.85	100.23	-309.90	-1.06
2	0.349	0.60	0.06	0.44	0.96	-21.88	-1.13
3	0.306	0.02	0.01	0.00	-0.10	0.20	0.06
4	0.299	-0.10	-0.20	0.01	2.41	-2.21	-3.20
5	0.297	0.01	0.02	0.01	-0.18	0.50	0.27
6	0.287	-0.93	0.14	0.04	-1.71	-17.79	5.84
7	0.272	0.10	-0.00	0.02	0.14	2.53	-0.42
8	0.267	-0.02	0.00	0.01	-0.00	-0.58	0.08
9	0.259	-0.03	-0.00	0.01	1.30	-0.73	0.13
10	0.218	0.19	0.00	0.11	0.56	8.35	-0.69
11	0.202	0.00	0.01	0.00	-0.10	0.00	0.13
12	0.173	0.01	-0.00	0.00	0.01	0.13	-0.02
13	0.164	0.00	-0.00	0.00	0.00	0.00	-0.00
14	0.148	-0.00	0.00	0.00	0.00	-0.00	0.00
15	0.143	0.06	-0.02	0.84	3.94	-8.98	-0.34
16	0.136	0.00	0.01	0.00	-0.42	0.01	0.16
17	0.133	0.00	0.00	0.00	-0.02	0.00	0.00
18	0.131	-0.00	-0.00	0.00	-0.02	-0.00	-0.00
19	0.128	-0.00	-0.00	0.00	0.00	-0.00	-0.00
20	0.128	-0.00	-0.00	0.00	0.00	-0.01	-0.00

MODE	MASS PARTICIPATION FACTORS IN PERCENT						BASE SHEAR IN MTON		
	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	0.00	0.00	93.92	0.001	0.000	93.922	0.00	0.00	25.85
2	2.90	0.03	1.61	2.906	0.025	95.532	0.00	0.00	0.44
3	4.58	0.50	0.00	7.489	0.525	95.533	0.00	0.00	0.00
4	4.88	18.66	0.03	12.367	19.183	95.561	0.00	0.00	0.01
5	0.07	0.18	0.02	12.436	19.360	95.582	0.00	0.00	0.01
6	82.60	1.77	0.14	95.034	21.134	95.719	0.00	0.00	0.04
7	1.59	0.00	0.08	96.623	21.135	95.803	0.00	0.00	0.02
8	0.21	0.00	0.02	96.831	21.136	95.825	0.00	0.00	0.01
9	0.36	0.00	0.04	97.192	21.138	95.861	0.00	0.00	0.01
10	1.25	0.00	0.38	98.443	21.138	96.244	0.00	0.00	0.11
11	0.00	1.33	0.00	98.443	22.471	96.244	0.00	0.00	0.00
12	0.42	0.00	0.00	98.861	22.471	96.246	0.00	0.00	0.00
13	0.01	0.00	0.00	98.867	22.471	96.246	0.00	0.00	0.00
14	0.00	0.00	0.00	98.867	22.471	96.247	0.00	0.00	0.00
15	0.02	0.00	3.63	98.886	22.473	99.877	0.00	0.00	0.84
16	0.01	5.74	0.00	98.897	28.211	99.878	0.00	0.00	0.00
17	0.00	8.31	0.00	98.900	36.516	99.878	0.00	0.00	0.00
18	0.00	0.02	0.00	98.902	36.539	99.878	0.00	0.00	0.00
19	0.00	0.00	0.00	98.902	36.539	99.878	0.00	0.00	0.00
20	0.00	0.00	0.00	98.902	36.539	99.879	0.00	0.00	0.00
TOTAL SRSS SHEAR							0.00	0.00	25.87
TOTAL 10PCT SHEAR							0.00	0.00	25.87
TOTAL ABS SHEAR							0.00	0.00	27.33

FOR LOADING - 1

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	-5.02222E-01	0.00000E+00	1.60711E-01	0.00000E+00	-1.78568E-02
3	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	-5.55792E-01	0.00000E+00	1.60711E-01	0.00000E+00	0.00000E+00
5	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
6	0.00000E+00	-5.46695E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
7	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8	0.00000E+00	-5.02222E-01	0.00000E+00	1.60711E-01	0.00000E+00	1.78568E-02
9	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.00000E+00	-5.02222E-01	0.00000E+00	1.60711E-01	0.00000E+00	-1.78568E-02
11	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	-7.16503E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
13	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
14	0.00000E+00	-7.64009E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.58352E-02
15	0.00000E+00	-2.87940E-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
16	0.00000E+00	-7.10438E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.36920E-02
17	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.00000E+00	-6.62933E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.78568E-02
19	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	0.00000E+00	-7.16503E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
21	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	-7.64009E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.58352E-02
23	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	-7.10438E-01	0.00000E+00	3.29626E-08	0.00000E+00	3.36920E-02
25	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	-6.62933E-01	0.00000E+00	-5.49376E-08	0.00000E+00	-1.78568E-02
27	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.00000E+00	-6.62933E-01	0.00000E+00	-5.49376E-08	0.00000E+00	1.78568E-02
29	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-7.10438E-01	0.00000E+00	-5.49376E-08	0.00000E+00	-3.36920E-02
31	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-7.10438E-01	0.00000E+00	-5.49376E-08	0.00000E+00	3.36920E-02
33	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-6.62933E-01	0.00000E+00	8.79001E-08	0.00000E+00	-1.78568E-02
35	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0.00000E+00	-6.62933E-01	0.00000E+00	8.79001E-08	0.00000E+00	1.78568E-02
37	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-6.62933E-01	0.00000E+00	8.79001E-08	0.00000E+00	-1.78568E-02
39	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0.00000E+00	-7.46826E-01	0.00000E+00	-3.03227E-02	0.00000E+00	0.00000E+00
41	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0.00000E+00	-6.62933E-01	0.00000E+00	8.79001E-08	0.00000E+00	1.78568E-02
43	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
44	0.00000E+00	-6.62933E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-1.78568E-02
45	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	0.00000E+00	-7.16503E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
47	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0.00000E+00	-5.82577E-01	0.00000E+00	-1.50667E-01	0.00000E+00	7.81232E-03
49	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
50	0.00000E+00	-5.82577E-01	0.00000E+00	-1.50667E-01	0.00000E+00	-7.81235E-03
51	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-6.62933E-01	0.00000E+00	-8.79001E-08	0.00000E+00	1.78568E-02
53	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-5.02222E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-1.78568E-02
55	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-5.55792E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
57	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-5.02222E-01	0.00000E+00	-9.03999E-02	0.00000E+00	7.81232E-03
59	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-5.42399E-01	0.00000E+00	-9.03999E-02	0.00000E+00	2.23210E-02
61	0.00000E+00	-2.87940E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-5.02222E-01	0.00000E+00	-1.60711E-01	0.00000E+00	1.78568E-02
63	0.00000E+00	-5.05380E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-5.05380E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
65	0.00000E+00	-5.44800E-01	0.00000E+00	3.94196E-02	0.00000E+00	0.00000E+00
66	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	2.74688E-08
67	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-2.74688E-08
68	0.00000E+00	-5.05380E-01	0.00000E+00	0.00000E+00	0.00000E+00	5.21907E-08

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
69	0.00000E+00	-5.05380E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.21907E-08
70	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-1.23610E-08
71	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
72	0.00000E+00	-5.05380E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.47219E-08
73	0.00000E+00	-5.05380E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
74	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-6.86720E-09
75	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	1.23610E-08
76	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	-6.86720E-09
77	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.23610E-08
78	0.00000E+00	-5.05380E-01	0.00000E+00	3.29626E-08	0.00000E+00	5.21907E-08
79	0.00000E+00	-5.05380E-01	0.00000E+00	3.29626E-08	0.00000E+00	-5.21907E-08
80	0.00000E+00	-5.05380E-01	0.00000E+00	3.29626E-08	0.00000E+00	-2.47219E-08
81	0.00000E+00	-5.05380E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
82	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-6.86720E-09
83	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	1.23610E-08
84	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
85	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
86	0.00000E+00	-4.10369E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
87	0.00000E+00	-4.10369E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
88	0.00000E+00	-5.05380E-01	0.00000E+00	-4.39501E-08	0.00000E+00	5.21907E-08
89	0.00000E+00	-5.05380E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-5.21907E-08
90	0.00000E+00	-5.05380E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-2.47219E-08
91	0.00000E+00	-5.05380E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
92	0.00000E+00	-4.10369E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
93	0.00000E+00	-4.10369E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
94	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	2.74688E-08
95	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-2.74688E-08
96	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	-1.23610E-08
97	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
98	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
99	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
100	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	2.74688E-08
101	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-2.74688E-08
102	0.00000E+00	-1.91792E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-3.34816E-03
103	0.00000E+00	-1.91792E-01	0.00000E+00	-1.51614E-01	0.00000E+00	3.34814E-03
104	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
105	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
106	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-6.86720E-09
107	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	1.23610E-08
108	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	2.74688E-08
109	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-2.74688E-08
112	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-6.86720E-09
113	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	1.23610E-08
114	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
116	0.00000E+00	-1.90655E-01	0.00000E+00	8.03555E-02	0.00000E+00	0.00000E+00
117	0.00000E+00	-1.60711E-01	0.00000E+00	8.03555E-02	0.00000E+00	0.00000E+00
120	0.00000E+00	-1.81559E-01	0.00000E+00	7.58071E-02	0.00000E+00	0.00000E+00
121	0.00000E+00	-2.34244E-01	0.00000E+00	-8.52830E-02	0.00000E+00	-3.01333E-02
123	0.00000E+00	-2.31970E-01	0.00000E+00	-1.51614E-01	0.00000E+00	1.03008E-08
124	0.00000E+00	-9.14738E-02	0.00000E+00	9.47586E-03	0.00000E+00	1.37344E-08
125	0.00000E+00	-2.05184E-01	0.00000E+00	1.51614E-01	0.00000E+00	8.92840E-03
126	0.00000E+00	-9.14738E-02	0.00000E+00	9.47586E-03	0.00000E+00	-8.92838E-03

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
127	0.00000E+00	-1.29629E-01	0.00000E+00	-9.47586E-03	0.00000E+00	0.00000E+00

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

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

X = 0.124426747E+02
 Y = 0.311146161E+01
 Z = 0.184317576E+02

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

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -48.68
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 897.17 MY= 0.00 MZ= -605.65

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

SUMMATION FORCE-X = -0.00
 SUMMATION FORCE-Y = 48.68
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -897.17 MY= -0.00 MZ= 605.65

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 1)

MAXIMUMS AT NODE
 X = -2.35379E-03 2
 Y = -2.19658E-01 64
 Z = 1.27419E-03 54
 RX= -3.80426E-04 94
 RY= 7.23639E-07 84
 RZ= 4.91936E-04 79

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	-0.29	0.00	0.00	0.00	0.00	
	-0.09	-0.70	-0.03	-0.04	0.00	0.14	111111
3	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.01	-1.02	-0.03	-0.04	0.00	0.04	111111
5	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.03	-1.15	-0.16	-0.23	0.00	0.06	111111

STAAD SPACE

-- PAGE NO. 35

6	0.00	-0.55	0.00	0.15	0.00	0.00	
	0.03	0.55	0.16	-0.15	-0.00	-0.00	000000
7	0.00	-0.29	0.00	0.00	0.00	0.00	
	0.07	-0.70	-0.03	-0.05	0.00	-0.07	111111
9	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.09	-0.70	-0.03	-0.03	0.00	0.14	111111
11	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.03	-1.34	0.01	0.01	0.00	0.05	111111
13	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.49	-2.64	0.01	0.01	0.00	0.65	111111
14	0.00	-0.76	0.00	0.00	0.00	-0.02	
	0.49	0.76	-0.01	0.00	-0.00	0.02	000000
15	0.00	-0.29	0.00	0.00	0.00	0.00	
	0.66	-1.89	0.00	0.00	0.00	-0.85	111111
16	0.00	-0.71	0.00	0.00	0.00	0.03	
	-0.66	0.71	-0.00	0.00	-0.00	-0.03	000000
17	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.18	-1.12	0.01	0.02	0.00	0.24	111111
18	0.00	-0.66	0.00	0.00	0.00	-0.02	
	0.18	0.66	-0.01	-0.00	-0.00	0.02	000000
19	0.00	-0.29	0.00	0.00	0.00	0.00	
	0.12	-1.26	0.00	0.01	0.00	-0.15	111111
20	0.00	-0.72	0.00	0.00	0.00	0.00	
	-0.12	0.72	-0.00	-0.00	-0.00	-0.00	000000
21	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.65	-2.51	0.00	0.00	0.00	0.86	111111
22	0.00	-0.76	0.00	0.00	0.00	-0.02	
	0.65	0.76	-0.00	-0.00	-0.00	0.02	000000
23	0.00	-0.29	0.00	0.00	0.00	0.00	
	0.78	-2.02	-0.00	-0.00	0.00	-1.01	111111
24	0.00	-0.71	0.00	0.00	0.00	0.03	
	-0.78	0.71	0.00	-0.00	-0.00	-0.03	000000
25	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.17	-1.07	0.00	0.01	0.00	0.23	111111
26	0.00	-0.66	0.00	-0.00	0.00	-0.02	
	0.17	0.66	-0.00	0.00	-0.00	0.02	000000
27	0.00	-0.29	0.00	0.00	0.00	0.00	
	0.15	-1.07	0.00	0.01	0.00	-0.19	111111
28	0.00	-0.66	0.00	-0.00	0.00	0.02	
	-0.15	0.66	-0.00	0.00	-0.00	-0.02	000000
29	0.00	-0.29	0.00	0.00	0.00	0.00	
	-0.66	-1.80	0.00	0.01	0.00	0.88	111111
30	0.00	-0.71	0.00	-0.00	0.00	-0.03	
	0.66	0.71	-0.00	0.00	-0.00	0.03	000000
31	0.00	-0.29	0.00	0.00	0.00	0.00	

STAAD SPACE							-- PAGE NO. 36	
37	0.00	-0.29	0.00	0.00	0.00	0.00		
	-0.18	-1.13	0.00	0.00	0.00	0.25	111111	
38	0.00	-0.66	0.00	0.00	0.00	-0.02		
	0.18	0.66	-0.00	-0.00	-0.00	0.02	000000	
39	0.00	-0.29	0.00	0.00	0.00	0.00		
	0.08	-1.77	0.11	0.15	0.00	-0.09	111111	
40	0.00	-0.75	0.00	-0.03	0.00	0.00		
	-0.08	0.75	-0.11	0.03	-0.00	0.00	000000	
41	0.00	-0.29	0.00	0.00	0.00	0.00		
	0.07	-0.86	-0.00	-0.00	0.00	-0.09	111111	
43	0.00	-0.29	0.00	0.00	0.00	0.00		
	-0.16	-1.10	0.00	0.00	0.00	0.21	111111	
44	0.00	-0.66	0.00	-0.00	0.00	-0.02		
	0.16	0.66	-0.00	0.00	-0.00	0.02	000000	
45	0.00	-0.29	0.00	0.00	0.00	0.00		
	0.07	-1.46	-0.00	0.00	0.00	-0.09	111111	
47	0.00	-0.29	0.00	0.00	0.00	0.00		
	-0.06	-1.44	-0.00	-0.00	0.00	0.08	111111	
49	0.00	-0.29	0.00	0.00	0.00	0.00		
	0.03	-1.42	-0.03	-0.05	0.00	-0.04	111111	
51	0.00	-0.29	0.00	0.00	0.00	0.00		
	0.09	-0.91	-0.01	-0.01	0.00	-0.11	111111	
53	0.00	-0.29	0.00	0.00	0.00	0.00		
	-0.08	-0.70	0.04	0.05	0.00	0.10	111111	
55	0.00	-0.29	0.00	0.00	0.00	0.00		
	0.00	-1.05	0.03	0.05	0.00	-0.01	111111	
57	0.00	-0.29	0.00	0.00	0.00	0.00		
	-0.01	-1.12	0.03	0.05	0.00	0.01	111111	
59	0.00	-0.29	0.00	0.00	0.00	0.00		
	-0.01	-1.07	0.04	0.06	0.00	0.01	111111	
61	0.00	-0.29	0.00	0.00	0.00	0.00		
	0.09	-0.73	0.03	0.04	0.00	-0.12	111111	

FOR LOADING - 2
 APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
6	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
8	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
10	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
14	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
16	0.00000E+00	-2.82000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
18	0.00000E+00	-2.82000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
20	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	-2.82000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
26	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
28	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
30	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
32	0.00000E+00	-2.82000E+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
42	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
44	0.00000E+00	-2.82000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
46	0.00000E+00	-4.23000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
48	0.00000E+00	-2.11500E+00	0.00000E+00	-1.23375E+00	0.00000E+00	0.00000E+00
50	0.00000E+00	-2.11500E+00	0.00000E+00	-1.23375E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-2.11500E+00	0.00000E+00	-1.58625E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-1.05750E+00	0.00000E+00	-7.93125E-01	0.00000E+00	0.00000E+00
62	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
64	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
65	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
66	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
67	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
69	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
70	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
71	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
72	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
74	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
77	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
78	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
79	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
80	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
81	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
82	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
83	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
87	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
88	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
89	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
90	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
91	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
92	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
93	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
94	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
104	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00

STAAD SPACE

-- PAGE NO. 38

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
105	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
106	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
108	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
112	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	-1.76250E+00	0.00000E+00	6.16876E-01	0.00000E+00	0.00000E+00
117	0.00000E+00	-2.82000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	-1.76250E+00	0.00000E+00	6.16876E-01	0.00000E+00	0.00000E+00
121	0.00000E+00	-1.05750E+00	0.00000E+00	-7.93125E-01	0.00000E+00	0.00000E+00
123	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
124	0.00000E+00	-7.04999E-01	0.00000E+00	1.76250E-01	0.00000E+00	0.00000E+00
125	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-7.04999E-01	0.00000E+00	1.76250E-01	0.00000E+00	0.00000E+00
127	0.00000E+00	-7.04999E-01	0.00000E+00	-1.76250E-01	0.00000E+00	0.00000E+00

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

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

X = 0.123552631E+02
Y = 0.389999989E+01
Z = 0.175592105E+02

***TOTAL APPLIED LOAD (MTON METER) SUMMARY (LOADING 2)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -321.48
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 5644.93 MY= 0.00 MZ= -3971.97

***TOTAL REACTION LOAD(MTON METER) SUMMARY (LOADING 2)
SUMMATION FORCE-X = -0.00
SUMMATION FORCE-Y = 321.48
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -5644.93 MY= -0.00 MZ= 3971.97

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 2)
 MAXIMUMS AT NODE
 X = -2.53096E-02 2
 Y = -2.43255E+00 64
 Z = 1.67042E-02 10
 RX= -4.99119E-03 94
 RY= 8.68250E-06 115
 RZ= 5.45289E-03 79

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 -0.88	0.00 -4.61	0.00 -0.51	0.00 -0.68	0.00 0.00	0.00 1.39	111111
2	0.00 0.88	-2.82 2.82	0.00 0.51	2.82 -2.82	0.00 -0.00	0.00 -0.00	000000
3	0.00 -0.16	0.00 -7.27	0.00 -0.54	0.00 -0.75	0.00 0.00	0.00 0.45	111111
4	0.00 0.16	-2.82 2.82	0.00 0.54	2.82 -2.82	0.00 -0.00	0.00 -0.00	000000
5	0.00 -0.27	0.00 -8.94	0.00 -2.10	0.00 -2.97	0.00 0.00	0.00 0.59	111111
6	0.00 0.27	-2.82 2.82	0.00 2.10	2.82 -2.82	0.00 -0.00	0.00 -0.00	000000
7	0.00 0.67	0.00 -3.45	0.00 -0.30	0.00 -0.44	0.00 0.00	0.00 -0.64	111111
8	0.00 -0.67	-1.41 1.41	0.00 0.30	1.41 -1.41	0.00 -0.00	0.00 0.00	000000
9	0.00 -0.81	0.00 -3.27	0.00 -0.23	0.00 -0.27	0.00 0.00	0.00 1.25	111111
10	0.00 0.81	-1.41 1.41	0.00 0.23	1.41 -1.41	0.00 -0.00	0.00 0.00	000000
11	0.00 -0.82	0.00 -14.11	0.00 0.09	0.00 0.17	0.00 0.00	0.00 1.26	111111
12	0.00 0.82	-5.64 5.64	0.00 -0.09	0.00 -0.00	0.00 -0.00	0.00 0.00	000000
13	0.00 -5.19	0.00 -28.97	0.00 0.07	0.00 0.11	0.00 0.00	0.00 6.97	111111
14	0.00 5.19	-5.64 5.64	0.00 -0.07	0.00 -0.00	0.00 -0.00	0.00 -0.00	000000
15	0.00 7.52	0.00 -16.41	0.00 0.02	0.00 0.01	0.00 0.00	0.00 -9.64	111111
16	0.00 -7.52	-2.82 2.82	0.00 -0.02	0.00 -0.00	0.00 -0.00	0.00 0.00	000000
17	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 40	
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-7.23	-23.09	0.21	0.32	0.00	9.59	111111
22	0.00	-4.23	0.00	-1.41	0.00	0.00	
	7.23	4.23	-0.21	1.41	-0.00	-0.00	000000
23	0.00	0.00	0.00	0.00	0.00	0.00	
	8.63	-17.29	-0.02	-0.04	0.00	-11.14	111111
24	0.00	-2.82	0.00	0.00	0.00	0.00	
	-8.63	2.82	0.02	-0.00	-0.00	0.00	000000
25	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.17	-8.42	0.05	0.13	0.00	2.92	111111
26	0.00	-2.82	0.00	-0.00	0.00	0.00	
	2.17	2.82	-0.05	0.00	-0.00	0.00	000000
27	0.00	0.00	0.00	0.00	0.00	0.00	
	2.05	-8.31	0.01	0.05	0.00	-2.59	111111
28	0.00	-2.82	0.00	-0.00	0.00	0.00	
	-2.05	2.82	-0.01	0.00	-0.00	-0.00	000000
29	0.00	0.00	0.00	0.00	0.00	0.00	
	-7.30	-14.90	0.00	0.02	0.00	9.63	111111
30	0.00	-2.82	0.00	-0.00	0.00	0.00	
	7.30	2.82	-0.00	0.00	-0.00	0.00	000000
31	0.00	0.00	0.00	0.00	0.00	0.00	
	7.51	-16.22	-0.04	-0.07	0.00	-9.73	111111
32	0.00	-2.82	0.00	-0.00	0.00	0.00	
	-7.51	2.82	0.04	0.00	-0.00	0.00	000000
33	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.12	-8.38	0.07	0.15	0.00	2.82	111111
34	0.00	-2.82	0.00	0.00	0.00	0.00	
	2.12	2.82	-0.07	-0.00	-0.00	-0.00	000000
35	0.00	0.00	0.00	0.00	0.00	0.00	
	2.07	-8.23	0.08	0.16	0.00	-2.66	111111
36	0.00	-2.82	0.00	0.00	0.00	0.00	
	-2.07	2.82	-0.08	-0.00	-0.00	0.00	000000
37	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.46	-9.22	0.07	0.12	0.00	3.26	111111
38	0.00	-2.82	0.00	0.00	0.00	0.00	
	2.46	2.82	-0.07	-0.00	-0.00	0.00	000000
39	0.00	0.00	0.00	0.00	0.00	0.00	
	1.35	-16.57	1.34	1.90	0.00	-1.72	111111
40	0.00	-4.23	0.00	-1.41	0.00	0.00	
	-1.35	4.23	-1.34	1.41	-0.00	0.00	000000
41	0.00	0.00	0.00	0.00	0.00	0.00	
	0.62	-3.19	0.22	0.29	0.00	-0.77	111111
42	0.00	-1.41	0.00	-1.41	0.00	0.00	
	-0.62	1.41	-0.22	1.41	-0.00	-0.00	000000
43	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE	-- PAGE NO. 41					
49	0.00	0.00	0.00	0.00	0.00	0.00
	0.42	-10.62	-0.33	-0.46	0.00	-0.55 111111
50	0.00	-2.11	0.00	-1.23	0.00	0.00
	-0.42	2.11	0.33	1.23	-0.00	-0.00 000000
51	0.00	0.00	0.00	0.00	0.00	0.00
	0.90	-3.97	-0.28	-0.41	0.00	-1.18 111111
52	0.00	-1.41	0.00	1.41	0.00	0.00
	-0.90	1.41	0.28	-1.41	-0.00	0.00 000000
53	0.00	0.00	0.00	0.00	0.00	0.00
	-0.72	-3.37	0.33	0.52	0.00	0.89 111111
54	0.00	-1.41	0.00	-1.41	0.00	0.00
	0.72	1.41	-0.33	1.41	-0.00	0.00 000000
55	0.00	0.00	0.00	0.00	0.00	0.00
	-0.04	-7.97	0.63	0.92	0.00	-0.00 111111
56	0.00	-2.82	0.00	-2.82	0.00	0.00
	0.04	2.82	-0.63	2.82	-0.00	-0.00 000000
57	0.00	0.00	0.00	0.00	0.00	0.00
	0.14	-8.52	0.61	0.88	0.00	-0.24 111111
58	0.00	-2.12	0.00	-1.59	0.00	0.00
	-0.14	2.12	-0.61	1.59	-0.00	0.00 000000
59	0.00	0.00	0.00	0.00	0.00	0.00
	-0.40	-5.79	0.38	0.54	0.00	0.47 111111
60	0.00	-1.06	0.00	-0.79	0.00	0.00
	0.40	1.06	-0.38	0.79	-0.00	0.00 000000
61	0.00	0.00	0.00	0.00	0.00	0.00
	1.02	-4.07	0.31	0.42	0.00	-1.39 111111
62	0.00	-1.41	0.00	-1.41	0.00	0.00
	-1.02	1.41	-0.31	1.41	-0.00	0.00 000000

FOR LOADING - 3
 APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
4	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
6	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
8	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
10	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
12	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
14	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
16	0.00000E+00	-6.00000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
18	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
20	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
22	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
24	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
26	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
36	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
38	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
40	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
42	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
44	0.00000E+00	-6.00000E-01	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
50	0.00000E+00	-4.50000E-01	0.00000E+00	-2.62500E-01	0.00000E+00	0.00000E+00
52	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
54	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
56	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
58	0.00000E+00	-4.50000E-01	0.00000E+00	-3.37500E-01	0.00000E+00	0.00000E+00
60	0.00000E+00	-2.25000E-01	0.00000E+00	-1.68750E-01	0.00000E+00	0.00000E+00
62	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
63	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
64	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
65	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
67	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
68	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
69	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
70	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
71	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
72	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
73	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
74	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
75	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
76	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
77	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
78	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
79	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
80	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
81	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
82	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
83	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
84	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
85	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
86	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
87	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
88	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
95	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
96	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
101	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
102	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
103	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
104	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
106	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
107	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
108	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00

STAAD SPACE

-- PAGE NO. 43

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
109	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
112	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
114	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
116	0.00000E+00	-3.75000E-01	0.00000E+00	1.31250E-01	0.00000E+00	0.00000E+00
117	0.00000E+00	-6.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
120	0.00000E+00	-3.75000E-01	0.00000E+00	1.31250E-01	0.00000E+00	0.00000E+00
121	0.00000E+00	-2.25000E-01	0.00000E+00	-1.68750E-01	0.00000E+00	0.00000E+00
123	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
124	0.00000E+00	-1.50000E-01	0.00000E+00	3.74999E-02	0.00000E+00	0.00000E+00
125	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
126	0.00000E+00	-1.50000E-01	0.00000E+00	3.74999E-02	0.00000E+00	0.00000E+00
127	0.00000E+00	-1.50000E-01	0.00000E+00	-3.74999E-02	0.00000E+00	0.00000E+00

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

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

X = 0.123552631E+02
Y = 0.389999989E+01
Z = 0.175592105E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 3)

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -68.40
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 1201.05 MY= 0.00 MZ= -845.10

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 3)

SUMMATION FORCE-X = -0.00
SUMMATION FORCE-Y = 68.40
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -1201.05 MY= -0.00 MZ= 845.10

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 3)

MAXIMUMS AT NODE

X =	-5.38503E-03	2
Y =	-5.17564E-01	64
Z =	3.55409E-03	10
RX=	-1.06196E-03	94
RY=	1.84734E-06	115
RZ=	1.16019E-03	79

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	
	-0.19	-0.98	-0.11	-0.15	0.00	0.30	111111
2	0.00	-0.60	0.00	0.60	0.00	0.00	
	0.19	0.60	0.11	-0.60	-0.00	-0.00	000000
3	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.03	-1.55	-0.12	-0.16	0.00	0.09	111111
4	0.00	-0.60	0.00	0.60	0.00	0.00	
	0.03	0.60	0.12	-0.60	-0.00	-0.00	000000
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.06	-1.90	-0.45	-0.63	0.00	0.13	111111
6	0.00	-0.60	0.00	0.60	0.00	0.00	
	0.06	0.60	0.45	-0.60	-0.00	-0.00	000000
7	0.00	0.00	0.00	0.00	0.00	0.00	
	0.14	-0.73	-0.06	-0.09	0.00	-0.14	111111
8	0.00	-0.30	0.00	0.30	0.00	0.00	
	-0.14	0.30	0.06	-0.30	-0.00	-0.00	000000
9	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.17	-0.70	-0.05	-0.06	0.00	0.27	111111
10	0.00	-0.30	0.00	0.30	0.00	0.00	
	0.17	0.30	0.05	-0.30	-0.00	-0.00	000000
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.17	-3.00	0.02	0.04	0.00	0.27	111111
12	0.00	-1.20	0.00	0.00	0.00	0.00	
	0.17	1.20	-0.02	-0.00	-0.00	0.00	000000
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.10	-6.16	0.01	0.02	0.00	1.48	111111
14	0.00	-1.20	0.00	0.00	0.00	0.00	
	1.10	1.20	-0.01	-0.00	-0.00	-0.00	000000
15	0.00	0.00	0.00	0.00	0.00	0.00	
	1.60	-3.49	0.00	0.00	0.00	-2.05	111111
16	0.00	-0.60	0.00	0.00	0.00	0.00	
	-1.60	0.60	-0.00	-0.00	-0.00	0.00	000000
17	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.51	-1.95	0.02	0.04	0.00	0.69	111111
18	0.00	-0.60	0.00	0.00	0.00	0.00	
	0.51	0.60	-0.02	-0.00	-0.00	-0.00	000000
19	0.00	0.00	0.00	0.00	0.00	0.00	
	0.39	-2.42	0.05	0.08	0.00	-0.48	111111
20	0.00	-0.90	0.00	-0.30	0.00	0.00	
	-0.39	0.90	-0.05	0.30	-0.00	0.00	000000

STAAD SPACE							-- PAGE NO. 45	
25	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.46	-1.79	0.01	0.03	0.00	0.62	111111	
26	0.00	-0.60	0.00	0.00	0.00	0.00		
	0.46	0.60	-0.01	-0.00	-0.00	-0.00	000000	
27	0.00	0.00	0.00	0.00	0.00	0.00		
	0.44	-1.77	0.00	0.01	0.00	-0.55	111111	
28	0.00	-0.60	0.00	0.00	0.00	0.00		
	-0.44	0.60	-0.00	0.00	-0.00	-0.00	000000	
29	0.00	0.00	0.00	0.00	0.00	0.00		
	-1.55	-3.17	0.00	0.00	0.00	2.05	111111	
30	0.00	-0.60	0.00	0.00	0.00	0.00		
	1.55	0.60	-0.00	0.00	-0.00	0.00	000000	
31	0.00	0.00	0.00	0.00	0.00	0.00		
	1.60	-3.45	-0.01	-0.01	0.00	-2.07	111111	
32	0.00	-0.60	0.00	0.00	0.00	0.00		
	-1.60	0.60	0.01	-0.00	-0.00	-0.00	000000	
33	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.45	-1.78	0.01	0.03	0.00	0.60	111111	
34	0.00	-0.60	0.00	0.00	0.00	0.00		
	0.45	0.60	-0.01	-0.00	-0.00	-0.00	000000	
35	0.00	0.00	0.00	0.00	0.00	0.00		
	0.44	-1.75	0.02	0.03	0.00	-0.57	111111	
36	0.00	-0.60	0.00	0.00	0.00	0.00		
	-0.44	0.60	-0.02	-0.00	-0.00	-0.00	000000	
37	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.52	-1.96	0.01	0.03	0.00	0.69	111111	
38	0.00	-0.60	0.00	0.00	0.00	0.00		
	0.52	0.60	-0.01	-0.00	-0.00	-0.00	000000	
39	0.00	0.00	0.00	0.00	0.00	0.00		
	0.29	-3.53	0.29	0.40	0.00	-0.37	111111	
40	0.00	-0.90	0.00	-0.30	0.00	0.00		
	-0.29	0.90	-0.29	0.30	-0.00	0.00	000000	
41	0.00	0.00	0.00	0.00	0.00	0.00		
	0.13	-0.68	0.05	0.06	0.00	-0.16	111111	
42	0.00	-0.30	0.00	-0.30	0.00	0.00		
	-0.13	0.30	-0.05	0.30	-0.00	0.00	000000	
43	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.47	-1.91	0.01	0.02	0.00	0.61	111111	
44	0.00	-0.60	0.00	-0.00	0.00	0.00		
	0.47	0.60	-0.01	0.00	-0.00	-0.00	000000	
45	0.00	0.00	0.00	0.00	0.00	0.00		
	0.25	-2.97	-0.05	-0.06	0.00	-0.33	111111	
46	0.00	-0.90	0.00	0.30	0.00	0.00		
	-0.25	0.90	0.05	-0.30	-0.00	0.00	000000	
47	0.00	0.00	0.00	0.00	0.00	0.00		

STAAD SPACE	-- PAGE NO. 46						
54	0.00	-0.30	0.00	-0.30	0.00	0.00	
	0.15	0.30	-0.07	0.30	-0.00	0.00	000000
55	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-1.70	0.13	0.20	0.00	-0.00	111111
56	0.00	-0.60	0.00	-0.60	0.00	0.00	
	0.01	0.60	-0.13	0.60	-0.00	0.00	000000
57	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-1.81	0.13	0.19	0.00	-0.05	111111
58	0.00	-0.45	0.00	-0.34	0.00	0.00	
	-0.03	0.45	-0.13	0.34	-0.00	-0.00	000000
59	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.09	-1.23	0.08	0.11	0.00	0.10	111111
61	0.00	0.00	0.00	0.00	0.00	0.00	
	0.22	-0.87	0.07	0.09	0.00	-0.30	111111
62	0.00	-0.30	0.00	-0.30	0.00	0.00	
	-0.22	0.30	-0.07	0.30	-0.00	0.00	000000

FOR LOADING - 4
 APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
4	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
6	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
8	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
10	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
12	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
14	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
16	0.00000E+00	-4.20000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
18	0.00000E+00	-4.20000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
20	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
22	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
24	0.00000E+00	-4.20000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
26	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
28	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
30	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
32	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
34	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
36	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
38	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
40	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
42	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
44	0.00000E+00	-4.20000E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
46	0.00000E+00	-6.30000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
48	0.00000E+00	-3.15000E-01	0.00000E+00	-1.83750E-01	0.00000E+00	0.00000E+00
50	0.00000E+00	-3.15000E-01	0.00000E+00	-1.83750E-01	0.00000E+00	0.00000E+00
52	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
54	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
56	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
58	0.00000E+00	-3.15000E-01	0.00000E+00	-2.36250E-01	0.00000E+00	0.00000E+00
60	0.00000E+00	-1.57500E-01	0.00000E+00	-1.18125E-01	0.00000E+00	0.00000E+00
62	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
63	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
64	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
65	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
66	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
67	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
68	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
69	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
70	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
71	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
72	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
73	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
74	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
75	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
76	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
77	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
78	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
79	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
80	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
81	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
82	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
83	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
84	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
85	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
86	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
87	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
88	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
89	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
90	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
91	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
92	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
93	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
94	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
95	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
96	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
97	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
101	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
102	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
103	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
104	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
105	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
106	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
107	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
108	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
109	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
112	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
114	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
116	0.00000E+00	-2.62500E-01	0.00000E+00	9.18751E-02	0.00000E+00	0.00000E+00
117	0.00000E+00	-4.20000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
120	0.00000E+00	-2.62500E-01	0.00000E+00	9.18751E-02	0.00000E+00	0.00000E+00
121	0.00000E+00	-1.57500E-01	0.00000E+00	-1.18125E-01	0.00000E+00	0.00000E+00
123	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
124	0.00000E+00	-1.05000E-01	0.00000E+00	2.62499E-02	0.00000E+00	0.00000E+00
125	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
126	0.00000E+00	-1.05000E-01	0.00000E+00	2.62499E-02	0.00000E+00	0.00000E+00
127	0.00000E+00	-1.05000E-01	0.00000E+00	-2.62499E-02	0.00000E+00	0.00000E+00

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

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

X = 0.123552631E+02
Y = 0.389999989E+01
Z = 0.175592106E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 4)

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -47.88
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 840.73 MY= 0.00 MZ= -591.57

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 4)

SUMMATION FORCE-X = -0.00
SUMMATION FORCE-Y = 47.88
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -840.73 MY= -0.00 MZ= 591.57

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 4)

MAXIMUMS AT NODE

X = -3.76952E-03 2
Y = -3.62295E-01 64
Z = 2.48786E-03 10
RX= -7.43369E-04 94
RY= 1.29314E-06 85
RZ= 8.12132E-04 79

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	
	-0.13	-0.69	-0.08	-0.10	0.00	0.21	111111
2	0.00	-0.42	0.00	0.42	0.00	0.00	
	0.13	0.42	0.08	-0.42	-0.00	0.00	000000
3	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-1.08	-0.08	-0.11	0.00	0.07	111111

STAAD SPACE						-- PAGE NO. 49	
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.04	-1.33	-0.31	-0.44	0.00	0.09	111111
6	0.00	-0.42	0.00	0.42	0.00	0.00	
	0.04	0.42	0.31	-0.42	-0.00	-0.00	000000
7	0.00	0.00	0.00	0.00	0.00	0.00	
	0.10	-0.51	-0.04	-0.06	0.00	-0.10	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.12	-0.49	-0.03	-0.04	0.00	0.19	111111
10	0.00	-0.21	0.00	0.21	0.00	0.00	
	0.12	0.21	0.03	-0.21	-0.00	-0.00	000000
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.12	-2.10	0.01	0.03	0.00	0.19	111111
12	0.00	-0.84	0.00	0.00	0.00	0.00	
	0.12	0.84	-0.01	-0.00	-0.00	-0.00	000000
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.77	-4.31	0.01	0.02	0.00	1.04	111111
14	0.00	-0.84	0.00	0.00	0.00	0.00	
	0.77	0.84	-0.01	-0.00	-0.00	-0.00	000000
15	0.00	0.00	0.00	0.00	0.00	0.00	
	1.12	-2.44	0.00	0.00	0.00	-1.44	111111
16	0.00	-0.42	0.00	0.00	0.00	0.00	
	-1.12	0.42	-0.00	-0.00	-0.00	-0.00	000000
17	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.36	-1.36	0.02	0.03	0.00	0.49	111111
18	0.00	-0.42	0.00	0.00	0.00	0.00	
	0.36	0.42	-0.02	-0.00	-0.00	0.00	000000
19	0.00	0.00	0.00	0.00	0.00	0.00	
	0.28	-1.69	0.03	0.05	0.00	-0.34	111111
20	0.00	-0.63	0.00	-0.21	0.00	0.00	
	-0.28	0.63	-0.03	0.21	-0.00	0.00	000000
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.08	-3.44	0.03	0.05	0.00	1.43	111111
22	0.00	-0.63	0.00	-0.21	0.00	0.00	
	1.08	0.63	-0.03	0.21	-0.00	-0.00	000000
23	0.00	0.00	0.00	0.00	0.00	0.00	
	1.29	-2.58	-0.00	-0.01	0.00	-1.66	111111
24	0.00	-0.42	0.00	0.00	0.00	0.00	
	-1.29	0.42	0.00	-0.00	-0.00	0.00	000000
25	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.32	-1.25	0.01	0.02	0.00	0.44	111111
26	0.00	-0.42	0.00	-0.00	0.00	0.00	
	0.32	0.42	-0.01	0.00	-0.00	0.00	000000
27	0.00	0.00	0.00	0.00	0.00	0.00	
	0.31	-1.24	0.00	0.01	0.00	-0.39	111111
28	0.00	-0.42	0.00	-0.00	0.00	0.00	

STAAD SPACE	-- PAGE NO. 50					
34	0.00	-0.42	0.00	0.00	0.00	0.00
	0.32	0.42	-0.01	-0.00	-0.00	-0.00 000000
35	0.00	0.00	0.00	0.00	0.00	0.00
	0.31	-1.23	0.01	0.02	0.00	-0.40 111111
36	0.00	-0.42	0.00	0.00	0.00	0.00
	-0.31	0.42	-0.01	-0.00	-0.00	0.00 000000
37	0.00	0.00	0.00	0.00	0.00	0.00
	-0.37	-1.37	0.01	0.02	0.00	0.49 111111
38	0.00	-0.42	0.00	0.00	0.00	0.00
	0.37	0.42	-0.01	-0.00	-0.00	0.00 000000
39	0.00	0.00	0.00	0.00	0.00	0.00
	0.20	-2.47	0.20	0.28	0.00	-0.26 111111
40	0.00	-0.63	0.00	-0.21	0.00	0.00
	-0.20	0.63	-0.20	0.21	-0.00	-0.00 000000
41	0.00	0.00	0.00	0.00	0.00	0.00
	0.09	-0.48	0.03	0.04	0.00	-0.12 111111
43	0.00	0.00	0.00	0.00	0.00	0.00
	-0.33	-1.33	0.00	0.01	0.00	0.43 111111
44	0.00	-0.42	0.00	-0.00	0.00	0.00
	0.33	0.42	-0.00	0.00	-0.00	0.00 000000
45	0.00	0.00	0.00	0.00	0.00	0.00
	0.18	-2.08	-0.03	-0.04	0.00	-0.23 111111
46	0.00	-0.63	0.00	0.21	0.00	0.00
	-0.18	0.63	0.03	-0.21	-0.00	-0.00 000000
47	0.00	0.00	0.00	0.00	0.00	0.00
	-0.12	-1.92	-0.04	-0.05	0.00	0.15 111111
48	0.00	-0.31	0.00	-0.18	0.00	0.00
	0.12	0.31	0.04	0.18	-0.00	-0.00 000000
49	0.00	0.00	0.00	0.00	0.00	0.00
	0.06	-1.58	-0.05	-0.07	0.00	-0.08 111111
51	0.00	0.00	0.00	0.00	0.00	0.00
	0.13	-0.59	-0.04	-0.06	0.00	-0.18 111111
52	0.00	-0.21	0.00	0.21	0.00	0.00
	-0.13	0.21	0.04	-0.21	-0.00	0.00 000000
53	0.00	0.00	0.00	0.00	0.00	0.00
	-0.11	-0.50	0.05	0.08	0.00	0.13 111111
54	0.00	-0.21	0.00	-0.21	0.00	0.00
	0.11	0.21	-0.05	0.21	-0.00	-0.00 000000
55	0.00	0.00	0.00	0.00	0.00	0.00
	-0.01	-1.19	0.09	0.14	0.00	-0.00 111111
57	0.00	0.00	0.00	0.00	0.00	0.00
	0.02	-1.27	0.09	0.13	0.00	-0.04 111111
59	0.00	0.00	0.00	0.00	0.00	0.00
	-0.06	-0.86	0.06	0.08	0.00	0.07 111111
61	0.00	0.00	0.00	0.00	0.00	0.00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 5
LOADTYPE DEAD TITLE EQUIPOS

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

X = 0.170000001E+02
Y = 0.389999989E+01
Z = 0.138999999E+02

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

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -1.60
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 22.24 MY= 0.00 MZ= -27.20

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

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 1.60
SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -22.24 MY= -0.00 MZ= 27.20

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 5)

MAXIMUMS AT NODE

X = 2.70474E-04 54
Y = -1.06029E-01 64
Z = -2.21741E-04 62
RX= -2.66936E-04 65
RY= 5.64538E-08 84
RZ= -2.48203E-04 80

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
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.33	-0.68	-0.00	-0.00	0.00	0.43	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	
	0.33	0.00	0.00	0.00	-0.00	0.00	000000
23	0.00	0.00	0.00	0.00	0.00	0.00	
	0.30	-0.34	-0.00	-0.00	0.00	-0.39	111111
24	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.30	-0.00	0.00	-0.00	-0.00	0.00	000000
29	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.25	-0.37	0.00	-0.00	0.00	0.32	111111

STAAD SPACE -- PAGE NO. 52

30	0.00	0.00	0.00	0.00	0.00	0.00	
	0.25	0.00	-0.00	-0.00	-0.00	-0.00	000000
31	0.00	0.00	0.00	0.00	0.00	0.00	
	0.21	-0.26	-0.00	-0.00	0.00	-0.28	111111
32	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.21	-0.00	0.00	-0.00	-0.00	0.00	000000

FOR LOADING - 8
 APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
4	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
6	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
8	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
10	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
12	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
14	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
16	0.00000E+00	-9.00000E-02	0.00000E+00	2.74688E-09	0.00000E+00	0.00000E+00
18	0.00000E+00	-9.00000E-02	0.00000E+00	8.24064E-09	0.00000E+00	0.00000E+00
20	0.00000E+00	-1.35000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
22	0.00000E+00	-1.35000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
24	0.00000E+00	-9.00000E-02	0.00000E+00	8.24064E-09	0.00000E+00	0.00000E+00
26	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
36	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
38	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
40	0.00000E+00	-1.35000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
42	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
44	0.00000E+00	-9.00000E-02	0.00000E+00	-1.37344E-08	0.00000E+00	0.00000E+00
46	0.00000E+00	-1.35000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
48	0.00000E+00	-6.75000E-02	0.00000E+00	-3.93750E-02	0.00000E+00	0.00000E+00
50	0.00000E+00	-6.75000E-02	0.00000E+00	-3.93750E-02	0.00000E+00	0.00000E+00
52	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
54	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
56	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
58	0.00000E+00	-6.75000E-02	0.00000E+00	-5.06250E-02	0.00000E+00	0.00000E+00
60	0.00000E+00	-3.37500E-02	0.00000E+00	-2.53125E-02	0.00000E+00	0.00000E+00
62	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
63	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
64	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
65	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
67	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
68	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
69	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
70	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
71	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
72	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
73	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
74	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
75	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
76	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
77	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
78	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
79	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
80	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
81	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
82	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
83	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
84	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
85	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
86	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
87	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
88	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
95	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
96	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
97	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
98	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
99	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
100	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
101	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
102	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
103	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
104	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
106	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
107	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
108	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
109	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
112	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
113	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
114	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
115	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
116	0.00000E+00	-5.62500E-02	0.00000E+00	1.96875E-02	0.00000E+00	0.00000E+00
117	0.00000E+00	-9.00000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
120	0.00000E+00	-5.62500E-02	0.00000E+00	1.96875E-02	0.00000E+00	0.00000E+00
121	0.00000E+00	-3.37500E-02	0.00000E+00	-2.53125E-02	0.00000E+00	0.00000E+00
123	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
124	0.00000E+00	-2.25000E-02	0.00000E+00	5.62499E-03	0.00000E+00	0.00000E+00
125	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
126	0.00000E+00	-2.25000E-02	0.00000E+00	5.62499E-03	0.00000E+00	0.00000E+00
127	0.00000E+00	-2.25000E-02	0.00000E+00	-5.62499E-03	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 8
 LOADTYPE DEAD TITLE CV MEDIA

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

X = 0.123552631E+02
 Y = 0.389999989E+01
 Z = 0.175592107E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 8)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -10.26
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 180.16 MY= 0.00 MZ= -126.76

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 8)

SUMMATION FORCE-X = -0.00
 SUMMATION FORCE-Y = 10.26
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -180.16 MY= -0.00 MZ= 126.76

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 8)

MAXIMUMS AT NODE

X = -8.07754E-04 2
 Y = -7.76346E-02 64
 Z = 5.33114E-04 54
 RX= -1.59293E-04 94
 RY= 2.77101E-07 115
 RZ= 1.74028E-04 79

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	
	-0.03	-0.15	-0.02	-0.02	0.00	0.04	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-0.23	-0.02	-0.02	0.00	0.01	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-0.29	-0.07	-0.09	0.00	0.02	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	0.02	-0.11	-0.01	-0.01	0.00	-0.02	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.03	-0.10	-0.01	-0.01	0.00	0.04	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.03	-0.45	0.00	0.01	0.00	0.04	111111
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.17	-0.92	0.00	0.00	0.00	0.22	111111

STAAD SPACE							-- PAGE NO. 55	
14	0.00	-0.18	0.00	0.00	0.00	0.00		
	0.17	0.18	-0.00	-0.00	-0.00	-0.00	000000	
15	0.00	0.00	0.00	0.00	0.00	0.00		
	0.24	-0.52	0.00	0.00	0.00	-0.31	111111	
16	0.00	-0.09	0.00	0.00	0.00	0.00		
	-0.24	0.09	-0.00	-0.00	-0.00	-0.00	000000	
17	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.08	-0.29	0.00	0.01	0.00	0.10	111111	
19	0.00	0.00	0.00	0.00	0.00	0.00		
	0.06	-0.36	0.01	0.01	0.00	-0.07	111111	
21	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.23	-0.74	0.01	0.01	0.00	0.31	111111	
22	0.00	-0.14	0.00	-0.04	0.00	0.00		
	0.23	0.14	-0.01	0.04	-0.00	0.00	000000	
23	0.00	0.00	0.00	0.00	0.00	0.00		
	0.28	-0.55	-0.00	-0.00	0.00	-0.36	111111	
24	0.00	-0.09	0.00	0.00	0.00	0.00		
	-0.28	0.09	0.00	-0.00	-0.00	0.00	000000	
25	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.07	-0.27	0.00	0.00	0.00	0.09	111111	
27	0.00	0.00	0.00	0.00	0.00	0.00		
	0.07	-0.27	0.00	0.00	0.00	-0.08	111111	
29	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.23	-0.48	0.00	0.00	0.00	0.31	111111	
30	0.00	-0.09	0.00	0.00	0.00	0.00		
	0.23	0.09	-0.00	-0.00	-0.00	0.00	000000	
31	0.00	0.00	0.00	0.00	0.00	0.00		
	0.24	-0.52	-0.00	-0.00	0.00	-0.31	111111	
32	0.00	-0.09	0.00	0.00	0.00	0.00		
	-0.24	0.09	0.00	-0.00	-0.00	0.00	000000	
33	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.07	-0.27	0.00	0.00	0.00	0.09	111111	
35	0.00	0.00	0.00	0.00	0.00	0.00		
	0.07	-0.26	0.00	0.01	0.00	-0.08	111111	
37	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.08	-0.29	0.00	0.00	0.00	0.10	111111	
39	0.00	0.00	0.00	0.00	0.00	0.00		
	0.04	-0.53	0.04	0.06	0.00	-0.05	111111	
41	0.00	0.00	0.00	0.00	0.00	0.00		
	0.02	-0.10	0.01	0.01	0.00	-0.02	111111	
43	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.07	-0.29	0.00	0.00	0.00	0.09	111111	
45	0.00	0.00	0.00	0.00	0.00	0.00		
	0.04	-0.45	-0.01	-0.01	0.00	-0.05	111111	
47	0.00	0.00	0.00	0.00	0.00	0.00		

STAAD SPACE -- PAGE NO. 56

59	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-0.18	0.01	0.02	0.00	0.01	111111
61	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-0.13	0.01	0.01	0.00	-0.04	111111

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

LOADING-	1.	2.	3.	5.		
FACTOR -	1.00	1.00	1.00	1.00		

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

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

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

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

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

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

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

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

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

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

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

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

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

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

LOAD COMBINATION NO. 18
1.0 (PP+CM+CVINST+EQU- 0.3 SX- SZ)

STAAD SPACE

-- PAGE NO. 57

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

LOAD COMBINATION NO. 19
 1.0 (PP+CM+CVINST+EQU)

LOADING- 1. 2. 4. 5.
 FACTOR - 1.00 1.00 1.00 1.00

LOAD COMBINATION NO. 20
 1.4 (PP+CM+CVMAX+EQU)

LOADING- 1. 2. 3. 5.
 FACTOR - 1.40 1.40 1.40 1.40

LOAD COMBINATION NO. 21
 1.1 (PP+CM+CVINST+ SX+ 0.3 SZ)

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

LOAD COMBINATION NO. 22
 1.1 (PP+CM+CVINST+EQU+ SX- 0.3 SZ)

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

LOAD COMBINATION NO. 23
 1.1 (PP+CM+CVINST+EQU- SX+ 0.3 SZ)

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

LOAD COMBINATION NO. 24
 1.1 (PP+CM+CVINST+EQU- SX- 0.3 SZ)

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

LOAD COMBINATION NO. 25
 1.1 (PP+CM+CVINST+EQU+ 0.3 SX+ SZ)

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

LOAD COMBINATION NO. 26
 1.1 (PP+CM+CVINST+EQU+ 0.3 SX- SZ)

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

LOAD COMBINATION NO. 27
 1.1 (PP+CM+CVINST+EQU- 0.3 SX+ SZ)

STAAD SPACE

-- PAGE NO. 58

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

LOAD COMBINATION NO. 28
1.1 (PP+CM+CVINST+EQU- 0.3 SX- SZ)

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

LOAD COMBINATION NO. 29
1.0 (PP+CM+CVMED+EQU)

LOADING- 1. 2. 5. 8.
FACTOR - 1.00 1.00 1.00 1.00

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

234. LOAD LIST 20 TO 28
235. PARAMETER 1
236. CODE LRFD
237. FU 45700 ALL
238. FYLD 35150 ALL
239. KX 1 MEMB 1 TO 31
240. CHECK CODE ALL

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

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.145	28
		6.80 C	3.41	3.81	4.30
2	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.119	28
		10.42 C	3.51	1.13	4.30
3	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.320	20
		16.34 C	10.95	1.03	4.30
4	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.113	26
		5.12 C	2.54	-3.20	4.30
5	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.113	28
		5.08 C	2.40	3.54	4.30
6	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.121	27
		18.92 C	-2.26	3.18	4.30
7	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.421	20
		52.56 C	-0.30	28.19	4.30
8	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.557	20
		30.21 C	-0.10	-41.52	4.30
9	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.194	27
		12.45 C	-2.25	9.60	4.30
10	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.193	25
		15.31 C	-2.69	-8.37	4.30
11	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.584	20
		43.26 C	-1.00	40.61	4.30
12	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.648	20
		32.25 C	0.07	-48.67	4.30
13	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.176	27
		11.57 C	-1.97	8.85	4.30
14	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.173	25
		11.25 C	-1.93	-8.76	4.30
15	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.543	20
		27.93 C	0.02	40.75	4.30

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
16	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.565	20
		30.12 C	0.16	-42.06	4.30
17	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.176	27
		11.51 C	-2.02	8.75	4.30
18	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.180	25
		11.14 C	-2.18	-8.74	4.30
19	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.196	27
		12.63 C	-2.11	10.07	4.30
20	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.311	20
		30.16 C	-7.06	-7.24	4.30
21	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.116	25
		4.57 C	-2.80	-2.98	4.30
22	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.183	28
		12.40 C	2.01	9.27	4.30
23	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.160	26
		19.03 C	2.86	-5.07	4.30
24	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.146	28
		17.66 C	2.98	3.77	4.30
25	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.129	26
		14.68 C	3.32	-1.98	4.30
26	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.134	26
		5.74 C	2.99	-3.86	4.30
27	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.113	27
		4.38 C	-2.56	3.20	4.30
28	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.116	25
		10.49 C	-3.74	-0.47	4.30
29	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.124	25
		11.26 C	-3.70	-1.09	4.30
30	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.108	27
		7.78 C	-2.88	1.86	4.30

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
31	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.133	25
		5.13 C	-2.68	-4.51	4.30
32	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.231	21
		0.25 C	0.51	4.38	0.00
33	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.213	25
		0.11 C	0.32	4.96	0.00
34	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.232	21
		0.24 C	0.22	6.08	0.00
35	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	25
		0.10 C	0.70	3.54	0.00
36	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.386	21
		0.45 C	0.55	9.07	0.00
37	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.659	20
		0.00 C	0.00	54.48	0.00
38	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.478	20
		0.00 C	0.00	-39.47	0.00
39	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.445	25
		0.16 C	0.75	9.78	0.00
40	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.187	21
		0.22 C	0.51	2.97	0.00
41	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.701	20
		0.00 C	0.00	57.96	0.00
42	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.623	20
		0.00 C	0.00	-51.50	0.00
43	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.418	25
		0.15 C	0.75	8.96	0.00
44	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.493	20
		0.00 C	0.00	40.75	0.00
45	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	20
		0.00 C	0.00	-39.14	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
46	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.415	25
		0.15 C	0.75	8.84	0.00
47	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.414	20
		0.00 C	0.00	13.21	0.00
48	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.284	20
		0.00 C	0.00	9.08	0.00
49	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.428	25
		0.16 C	0.75	9.27	0.00
50	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.285	21
		0.21 C	0.36	6.98	0.00
51	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.351	20
		0.00 C	0.00	11.63	0.00
52	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.274	25
		0.08 C	0.37	6.59	0.00
53	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.236	25
		0.10 C	0.70	3.46	0.00
54	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.248	21
		0.22 C	0.36	5.80	0.00
56	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.241	25
		0.10 C	0.37	5.52	0.00
57	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	28
		0.00 C	0.00	3.32	6.00
58	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.218	25
		0.00 C	0.00	3.02	0.00
59	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.217	28
		0.00 C	0.00	3.02	6.00
60	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.226	25
		0.00 C	0.00	3.14	0.00
61	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.113	28
		0.00 C	0.00	1.57	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
62	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.202	25
		0.00 C	0.00	2.81	0.00
63	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.866	20
		0.00 C	0.00	10.95	0.00
64	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.490	20
		0.00 C	0.00	6.19	6.00
65	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.490	20
		0.00 C	0.00	6.19	0.00
66	ST W14X43	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.628	20
		0.00 C	0.00	14.99	6.00
67	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.571	20
		0.00 C	0.00	7.94	0.00
68	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.136	25
		0.25 C	0.18	3.39	0.00
69	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.416	20
		0.00 C	0.00	5.79	6.00
70	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.395	20
		0.00 C	0.00	5.48	0.00
71	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.244	25
		0.00 C	0.00	3.39	0.00
72	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.209	28
		0.00 C	0.00	2.91	6.00
73	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.266	20
		0.00 C	0.00	3.70	6.00
74	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.183	21
		0.05 C	0.32	4.10	0.00
75	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.426	20
		0.00 C	0.00	5.92	6.00
76	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.396	20
		0.00 C	0.00	5.50	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
77	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.243	25
		0.00 C	0.00	3.38	0.00
78	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.209	28
		0.00 C	0.00	2.90	6.00
79	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.267	20
		0.00 C	0.00	3.72	6.00
80	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.354	20
		0.00 C	0.00	4.93	0.00
81	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.248	28
		0.00 C	0.00	3.44	6.00
82	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.212	28
		0.00 C	0.00	2.94	6.00
83	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.217	28
		0.00 C	0.00	3.01	6.00
84	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.220	28
		0.00 C	0.00	3.05	6.00
85	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.234	25
		0.00 C	0.00	3.26	0.00
86	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.118	20
		0.00 C	0.00	-3.78	2.00
87	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.166	24
		0.24 C	0.19	4.14	2.00
88	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.415	20
		0.00 C	0.00	-34.30	0.00
89	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.502	20
		0.00 C	0.00	41.52	2.00
90	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.414	20
		0.00 C	0.00	-5.23	2.50
91	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.459	20
		0.00 C	0.00	-5.81	2.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
92	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.096	25
		0.02 T	-0.12	-2.37	2.00
93	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.208	28
		0.10 C	0.33	4.72	2.00
94	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.362	20
		0.00 C	0.00	-29.92	2.00
95	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.478	20
		0.00 C	0.00	-39.47	2.00
96	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.456	20
		0.00 C	0.00	-5.76	2.50
97	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.411	20
		0.00 C	0.00	5.20	6.00
98	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.122	24
		0.03 T	-0.18	-2.87	0.00
99	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.258	24
		0.23 C	0.51	5.23	2.00
100	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.267	20
		0.00 C	0.00	-8.52	0.00
101	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.823	20
		0.00 C	0.00	26.29	2.00
102	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.524	20
		0.00 C	0.00	6.62	6.00
103	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.509	20
		0.00 C	0.00	6.43	6.00
104	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.471	20
		0.00 C	0.00	-38.89	0.00
105	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.589	20
		0.00 C	0.00	48.67	2.00
106	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.453	20
		0.00 C	0.00	-37.48	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
107	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.623	20
		0.00 C	0.00	-51.50	2.00
108	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.151	24
		0.03 C	0.18	3.78	2.00
109	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.543	20
		0.00 C	0.00	17.35	2.00
110	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.392	20
		0.00 C	0.00	4.95	0.00
111	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.334	20
		0.00 C	0.00	4.22	6.00
112	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.386	20
		0.00 C	0.00	4.88	6.00
113	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.411	20
		0.00 C	0.00	5.19	0.00
114	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.524	20
		0.00 C	0.00	6.62	0.00
115	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.509	20
		0.00 C	0.00	6.43	0.00
116	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.127	28
		0.05 T	-0.24	-2.65	0.00
117	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.307	28
		0.10 C	0.70	5.71	2.00
118	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.300	20
		0.00 C	0.00	-9.57	0.00
119	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.454	28
		0.16 C	0.75	10.09	2.00
120	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.437	20
		0.00 C	0.00	5.52	6.00
121	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.438	20
		0.00 C	0.00	5.54	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
122	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.409	20
		0.00 C	0.00	-33.78	0.00
123	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.509	20
		0.00 C	0.00	42.06	2.00
124	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.373	20
		0.00 C	0.00	-30.84	2.00
125	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	20
		0.00 C	0.00	-39.14	2.00
126	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.276	20
		0.00 C	0.00	-8.80	1.67
127	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	28
		0.15 C	0.75	8.76	2.00
128	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.384	20
		0.00 C	0.00	4.85	6.00
129	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.334	20
		0.00 C	0.00	4.22	0.00
130	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.401	20
		0.00 C	0.00	-5.06	3.00
131	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.356	20
		0.00 C	0.00	4.50	0.00
132	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.437	20
		0.00 C	0.00	5.52	0.00
133	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.438	20
		0.00 C	0.00	5.54	0.00
134	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.108	20
		0.00 C	0.00	-3.46	2.00
135	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.148	24
		0.21 C	0.19	3.57	2.00
136	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.322	20
		0.00 C	0.00	-10.30	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
137	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.511	20
		0.00 C	0.00	16.32	2.00
138	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.273	20
		0.00 C	0.00	-8.73	1.17
139	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	28
		0.15 C	0.75	8.74	2.00
140	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.417	20
		0.00 C	0.00	-5.27	3.50
141	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.466	20
		0.00 C	0.00	-5.89	3.50
142	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.751	20
		0.00 C	0.00	9.49	6.00
143	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.573	20
		0.00 C	0.00	7.24	6.00
144	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.393	20
		0.00 C	0.00	4.96	0.00
145	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.392	20
		0.00 C	0.00	4.96	0.00
146	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.132	20
		0.00 C	0.00	-4.23	2.00
147	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.194	28
		0.09 C	0.37	4.02	2.00
148	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	20
		0.00 C	0.00	-7.44	1.00
149	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.138	28
		0.23 T	-0.19	-3.39	0.00
150	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.300	20
		0.00 C	0.00	-9.57	0.00
151	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.493	28
		0.16 C	0.75	11.32	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
154	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.751	20
		0.00 C	0.00	9.49	0.00
155	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.573	20
		0.00 C	0.00	7.24	0.00
156	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.451	20
		0.00 C	0.00	5.70	6.00
157	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	20
		0.00 C	0.00	5.64	6.00
158	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.092	21
		0.03 T	-0.12	-2.22	2.00
159	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.262	24
		0.22 C	0.36	6.24	2.00
160	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.136	20
		0.00 C	0.00	-4.34	2.00
161	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.209	28
		0.09 C	0.37	4.51	2.00
162	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.223	25
		0.10 C	0.39	4.99	0.00
164	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.112	24
		0.03 T	-0.12	-2.87	0.00
165	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.250	24
		0.21 C	0.36	5.88	2.00
166	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.132	28
		0.05 T	-0.24	-2.79	0.00
167	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.291	28
		0.10 C	0.70	5.21	2.00
168	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	20
		0.00 C	0.00	-7.50	3.00
169	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	20
		0.00 C	0.00	-7.50	3.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
172	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	20
		0.00 C	0.00	-7.50	3.00
173	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	20
		0.00 C	0.00	-7.50	3.00
174	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.451	20
		0.00 C	0.00	5.70	0.00
175	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	20
		0.00 C	0.00	5.65	0.00
176	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.149	28
		0.08 C	0.09	2.92	4.50
177	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.175	28
		0.05 C	0.05	3.69	4.50
180	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.044	25
		0.13 C	0.23	0.01	0.00
183	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.036	20
		0.00 C	0.00	-1.01	1.50
184	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.179	28
		0.04 C	0.23	3.86	3.00
185	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.156	20
		0.00 C	0.00	-4.41	1.50
187	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.097	25
		0.03 T	-0.16	-2.25	1.50
188	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.592	20
		0.00 C	0.00	-7.48	3.00
189	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	20
		0.00 C	0.00	-7.44	0.00
190	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.187	20
		0.00 C	0.00	-6.19	0.50
191	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.320	20
		0.00 C	0.00	10.62	1.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
192	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.059	28
		0.11 T	-0.17	-0.76	0.00
193	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.252	20
		0.00 C	0.00	-4.95	1.13

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

241. STEEL TAKE OFF ALL

STAAD SPACE

-- PAGE NO. 72

STEEL TAKE-OFF

PROFILE	LENGTH(METE)	WEIGHT(MTON)
ST W14X90	133.30	17.852
ST W16X36	264.00	14.143
ST W21X68	36.00	3.639
ST W14X34	250.50	12.660
ST W14X43	6.00	0.382

	TOTAL =	48.675

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

242. FINISH

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

**** DATE= MAR 2,2018 TIME= 15:29:13 ****

```
*****
*   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                              *
*                                                         *
*   Copyright (c) 1997-2015 Bentley Systems, Inc.        *
*   http://www.bentley.com                               *
*****
```



ANEXO 2

CORRIDA DELEGACION

```

*****
*
*          STAAD.Pro V8i SELECTseries6          *
*          Version 20.07.11.45                  *
*          Proprietary Program of              *
*          Bentley Systems, Inc.                *
*          Date=   MAR  2, 2018                 *
*          Time=   16:55:27                     *
*
*          USER ID: Personal                    *
*****
    
```

1. STAAD SPACE

INPUT FILE: C:\Users\GLR\Documents\TRABAJO\CESI INFONAVIT\MERIDA\ANALISIS\MODELO DELEGACION\MRD_DLGCN_... .STD

2. START JOB INFORMATION

3. ENGINEER DATE 07-FEB-18

4. END JOB INFORMATION

5. INPUT WIDTH 79

6. UNIT METER MTON

7. JOINT COORDINATES

- 8. 1 0 -0.4 0; 2 0 3 0; 3 6 -0.4 0; 4 6 3 0; 5 12 -0.4 0; 6 12 3 0; 7 18 -0.4 0
- 9. 8 18 3 0; 9 24 -0.4 0; 10 24 3 0; 11 30 -0.4 0; 12 30 3 0; 13 0 -0.4 6
- 10. 14 0 3 6; 15 0 -0.4 12; 16 0 3 12; 17 6 3 12; 18 12 -0.4 12; 19 12 3 12
- 11. 20 18 -0.4 12; 21 18 3 12; 22 24 -0.4 12; 23 24 3 12; 24 30 -0.4 12
- 12. 25 30 3 12; 26 0 -0.4 18; 27 0 3 18; 28 0 -0.4 24; 29 0 3 24; 30 6 3 24
- 13. 31 12 -0.4 24; 32 12 3 24; 33 18 -0.4 24; 34 18 3 24; 35 24 -0.4 24
- 14. 36 24 3 24; 37 30 -0.4 24; 38 30 3 24; 39 0 -0.4 30; 40 0 3 30; 41 6 3 30
- 15. 42 12 -0.4 30; 43 12 3 30; 44 18 -0.4 30; 45 18 3 30; 46 24 -0.4 30
- 16. 47 24 3 30; 48 30 -0.4 30; 49 30 3 30; 50 0 -0.4 36; 51 0 3 36; 52 6 3 36
- 17. 53 12 -0.4 36; 54 12 3 36; 55 18 -0.4 36; 56 18 3 36; 57 24 -0.4 36
- 18. 58 24 3 36; 59 30 -0.4 36; 60 30 3 36; 61 0 3 42; 62 6 3 42; 63 12 3 42
- 19. 64 18 3 42; 65 24 3 42; 66 30 3 42; 67 0 -0.4 48; 68 0 3 48; 69 6 3 48
- 20. 70 12 -0.4 48; 71 12 3 48; 72 18 -0.4 48; 73 18 3 48; 74 24 -0.4 48
- 21. 75 24 3 48; 76 30 -0.4 48; 77 30 3 48; 78 0 -0.4 54; 79 0 3 54; 80 6 3 54
- 22. 81 12 -0.4 54; 82 12 3 54; 83 18 -0.4 54; 84 18 3 54; 85 24 -0.4 54
- 23. 86 24 3 54; 87 30 -0.4 54; 88 30 3 54; 89 6 -0.4 48; 90 6 -0.4 54; 91 12 3 2
- 24. 92 18 3 2; 93 24 3 2; 94 30 3 2; 95 12 3 4; 96 18 3 4; 97 24 3 4; 98 30 3 4
- 25. 99 12 3 6; 100 18 3 6; 101 24 3 6; 102 30 3 6; 103 12 3 8; 104 18 3 8
- 26. 105 24 3 8; 107 12 3 10; 108 18 3 10; 109 24 3 10; 111 6 3 6; 112 2 3 0
- 27. 113 2 3 6; 114 4 3 0; 115 4 3 6; 116 8 3 0; 117 8 3 6; 118 10 3 0; 119 10 3 6
- 28. 120 2 3 12; 121 4 3 12; 122 8 3 12; 123 10 3 12; 124 12 3 14; 125 18 3 14
- 29. 126 24 3 14; 127 30 3 14; 128 12 3 16; 129 18 3 16; 130 24 3 16; 131 30 3 16
- 30. 132 12 3 18; 133 18 3 18; 134 24 3 18; 135 30 3 18; 136 12 3 20; 137 18 3 20
- 31. 138 24 3 20; 139 30 3 20; 140 12 3 22; 141 18 3 22; 142 24 3 22; 143 30 3 22
- 32. 144 6 3 18; 145 2 3 18; 146 4 3 18; 147 8 3 18; 148 10 3 18; 149 2 3 24
- 33. 150 4 3 24; 151 8 3 24; 152 10 3 24; 153 2 3 30; 154 4 3 30; 155 8 3 30
- 34. 156 10 3 30; 157 2 3 36; 158 4 3 36; 159 8 3 36; 160 10 3 36; 161 14 3 24
- 35. 162 16 3 24; 163 14 3 30; 164 16 3 30; 165 14 3 36; 166 16 3 36; 167 20 3 24
- 36. 168 22 3 24; 169 20 3 30; 170 22 3 30; 171 20 3 36; 172 22 3 36; 173 26 3 24
- 37. 174 28 3 24; 175 26 3 30; 176 28 3 30; 177 26 3 36; 178 28 3 36; 179 2 3 42
- 38. 180 4 3 42; 181 8 3 42; 182 10 3 42; 183 2 3 48; 184 4 3 48; 185 8 3 48

39. 186 10 3 48; 187 2 3 54; 188 4 3 54; 189 8 3 54; 190 10 3 54; 191 12 3 38
40. 192 18 3 38; 193 12 3 40; 194 18 3 40; 195 12 3 44; 196 18 3 44; 197 12 3 46
41. 198 18 3 46; 199 24 3 38; 200 24 3 40; 201 24 3 44; 202 24 3 46; 203 30 3 38
42. 204 30 3 40; 205 30 3 44; 206 30 3 46; 207 12 3 50; 208 18 3 50; 209 12 3 52
43. 210 18 3 52; 211 24 3 50; 212 24 3 52; 213 30 3 50; 214 30 3 52; 215 14 3 14
44. 216 16 3 14; 217 14 3 16; 218 16 3 16; 219 14 3 20; 220 16 3 20; 221 14 3 22
45. 222 16 3 22; 223 14 3 26; 224 14 3 28; 225 16 3 26; 226 16 3 28; 227 14 3 38
46. 228 16 3 38; 229 14 3 40; 230 16 3 40; 231 0 6.9 0; 232 6 6.9 0; 233 2 6.9 0
47. 234 4 6.9 0; 235 12 6.9 0; 236 8 6.9 0; 237 10 6.9 0; 238 18 6.9 0
48. 239 14 6.9 0; 240 16 6.9 0; 241 24 6.9 0; 242 20 6.9 0; 243 22 6.9 0
49. 244 30 6.9 0; 245 26 6.9 0; 246 28 6.9 0; 247 0 6.9 6; 248 6 6.9 6
50. 249 2 6.9 6; 250 4 6.9 6; 251 12 6.9 6; 252 8 6.9 6; 253 10 6.9 6
51. 254 18 6.9 6; 255 14 6.9 6; 256 16 6.9 6; 257 24 6.9 6; 258 20 6.9 6
52. 259 22 6.9 6; 260 30 6.9 6; 261 26 6.9 6; 262 28 6.9 6; 263 0 6.9 12
53. 264 6 6.9 12; 265 2 6.9 12; 266 4 6.9 12; 267 12 6.9 12; 268 8 6.9 12
54. 269 10 6.9 12; 270 18 6.9 12; 271 14 6.9 12; 272 16 6.9 12; 273 24 6.9 12
55. 274 20 6.9 12; 275 22 6.9 12; 276 30 6.9 12; 277 26 6.9 12; 278 28 6.9 12
56. 279 0 6.9 18; 280 6 6.9 18; 281 2 6.9 18; 282 4 6.9 18; 283 12 6.9 18
57. 284 8 6.9 18; 285 10 6.9 18; 286 18 6.9 18; 287 24 6.9 18; 288 20 6.9 18
58. 289 22 6.9 18; 290 30 6.9 18; 291 26 6.9 18; 292 28 6.9 18; 293 0 6.9 24
59. 294 6 6.9 24; 295 2 6.9 24; 296 4 6.9 24; 297 12 6.9 24; 298 8 6.9 24
60. 299 10 6.9 24; 300 18 6.9 24; 301 24 6.9 24; 302 20 6.9 24; 303 22 6.9 24
61. 304 30 6.9 24; 305 26 6.9 24; 306 28 6.9 24; 307 0 6.9 30; 308 6 6.9 30
62. 309 2 6.9 30; 310 4 6.9 30; 311 12 6.9 30; 312 8 6.9 30; 313 10 6.9 30
63. 314 18 6.9 30; 315 24 6.9 30; 316 20 6.9 30; 317 22 6.9 30; 318 30 6.9 30
64. 319 26 6.9 30; 320 28 6.9 30; 323 14 6.9 33; 324 16 6.9 33; 325 14 6.9 36
65. 326 16 6.9 36; 327 0 6.9 36; 328 6 6.9 36; 329 2 6.9 36; 330 4 6.9 36
66. 331 12 6.9 36; 332 8 6.9 36; 333 10 6.9 36; 334 18 6.9 36; 335 24 6.9 36
67. 336 20 6.9 36; 337 22 6.9 36; 338 30 6.9 36; 339 26 6.9 36; 340 28 6.9 36
68. 343 12 6.9 33; 344 18 6.9 33; 345 0 6.9 42; 346 6 6.9 42; 347 2 6.9 42
69. 348 4 6.9 42; 349 12 6.9 42; 350 8 6.9 42; 351 10 6.9 42; 352 18 6.9 42
70. 353 24 6.9 42; 354 20 6.9 42; 355 22 6.9 42; 356 30 6.9 42; 357 26 6.9 42
71. 358 28 6.9 42; 359 14 6.9 42; 360 16 6.9 42; 361 0 6.9 48; 362 6 6.9 48
72. 363 2 6.9 48; 364 4 6.9 48; 365 12 6.9 48; 366 8 6.9 48; 367 10 6.9 48
73. 368 18 6.9 48; 369 14 6.9 48; 370 16 6.9 48; 371 24 6.9 48; 372 20 6.9 48
74. 373 22 6.9 48; 374 30 6.9 48; 375 26 6.9 48; 376 28 6.9 48; 377 0 6.9 54
75. 378 6 6.9 54; 379 2 6.9 54; 380 4 6.9 54; 381 12 6.9 54; 382 8 6.9 54
76. 383 10 6.9 54; 384 18 6.9 54; 385 14 6.9 54; 386 16 6.9 54; 387 24 6.9 54
77. 388 20 6.9 54; 389 22 6.9 54; 390 30 6.9 54; 391 26 6.9 54; 392 28 6.9 54
78. 393 15.05 3 26.908; 394 15.212 6.9 27.025; 395 11.5 3 12; 396 11.5 6.9 12
79. 397 11.5 3 24; 398 11.5 3 36; 399 25.5 6.9 6; 400 25.5 6.9 12; 401 25.5 6.9 9
80. 402 30 6.9 9; 403 28 6.9 9; 404 24 3 9; 405 30 3 9; 406 25.5 3 6; 407 25.5 3 9
81. 408 24 3 7.5; 409 25.5 3 7.5; 410 24 3 10.5; 411 30 3 10.5; 412 0 -0.4 42
82. 413 12.25 3 12; 414 14 3 12; 415 16 3 12; 416 17.75 3 12; 417 12.25 3 14
83. 418 17.75 3 14; 419 14 3 18; 420 16 3 18; 421 12.25 3 16; 422 17.75 3 16
84. 423 12.25 3 18; 424 17.75 3 18; 425 12.25 3 20; 426 17.75 3 20; 427 12.25 3 22
85. 428 17.75 3 22; 429 12.25 3 24; 430 17.75 3 24; 431 12 3 26; 432 18 3 26
86. 433 12 3 28; 434 18 3 28; 435 12.25 3 26; 436 17.75 3 26; 437 12.25 3 28
87. 438 17.75 3 28; 439 12.25 3 30; 440 17.75 3 30; 441 14 3 42; 442 16 3 42
88. 443 12.25 3 36; 444 17.75 3 36; 445 12.25 3 38; 446 17.75 3 38; 447 12.25 3 40
89. 448 17.75 3 40; 449 12.25 3 42; 450 17.75 3 42
90. MEMBER INCIDENCES
91. 1 1 2; 2 3 4; 3 2 112; 4 5 6; 5 4 116; 6 7 8; 7 6 8; 8 9 10; 9 8 10; 10 11 12
92. 11 10 12; 12 13 14; 13 2 14; 14 15 16; 15 14 16; 16 16 120; 17 18 19
93. 18 17 122; 19 20 21; 20 19 413; 21 22 23; 22 21 23; 23 24 25; 24 23 25
94. 25 4 111; 26 6 91; 27 8 92; 28 10 93; 29 12 94; 30 26 27; 31 16 27; 32 28 29

95. 33 27 29; 34 29 149; 35 31 32; 36 30 151; 37 33 34; 38 32 429; 39 35 36
96. 40 34 167; 41 37 38; 42 36 173; 43 17 144; 44 19 124; 45 21 125; 46 23 126
97. 47 25 127; 48 39 40; 49 29 40; 50 40 153; 51 42 43; 52 41 155; 53 44 45
98. 54 43 439; 55 46 47; 56 45 169; 57 48 49; 58 47 175; 59 30 41; 60 32 431
99. 61 34 432; 62 36 47; 63 38 49; 64 50 51; 65 40 51; 66 51 157; 67 53 54
100. 68 52 159; 69 55 56; 70 54 443; 71 57 58; 72 56 171; 73 59 60; 74 58 177
101. 75 41 52; 76 43 54; 77 45 56; 78 47 58; 79 49 60; 80 51 61; 81 52 62
102. 82 54 191; 83 56 192; 84 58 199; 85 60 203; 86 67 68; 87 61 68; 88 68 183
103. 89 70 71; 90 69 185; 91 72 73; 92 71 73; 93 74 75; 94 73 75; 95 76 77
104. 96 75 77; 97 62 69; 98 63 195; 99 64 196; 100 65 201; 101 66 205; 102 78 79
105. 103 68 79; 104 79 187; 105 81 82; 106 80 189; 107 83 84; 108 82 84; 109 85 86
106. 110 84 86; 111 87 88; 112 86 88; 113 69 80; 114 71 207; 115 73 208; 116 75 211
107. 117 77 213; 118 89 69; 119 90 80; 120 91 95; 121 92 96; 122 93 97; 123 94 98
108. 124 91 92; 125 92 93; 126 93 94; 127 95 99; 128 96 100; 129 97 101; 130 98 102
109. 131 95 96; 132 96 97; 133 97 98; 134 99 103; 135 100 104; 136 101 408
110. 137 102 405; 138 99 100; 139 100 101; 140 101 406; 141 103 107; 142 104 108
111. 143 105 404; 145 103 104; 146 104 105; 147 404 407; 148 107 19; 149 108 21
112. 150 109 410; 152 107 108; 153 108 109; 154 410 411; 155 111 17; 156 14 113
113. 157 111 117; 158 112 114; 159 113 115; 160 112 113; 161 114 4; 162 115 111
114. 163 114 115; 164 116 118; 165 117 119; 166 116 117; 167 118 6; 168 119 99
115. 169 118 119; 170 120 121; 171 121 17; 172 122 123; 173 123 395; 174 113 120
116. 175 115 121; 176 117 122; 177 119 123; 178 124 128; 179 125 129; 180 126 130
117. 181 127 131; 182 128 132; 183 129 133; 184 130 134; 185 131 135; 186 132 136
118. 187 133 137; 188 134 138; 189 135 139; 190 136 140; 191 137 141; 192 138 142
119. 193 139 143; 194 140 32; 195 141 34; 196 142 36; 197 143 38; 198 144 30
120. 199 149 150; 200 150 30; 201 151 152; 202 152 397; 203 124 417; 204 125 126
121. 205 126 127; 206 128 421; 207 129 130; 208 130 131; 209 132 423; 210 133 134
122. 211 134 135; 212 136 425; 213 137 138; 214 138 139; 215 140 427; 216 141 142
123. 217 142 143; 218 27 145; 219 144 147; 220 145 146; 221 120 145; 222 146 144
124. 223 121 146; 224 147 148; 225 122 147; 226 148 132; 227 123 148; 228 145 149
125. 229 146 150; 230 147 151; 231 148 152; 232 153 154; 233 154 41; 234 155 156
126. 235 156 43; 236 149 153; 237 150 154; 238 151 155; 239 152 156; 240 157 158
127. 241 158 52; 242 159 160; 243 160 398; 244 153 157; 245 154 158; 246 155 159
128. 247 156 160; 248 161 162; 249 162 430; 250 163 164; 251 164 440; 252 165 166
129. 253 166 444; 254 161 223; 255 162 225; 256 163 165; 257 164 166; 258 167 168
130. 259 168 36; 260 169 170; 261 170 47; 262 171 172; 263 172 58; 264 167 169
131. 265 168 170; 266 169 171; 267 170 172; 268 173 174; 269 174 38; 270 175 176
132. 271 176 49; 272 177 178; 273 178 60; 274 173 175; 275 174 176; 276 175 177
133. 277 176 178; 278 157 179; 279 158 180; 280 159 181; 281 160 182; 282 183 184
134. 283 184 69; 284 185 186; 285 186 71; 286 179 183; 287 180 184; 288 181 185
135. 289 182 186; 290 187 188; 291 188 80; 292 189 190; 293 190 82; 294 183 187
136. 295 184 188; 296 185 189; 297 186 190; 298 191 193; 299 192 194; 300 193 63
137. 301 194 64; 302 195 197; 303 196 198; 304 197 71; 305 198 73; 306 191 445
138. 307 193 447; 308 63 449; 309 195 196; 310 197 198; 311 199 200; 312 200 65
139. 313 201 202; 314 202 75; 315 192 199; 316 194 200; 317 64 65; 318 196 201
140. 319 198 202; 320 203 204; 321 204 66; 322 205 206; 323 206 77; 324 199 203
141. 325 200 204; 326 65 66; 327 201 205; 328 202 206; 329 207 209; 330 208 210
142. 331 209 82; 332 210 84; 333 211 212; 334 212 86; 335 213 214; 336 214 88
143. 337 207 208; 338 209 210; 339 208 211; 340 210 212; 341 211 213; 342 212 214
144. 343 61 179; 344 179 180; 345 180 62; 346 62 181; 347 181 182; 348 182 63
145. 349 215 216; 350 216 418; 351 217 218; 352 218 422; 353 215 217; 354 216 218
146. 355 219 220; 356 220 426; 357 221 222; 358 222 428; 359 219 221; 360 220 222
147. 361 223 224; 362 224 163; 363 225 226; 364 226 164; 365 223 225; 366 224 226
148. 367 227 228; 368 228 446; 369 229 230; 370 230 448; 371 227 229; 372 228 230
149. 373 2 231; 374 4 232; 375 231 233; 376 233 234; 377 234 232; 378 6 235
150. 379 232 236; 380 236 237; 381 237 235; 382 8 238; 383 235 239; 384 239 240

151. 385 240 238; 386 10 241; 387 238 242; 388 242 243; 389 243 241; 390 12 244
152. 391 241 245; 392 245 246; 393 246 244; 394 14 247; 395 111 248; 396 247 249
153. 397 249 250; 398 250 248; 399 99 251; 400 248 252; 401 252 253; 402 253 251
154. 403 100 254; 404 251 255; 405 255 256; 406 256 254; 407 101 257; 408 254 258
155. 409 258 259; 410 259 257; 411 102 260; 412 257 399; 413 261 262; 414 262 260
156. 415 16 263; 416 17 264; 417 263 265; 418 265 266; 419 266 264; 420 19 267
157. 421 264 268; 422 268 269; 423 269 396; 424 21 270; 425 267 271; 426 271 272
158. 427 272 270; 428 23 273; 429 270 274; 430 274 275; 431 275 273; 432 25 276
159. 433 273 400; 434 277 278; 435 278 276; 436 231 247; 437 233 249; 438 234 250
160. 439 232 248; 440 236 252; 441 237 253; 442 235 251; 443 239 255; 444 240 256
161. 445 238 254; 446 242 258; 447 243 259; 448 241 257; 449 245 261; 450 246 262
162. 451 244 260; 452 247 263; 453 249 265; 454 250 266; 455 248 264; 456 252 268
163. 457 253 269; 458 251 267; 459 255 271; 460 256 272; 461 254 270; 462 258 274
164. 463 259 275; 464 257 273; 465 399 401; 466 403 278; 467 260 402; 468 27 279
165. 469 144 280; 470 279 281; 471 281 282; 472 282 280; 473 132 283; 474 280 284
166. 475 284 285; 476 285 283; 477 133 286; 478 134 287; 479 286 288; 480 288 289
167. 481 289 287; 482 135 290; 483 287 291; 484 291 292; 485 292 290; 486 263 279
168. 487 265 281; 488 266 282; 489 264 280; 490 268 284; 491 269 285; 492 267 283
169. 493 270 286; 494 274 288; 495 275 289; 496 273 287; 497 277 291; 498 278 292
170. 499 276 290; 500 29 293; 501 30 294; 502 293 295; 503 295 296; 504 296 294
171. 505 32 297; 506 294 298; 507 298 299; 508 299 297; 509 34 300; 510 36 301
172. 511 300 302; 512 302 303; 513 303 301; 514 38 304; 515 301 305; 516 305 306
173. 517 306 304; 518 279 293; 519 281 295; 520 282 296; 521 280 294; 522 284 298
174. 523 285 299; 524 283 297; 525 286 300; 526 288 302; 527 289 303; 528 287 301
175. 529 291 305; 530 292 306; 531 290 304; 532 40 307; 533 41 308; 534 307 309
176. 535 309 310; 536 310 308; 537 43 311; 538 308 312; 539 312 313; 540 313 311
177. 541 45 314; 542 47 315; 543 314 316; 544 316 317; 545 317 315; 546 49 318
178. 547 315 319; 548 319 320; 549 320 318; 550 293 307; 551 295 309; 552 296 310
179. 553 294 308; 554 298 312; 555 299 313; 556 297 311; 557 300 314; 558 302 316
180. 559 303 317; 560 301 315; 561 305 319; 562 306 320; 563 304 318; 566 343 323
181. 567 331 325; 568 323 324; 569 324 344; 570 325 326; 571 326 334; 572 323 325
182. 573 324 326; 574 51 327; 575 52 328; 576 327 329; 577 329 330; 578 330 328
183. 579 54 331; 580 328 332; 581 332 333; 582 333 331; 583 56 334; 584 58 335
184. 585 334 336; 586 336 337; 587 337 335; 588 60 338; 589 335 339; 590 339 340
185. 591 340 338; 592 307 327; 593 309 329; 594 310 330; 595 308 328; 596 312 332
186. 597 313 333; 598 311 343; 599 314 344; 600 316 336; 601 317 337; 602 315 335
187. 603 319 339; 604 320 340; 605 318 338; 606 343 331; 607 344 334; 608 61 345
188. 609 62 346; 610 345 347; 611 347 348; 612 348 346; 613 63 349; 614 346 350
189. 615 350 351; 616 351 349; 617 64 352; 618 65 353; 619 352 354; 620 354 355
190. 621 355 353; 622 66 356; 623 353 357; 624 357 358; 625 358 356; 626 327 345
191. 627 329 347; 628 330 348; 629 328 346; 630 332 350; 631 333 351; 632 331 349
192. 633 334 352; 634 336 354; 635 337 355; 636 335 353; 637 339 357; 638 340 358
193. 639 338 356; 640 349 359; 641 359 360; 642 360 352; 643 68 361; 644 69 362
194. 645 361 363; 646 363 364; 647 364 362; 648 71 365; 649 362 366; 650 366 367
195. 651 367 365; 652 73 368; 653 365 369; 654 369 370; 655 370 368; 656 75 371
196. 657 368 372; 658 372 373; 659 373 371; 660 77 374; 661 371 375; 662 375 376
197. 663 376 374; 664 345 361; 665 347 363; 666 348 364; 667 346 362; 668 350 366
198. 669 351 367; 670 349 365; 671 359 369; 672 360 370; 673 352 368; 674 354 372
199. 675 355 373; 676 353 371; 677 357 375; 678 358 376; 679 356 374; 680 79 377
200. 681 80 378; 682 377 379; 683 379 380; 684 380 378; 685 82 381; 686 378 382
201. 687 382 383; 688 383 381; 689 84 384; 690 381 385; 691 385 386; 692 386 384
202. 693 86 387; 694 384 388; 695 388 389; 696 389 387; 697 88 390; 698 387 391
203. 699 391 392; 700 392 390; 701 361 377; 702 363 379; 703 364 380; 704 362 378
204. 705 366 382; 706 367 383; 707 365 381; 708 369 385; 709 370 386; 710 368 384
205. 711 372 388; 712 373 389; 713 371 387; 714 375 391; 715 376 392; 716 374 390
206. 717 395 19; 718 396 267; 719 397 32; 720 398 54; 721 399 261; 722 400 277

STAAD SPACE

-- PAGE NO. 5

207. 723 401 400; 724 402 276; 725 401 403; 726 403 402; 727 404 109; 728 405 411
 208. 729 406 102; 730 407 405; 731 406 409; 732 408 105; 733 409 407; 734 408 409
 209. 735 410 23; 736 411 25; 737 412 61; 738 413 414; 739 414 415; 740 415 416
 210. 741 416 21; 742 417 215; 743 413 417; 744 414 215; 745 415 216; 746 418 125
 211. 747 416 418; 748 419 420; 749 420 424; 750 421 217; 751 422 129; 752 423 419
 212. 753 424 133; 754 421 423; 755 217 419; 756 218 420; 757 422 424; 758 425 219
 213. 759 426 137; 760 423 425; 761 419 219; 762 420 220; 763 424 426; 764 427 221
 214. 765 428 141; 766 429 161; 767 430 34; 768 427 429; 769 221 161; 770 222 162
 215. 771 428 430; 772 431 433; 773 432 434; 774 433 43; 775 434 45; 776 439 163
 216. 777 440 45; 778 431 435; 779 433 437; 780 225 436; 781 226 438; 782 435 223
 217. 783 436 432; 784 429 435; 785 430 436; 786 437 224; 787 438 434; 788 437 439
 218. 789 438 440; 790 441 442; 791 442 450; 792 443 165; 793 444 56; 794 445 227
 219. 795 446 192; 796 447 229; 797 448 194; 798 449 441; 799 450 64; 800 165 227
 220. 801 166 228; 802 229 441; 803 230 442; 804 443 445; 805 444 446; 806 447 449
 221. 807 448 450
 222. DEFINE MATERIAL START
 223. ISOTROPIC STEEL
 224. E 2.09042E+007
 225. POISSON 0.3
 226. DENSITY 7.83341
 227. ALPHA 1.2E-005
 228. DAMP 0.03
 229. TYPE STEEL
 230. STRENGTH FY 25819.2 FU 41584 RY 1.5 RT 1.2
 231. END DEFINE MATERIAL
 232. MEMBER PROPERTY AMERICAN
 233. 1 2 4 6 8 10 12 14 17 19 21 23 30 32 35 37 39 41 48 51 53 55 57 64 69 71 73 -
 234. 86 89 91 93 95 102 105 107 109 111 118 119 373 374 378 382 386 390 394 395 -
 235. 399 403 407 411 415 416 420 424 428 432 468 469 473 477 478 482 500 501 505 -
 236. 509 510 514 532 533 537 541 542 546 574 575 583 584 588 608 609 613 617 618 -
 237. 622 643 644 648 652 656 660 680 681 685 689 693 697 737 TABLE ST W14X90
 238. 3 5 7 9 11 22 24 38 40 42 54 56 58 72 74 88 90 92 94 96 104 106 108 110 112 -
 239. 158 161 164 167 248 TO 251 258 TO 263 268 TO 273 282 TO 285 290 TO 293 343 -
 240. 344 TO 348 766 767 776 777 TABLE ST W21X44
 241. 13 15 31 33 49 65 80 87 103 114 TO 117 329 TO 336 TABLE ST W21X44
 242. 26 TO 29 44 TO 47 82 TO 85 98 TO 101 120 TO 123 127 TO 130 134 TO 137 141 -
 243. 142 TO 143 148 TO 150 178 TO 197 298 TO 305 311 TO 314 320 TO 323 727 728 -
 244. 732 735 736 TABLE ST W24X84
 245. 124 TO 126 131 TO 133 138 TO 140 145 TO 147 152 TO 154 204 205 207 TO 211 -
 246. 213 214 216 217 308 TO 310 315 TO 319 324 TO 328 337 TO 342 729 TO 731 733 -
 247. 734 748 749 752 753 790 791 798 799 TABLE ST W16X36
 248. 59 75 81 160 163 166 174 175 221 223 228 TO 230 236 TO 238 244 TO 246 256 -
 249. 257 264 TO 267 274 TO 280 TABLE ST W16X36
 250. 203 206 212 215 306 307 349 TO 352 355 TO 358 365 TO 370 742 746 750 751 758 -
 251. 759 764 765 778 TO 783 786 787 794 TO 797 TABLE ST W18X65
 252. 353 354 359 TO 361 363 371 372 TABLE ST W8X40
 253. 375 TO 377 379 TO 381 383 TO 385 387 TO 389 391 TO 393 400 TO 402 404 TO 406 -
 254. 408 TO 410 412 TO 414 425 TO 427 429 TO 431 433 TO 435 474 TO 476 -
 255. 479 TO 481 483 TO 485 511 TO 513 515 TO 517 534 TO 536 538 TO 540 -
 256. 543 TO 545 547 TO 549 567 570 571 585 TO 587 589 TO 591 610 TO 612 -
 257. 614 TO 616 619 TO 621 623 TO 625 640 TO 642 645 TO 647 649 TO 651 -
 258. 653 TO 655 657 TO 659 661 TO 663 682 TO 684 686 TO 688 690 TO 692 -
 259. 694 TO 696 698 TO 700 721 722 TABLE ST W16X36
 260. 436 451 452 455 467 486 489 499 518 521 531 550 553 556 557 563 592 595 598 -
 261. 599 602 605 TO 607 626 629 639 664 679 701 707 710 713 716 -
 262. 724 TABLE ST W16X36

STAAD SPACE

-- PAGE NO. 6

263. 254 255 362 364 437 438 440 441 443 444 446 447 449 450 453 454 456 459 460 -
 264. 465 466 487 488 490 497 498 519 520 522 523 526 527 529 530 551 552 554 555 -
 265. 558 559 561 562 566 568 569 572 573 593 594 596 597 600 601 603 604 627 628 -
 266. 630 631 634 635 637 638 665 669 671 672 674 675 677 678 702 706 708 709 711 -
 267. 712 714 715 723 725 726 743 TO 745 747 754 TO 757 760 TO 763 768 TO 771 784 -
 268. 785 788 789 800 TO 807 TABLE ST W14X34
 269. 60 TO 63 76 TO 79 113 772 TO 775 TABLE ST W21X68
 270. 67 579 TABLE ST W14X90
 271. 43 155 169 176 198 225 231 239 247 281 286 TO 289 294 TO 297 TABLE ST W16X45
 272. 20 70 156 157 159 162 165 168 218 TO 220 222 224 226 252 253 738 TO 741 792 -
 273. 793 TABLE ST W21X68
 274. 16 18 34 36 50 52 66 68 170 TO 173 199 TO 202 232 TO 235 240 TO 243 -
 275. 719 TABLE ST W24X84
 276. 439 442 445 448 458 461 464 492 493 496 524 525 528 560 632 633 636 667 670 -
 277. 673 676 704 TABLE ST W16X67
 278. 396 TO 398 417 TO 419 421 TO 423 470 TO 472 502 TO 504 506 TO 508 576 TO 578 -
 279. 580 TO 582 718 TABLE ST W16X67
 280. 457 462 463 491 494 495 666 668 703 705 TABLE ST W14X43
 281. 717 720 TABLE TB W24X84 WP 0.2 TH 0.008 BW 0.2 BT 0.008
 282. 25 97 177 227 TABLE ST W16X67
 283. CONSTANTS
 284. MATERIAL STEEL ALL
 285. MEMBER RELEASE
 286. 124 TO 126 131 TO 133 138 TO 140 145 TO 147 152 TO 154 203 TO 217 306 TO 310 -
 287. 315 TO 319 324 TO 328 337 TO 343 566 725 734 778 779 START MZ
 288. 124 TO 126 131 TO 133 138 139 145 146 152 TO 154 168 204 205 207 208 210 211 -
 289. 213 214 216 217 226 309 310 315 TO 319 324 TO 328 337 TO 342 348 569 726 -
 290. 729 730 734 746 751 753 759 765 783 787 795 797 799 END MZ
 291. 25 43 59 75 81 97 113 155 160 163 166 169 174 TO 177 198 221 223 225 -
 292. 227 TO 231 236 TO 239 244 TO 247 254 TO 257 264 TO 267 274 TO 281 -
 293. 286 TO 289 294 TO 297 353 354 359 TO 364 371 372 437 438 440 441 443 444 -
 294. 446 447 449 450 453 454 456 457 459 460 462 463 465 466 487 488 490 491 494 495 -
 295. 495 497 498 519 520 522 523 526 527 529 530 551 552 554 555 558 559 561 562 572 -
 296. 572 573 593 594 596 597 600 601 603 604 627 628 630 631 634 635 637 638 665 -
 297. 666 668 669 671 672 674 675 677 678 702 703 705 706 708 709 711 712 714 715 -
 298. 731 743 TO 745 747 754 TO 757 760 TO 763 768 TO 771 784 785 788 789 -
 299. 800 TO 807 START MX
 300. 25 43 59 75 81 97 113 155 160 163 166 169 174 TO 177 198 221 223 225 -
 301. 227 TO 231 236 TO 239 244 TO 247 254 TO 257 264 TO 267 274 TO 281 -
 302. 286 TO 289 294 TO 297 353 354 359 TO 364 371 372 437 438 440 441 443 444 -
 303. 446 447 449 450 453 454 456 457 459 460 462 463 466 487 488 490 491 494 495 -
 304. 497 498 519 520 522 523 526 527 529 530 551 552 554 555 558 559 561 562 572 -
 305. 573 593 594 596 597 600 601 603 604 627 628 630 631 634 635 637 638 665 666 -
 306. 668 669 671 672 674 675 677 678 702 703 705 706 708 709 711 712 714 715 723 -
 307. 733 743 TO 745 747 754 TO 757 760 TO 763 768 TO 771 784 785 788 789 -
 308. 800 TO 807 END MX
 309. SUPPORTS
 310. 1 3 5 7 9 11 13 15 18 20 22 24 26 28 31 33 35 37 39 42 44 46 48 50 53 55 57 -
 311. 59 67 70 72 74 76 78 81 83 85 87 89 90 412 FIXED
 312. SLAVE ZX MASTER 393 JOINT 2 4 6 8 10 12 14 16 19 21 23 25 27 29 32 34 36 38 -
 **WARNING- JOINT NO. 393 NOT CONNECTED. OK, IF PART OF MASTER/SLAVE.
 **WARNING- JOINT NO. 394 NOT CONNECTED. OK, IF PART OF MASTER/SLAVE.
 313. 40 43 45 47 49 51 54 56 58 60 68 71 73 75 77 79 82 84 86 88
 314. SLAVE ZX MASTER 394 JOINT 231 232 235 238 241 244 247 248 251 254 257 260 -
 315. 263 264 267 270 276 279 280 283 286 287 290 293 294 297 300 301 304 307 308 -
 316. 311 314 315 318 327 331 334 335 338 345 346 349 352 353 356 361 362 365 368 -

STAAD SPACE

-- PAGE NO. 7

317. 371 374 377 378 381 384 387 390
318. LOAD 1 LOADTYPE DEAD TITLE PP
319. SELFWEIGHT Y -1
320. LOAD 2 LOADTYPE DEAD TITLE CM
321. MEMBER LOAD
322. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
323. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
324. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
325. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
326. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
327. 804 TO 807 UNI GY -0.4
328. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
329. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
330. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
331. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
332. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
333. 800 TO 803 UNI GY -0.8
334. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
335. 605 626 632 633 639 664 679 701 716 724 UNI GY -0.47
336. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
337. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
338. 635 TO 638 665 TO 678 702 TO 715 723 UNI GY -0.94
339. LOAD 3 LOADTYPE LIVE REDUCIBLE TITLE CV MAX
340. MEMBER LOAD
341. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
342. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
343. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
344. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
345. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
346. 804 TO 807 UNI GY -0.25
347. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
348. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
349. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
350. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
351. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
352. 800 TO 803 UNI GY -0.5
353. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
354. 605 626 632 633 639 664 679 701 716 724 UNI GY -0.1
355. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
356. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
357. 635 TO 638 665 TO 678 702 TO 715 723 UNI GY -0.2
358. LOAD 4 LOADTYPE LIVE REDUCIBLE TITLE CV INST
359. MEMBER LOAD
360. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
361. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
362. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
363. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
364. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
365. 804 TO 807 UNI GY -0.18
366. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
367. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
368. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
369. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
370. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
371. 800 TO 803 UNI GY -0.36
372. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -

373. 605 626 632 633 639 664 679 701 716 724 UNI GY -0.07
374. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
375. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
376. 635 TO 638 665 TO 678 702 TO 715 723 UNI GY -0.14
377. LOAD 5 LOADTYPE DEAD TITLE EQUIPOS
378. MEMBER LOAD
379. 528 UNI GY -1.7 4.95 6
380. 529 UNI GY -0.802 4.95 6
381. 560 UNI GY -1.7 0 1.45
382. 561 UNI GY -0.802 0 1.45
383. 528 UNI GY -1.7 0.25 2.75
384. 529 UNI GY -0.802 0.25 2.75
385. 560 UNI GY -1.7 3.25 5.75
386. 561 UNI GY -0.802 3.25 5.75
387. 676 677 CON GY -0.19 1.5
388. 676 677 CON GY -0.19 4.1
389. 456 457 462 463 CON GY -0.3 0.65
390. 456 457 462 463 CON GY -0.3 3.35
391. LOAD 6 LOADTYPE SEISMIC TITLE SISMO EN X
392. SELFWEIGHT X 1
393. SELFWEIGHT Y 1
394. SELFWEIGHT Z 1
395. *****
396. MEMBER LOAD
397. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
398. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
399. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
400. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
401. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
402. 804 TO 807 UNI GX 0.4
403. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
404. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
405. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
406. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
407. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
408. 800 TO 803 UNI GX 0.8
409. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
410. 605 626 632 633 639 664 679 701 716 724 UNI GX 0.47
411. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
412. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
413. 635 TO 638 665 TO 678 702 TO 715 723 UNI GX 0.94
414. MEMBER LOAD
415. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
416. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
417. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
418. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
419. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
420. 804 TO 807 UNI GY 0.4
421. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
422. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
423. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
424. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
425. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
426. 800 TO 803 UNI GY 0.8
427. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
428. 605 626 632 633 639 664 679 701 716 724 UNI GY 0.47

429. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
430. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
431. 635 TO 638 665 TO 678 702 TO 715 723 UNI GY 0.94
432. MEMBER LOAD
433. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
434. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
435. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
436. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
437. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
438. 804 TO 807 UNI GZ 0.4
439. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
440. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
441. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
442. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
443. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
444. 800 TO 803 UNI GZ 0.8
445. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
446. 605 626 632 633 639 664 679 701 716 724 UNI GZ 0.47
447. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
448. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
449. 635 TO 638 665 TO 678 702 TO 715 723 UNI GZ 0.94
450. *****
451. MEMBER LOAD
452. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
453. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
454. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
455. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
456. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
457. 804 TO 807 UNI GX 0.18
458. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
459. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
460. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
461. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
462. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
463. 800 TO 803 UNI GX 0.36
464. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
465. 605 626 632 633 639 664 679 701 716 724 UNI GX 0.07
466. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
467. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
468. 635 TO 638 665 TO 678 702 TO 715 723 UNI GX 0.14
469. MEMBER LOAD
470. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
471. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
472. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
473. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
474. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
475. 804 TO 807 UNI GY 0.18
476. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
477. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
478. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
479. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
480. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
481. 800 TO 803 UNI GY 0.36
482. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
483. 605 626 632 633 639 664 679 701 716 724 UNI GY 0.07
484. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -

STAAD SPACE

-- PAGE NO. 10

485. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
486. 635 TO 638 665 TO 678 702 TO 715 723 UNI GY 0.14
487. MEMBER LOAD
488. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
489. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
490. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
491. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
492. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
493. 804 TO 807 UNI GZ 0.18
494. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
495. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
496. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
497. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
498. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
499. 800 TO 803 UNI GZ 0.36
500. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
501. 605 626 632 633 639 664 679 701 716 724 UNI GZ 0.07
502. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
503. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -
504. 635 TO 638 665 TO 678 702 TO 715 723 UNI GZ 0.14
505. *****
506. MEMBER LOAD
507. 528 UNI GX 1.7 4.95 6
508. 529 UNI GX 0.802 4.95 6
509. 560 UNI GX 1.7 0 1.45
510. 561 UNI GX 0.802 0 1.45
511. 528 UNI GX 1.7 0.25 2.75
512. 529 UNI GX 0.802 0.25 2.75
513. 560 UNI GX 1.7 3.25 5.75
514. 561 UNI GX 0.802 3.25 5.75
515. 676 677 CON GX 0.19 1.5
516. 676 677 CON GX 0.19 4.1
517. 456 457 462 463 CON GX 0.3 0.65
518. 456 457 462 463 CON GX 0.3 3.35
519. MEMBER LOAD
520. 528 UNI GY 1.7 4.95 6
521. 529 UNI GY 0.802 4.95 6
522. 560 UNI GY 1.7 0 1.45
523. 561 UNI GY 0.802 0 1.45
524. 528 UNI GY 1.7 0.25 2.75
525. 529 UNI GY 0.802 0.25 2.75
526. 560 UNI GY 1.7 3.25 5.75
527. 561 UNI GY 0.802 3.25 5.75
528. 676 677 CON GY 0.19 1.5
529. 676 677 CON GY 0.19 4.1
530. 456 457 462 463 CON GY 0.3 0.65
531. 456 457 462 463 CON GY 0.3 3.35
532. MEMBER LOAD
533. 528 UNI GZ 1.7 4.95 6
534. 529 UNI GZ 0.802 4.95 6
535. 560 UNI GZ 1.7 0 1.45
536. 561 UNI GZ 0.802 0 1.45
537. 528 UNI GZ 1.7 0.25 2.75
538. 529 UNI GZ 0.802 0.25 2.75
539. 560 UNI GZ 1.7 3.25 5.75
540. 561 UNI GZ 0.802 3.25 5.75

STAAD SPACE

-- PAGE NO. 11

```

541. 676 677 CON GZ 0.19 1.5
542. 676 677 CON GZ 0.19 4.1
543. 456 457 462 463 CON GZ 0.3 0.65
544. 456 457 462 463 CON GZ 0.3 3.35
545. *****
546. MEMBER LOAD
547. 353 354 359 TO 361 363 371 372 UNI GX 1.8
548. 353 354 359 TO 361 363 371 372 CON GX 0.75 1
549. MEMBER LOAD
550. 353 354 359 TO 361 363 371 372 UNI GY 1.8
551. 353 354 359 TO 361 363 371 372 CON GY 0.75 1
552. MEMBER LOAD
553. 353 354 359 TO 361 363 371 372 UNI GZ 1.8
554. 353 354 359 TO 361 363 371 372 CON GZ 0.75 1
555. *****
556. SPECTRUM SRSS X 1 ACC SCALE 9.81 DAMP 0.05 LIN
557. 0 0.03; 0.1 0.048; 0.2 0.067; 0.3 0.067; 0.4 0.067; 0.5 0.067; 0.6 0.067
558. 0.7 0.062; 0.8 0.058; 0.9 0.054; 1 0.052; 1.1 0.049; 1.2 0.047; 1.3 0.045
559. 1.4 0.044; 1.5 0.042; 1.6 0.041; 1.7 0.04; 1.8 0.038; 1.9 0.037; 2 0.037
560. 2.1 0.036; 2.2 0.035; 2.3 0.034; 2.4 0.033; 2.5 0.033; 2.6 0.032; 2.7 0.031
561. 2.8 0.031; 2.9 0.03; 3 0.03; 3.1 0.029; 3.2 0.029; 3.3 0.028; 3.4 0.028
562. 3.5 0.028; 3.6 0.027; 3.7 0.027; 3.8 0.026; 3.9 0.026; 4 0.026; 4.1 0.026
563. 4.2 0.025; 4.3 0.025; 4.4 0.025; 4.5 0.024; 4.6 0.024; 4.7 0.024; 4.8 0.024
564. 4.9 0.023; 5 0.023
565. LOAD 7 LOADTYPE SEISMIC TITLE SISMO EN Z
566. SPECTRUM SRSS Z 1 ACC SCALE 9.81 DAMP 0.05 LIN
567. 0 0.03; 0.1 0.048; 0.2 0.067; 0.3 0.067; 0.4 0.067; 0.5 0.067; 0.6 0.067
568. 0.7 0.062; 0.8 0.058; 0.9 0.054; 1 0.052; 1.1 0.049; 1.2 0.047; 1.3 0.045
569. 1.4 0.044; 1.5 0.042; 1.6 0.041; 1.7 0.04; 1.8 0.038; 1.9 0.037; 2 0.037
570. 2.1 0.036; 2.2 0.035; 2.3 0.034; 2.4 0.033; 2.5 0.033; 2.6 0.032; 2.7 0.031
571. 2.8 0.031; 2.9 0.03; 3 0.03; 3.1 0.029; 3.2 0.029; 3.3 0.028; 3.4 0.028
572. 3.5 0.028; 3.6 0.027; 3.7 0.027; 3.8 0.026; 3.9 0.026; 4 0.026; 4.1 0.026
573. 4.2 0.025; 4.3 0.025; 4.4 0.025; 4.5 0.024; 4.6 0.024; 4.7 0.024; 4.8 0.024
574. 4.9 0.023; 5 0.023
575. LOAD 8 LOADTYPE DEAD TITLE ARRIATES
576. MEMBER LOAD
577. 353 354 359 TO 361 363 371 372 UNI GY -1.8
578. 353 354 359 TO 361 363 371 372 CON GY -0.75 1
579. LOAD 9 LOADTYPE DEAD TITLE CV MED
580. MEMBER LOAD
581. 7 9 11 13 15 20 26 31 33 40 42 44 49 60 61 63 65 72 74 79 80 82 87 98 103 -
582. 108 110 112 114 120 127 134 141 148 178 182 186 190 194 203 206 212 215 258 -
583. 259 262 263 268 269 272 273 298 300 302 304 306 TO 308 329 331 350 -
584. 352 TO 354 356 358 TO 361 363 368 370 TO 372 729 730 738 TO 743 746 747 750 -
585. 751 754 757 TO 760 763 TO 765 768 771 TO 775 778 TO 791 794 TO 799 -
586. 804 TO 807 UNI GY -0.1
587. 22 24 25 43 59 62 75 TO 78 81 92 94 96 97 113 124 TO 126 131 TO 133 -
588. 138 TO 140 145 TO 147 152 TO 155 160 163 166 169 174 TO 177 198 204 205 207 -
589. 208 210 211 213 214 216 217 221 223 225 227 TO 231 236 TO 239 244 TO 247 -
590. 254 TO 257 264 TO 267 274 TO 281 286 TO 289 294 TO 297 309 310 315 TO 319 -
591. 324 TO 328 337 TO 342 362 364 734 744 745 755 756 761 762 769 770 -
592. 800 TO 803 UNI GY -0.2
593. 436 451 452 465 486 492 493 499 518 524 525 531 550 556 557 563 592 598 599 -
594. 605 626 632 633 639 664 679 701 716 724 UNI GY -0.015
595. 437 TO 450 453 TO 464 466 487 TO 491 494 TO 498 519 TO 523 526 TO 530 551 -
596. 552 TO 555 558 TO 562 572 573 593 TO 597 600 TO 604 606 607 627 TO 631 634 -

```

```
597. 635 TO 638 665 TO 678 702 TO 715 723 UNI GY -0.03
598. *LOAD 30 LOADTYPE NONE TITLE FRECUENCIA
599. *CALCULATE RAYLEIGH FREQUENCY
600. ***** SERVICIO *****
601. LOAD COMB 10 1.0 (PP+CM+CVMAX+EQU+ARR)
602. 1 1.0 2 1.0 3 1.0 5 1.0 8 1.0
603. LOAD COMB 11 1.0 (PP+CM+CVINST+EQU+ARR+ SX+ 0.3 SZ)
604. 1 1.0 2 1.0 4 1.0 5 1.0 6 1.0 7 0.3 8 1.0
605. LOAD COMB 12 1.0 (PP+CM+CVINST+EQU+ARR+ SX- 0.3 SZ)
606. 1 1.0 2 1.0 4 1.0 5 1.0 6 1.0 7 -0.3 8 1.0
607. LOAD COMB 13 1.0 (PP+CM+CVINST+EQU+ARR- SX+ 0.3 SZ)
608. 1 1.0 2 1.0 4 1.0 5 1.0 6 -1.0 7 0.3 8 1.0
609. LOAD COMB 14 1.0 (PP+CM+CVINST+EQU+ARR- SX- 0.3 SZ)
610. 1 1.0 2 1.0 4 1.0 5 1.0 6 -1.0 7 -0.3 8 1.0
611. LOAD COMB 15 1.0 (PP+CM+CVINST+EQU+ARR+ 0.3 SX+ SZ)
612. 1 1.0 2 1.0 4 1.0 5 1.0 6 0.3 7 1.0 8 1.0
613. LOAD COMB 16 1.0 (PP+CM+CVINST+EQU+ARR+ 0.3 SX- SZ)
614. 1 1.0 2 1.0 4 1.0 5 1.0 6 0.3 7 -1.0 8 1.0
615. LOAD COMB 17 1.0 (PP+CM+CVINST+EQU+ARR- 0.3 SX+ SZ)
616. 1 1.0 2 1.0 4 1.0 5 1.0 6 -0.3 7 1.0 8 1.0
617. LOAD COMB 18 1.0 (PP+CM+CVINST+EQU+ARR- 0.3 SX- SZ)
618. 1 1.0 2 1.0 4 1.0 5 1.0 6 -0.3 7 -1.0 8 1.0
619. LOAD COMB 19 1.0 (PP+CM+CVINST+EQU+ARR)
620. 1 1.0 2 1.0 4 1.0 5 1.0 8 1.0
621. ***** DISE?O *****
622. LOAD COMB 20 1.4 (PP+CM+CVMAX+EQU+ARR)
623. 1 1.4 2 1.4 3 1.4 5 1.4 8 1.4
624. LOAD COMB 21 1.1 (PP+CM+CVINST+EQU+ SX+ 0.3 SZ)
625. 1 1.1 2 1.1 4 1.1 5 1.1 6 1.1 7 0.33 8 1.1
626. LOAD COMB 22 1.1 (PP+CM+CVINST+EQU+ SX- 0.3 SZ)
627. 1 1.1 2 1.1 4 1.1 5 1.1 6 1.1 7 -0.33 8 1.1
628. LOAD COMB 23 1.1 (PP+CM+CVINST+EQU- SX+ 0.3 SZ)
629. 1 1.1 2 1.1 4 1.1 5 1.1 6 -1.1 7 0.33 8 1.1
630. LOAD COMB 24 1.1 (PP+CM+CVINST+EQU- SX- 0.3 SZ)
631. 1 1.1 2 1.1 4 1.1 5 1.1 6 -1.1 7 -0.33 8 1.1
632. LOAD COMB 25 1.1 (PP+CM+CVINST+EQU+ 0.3 SX+ SZ)
633. 1 1.1 2 1.1 4 1.1 5 1.1 6 0.33 7 1.1 8 1.1
634. LOAD COMB 26 1.1 (PP+CM+CVINST+EQU+ 0.3 SX- SZ)
635. 1 1.1 2 1.1 4 1.1 5 1.1 6 0.33 7 -1.1 8 1.1
636. LOAD COMB 27 1.1 (PP+CM+CVINST+EQU- 0.3 SX+ SZ)
637. 1 1.1 2 1.1 4 1.1 5 1.1 6 -0.33 7 1.1 8 1.1
638. LOAD COMB 28 1.1 (PP+CM+CVINST+EQU- 0.3 SX- SZ)
639. 1 1.1 2 1.1 4 1.1 5 1.1 6 -0.33 7 -1.1 8 1.1
640. LOAD COMB 29 1.0 (PP+CM+CVMED+EQU+ARR)
641. 1 1.0 2 1.0 5 1.0 8 1.0 9 1.0
642. PERFORM ANALYSIS PRINT ALL
```


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

NUMBER OF JOINTS	444	NUMBER OF MEMBERS	803
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	41

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

ORIGINAL/FINAL BAND-WIDTH= 393/ 37/ 2130 DOF
TOTAL PRIMARY LOAD CASES = 9, TOTAL DEGREES OF FREEDOM = 2130
TOTAL LOAD COMBINATION CASES = 20 SO FAR.
SIZE OF STIFFNESS MATRIX = 4537 DOUBLE KILO-WORDS
REQRD/AVAIL. DISK SPACE = 82.8/ 422550.8 MB

STAAD SPACE

-- PAGE NO. 14

LOADING 1 LOADTYPE DEAD TITLE PP

SELFWEIGHT Y -1.000

ACTUAL WEIGHT OF THE STRUCTURE = 208.685 MTON

LOADING 2 LOADTYPE DEAD TITLE CM

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
7	-0.4000 GY	0.00	6.00				
9	-0.4000 GY	0.00	6.00				
11	-0.4000 GY	0.00	6.00				
13	-0.4000 GY	0.00	6.00				
15	-0.4000 GY	0.00	6.00				
20	-0.4000 GY	0.00	0.25				
26	-0.4000 GY	0.00	2.00				
31	-0.4000 GY	0.00	6.00				
33	-0.4000 GY	0.00	6.00				
40	-0.4000 GY	0.00	2.00				
42	-0.4000 GY	0.00	2.00				
44	-0.4000 GY	0.00	2.00				
49	-0.4000 GY	0.00	6.00				
60	-0.4000 GY	0.00	2.00				
61	-0.4000 GY	0.00	2.00				
63	-0.4000 GY	0.00	6.00				
65	-0.4000 GY	0.00	6.00				
72	-0.4000 GY	0.00	2.00				
74	-0.4000 GY	0.00	2.00				
79	-0.4000 GY	0.00	6.00				
80	-0.4000 GY	0.00	6.00				
82	-0.4000 GY	0.00	2.00				
87	-0.4000 GY	0.00	6.00				
98	-0.4000 GY	0.00	2.00				
103	-0.4000 GY	0.00	6.00				
108	-0.4000 GY	0.00	6.00				
110	-0.4000 GY	0.00	6.00				
112	-0.4000 GY	0.00	6.00				
114	-0.4000 GY	0.00	2.00				
120	-0.4000 GY	0.00	2.00				
127	-0.4000 GY	0.00	2.00				
134	-0.4000 GY	0.00	2.00				
141	-0.4000 GY	0.00	2.00				
148	-0.4000 GY	0.00	2.00				
178	-0.4000 GY	0.00	2.00				
182	-0.4000 GY	0.00	2.00				
186	-0.4000 GY	0.00	2.00				
190	-0.4000 GY	0.00	2.00				

STAAD SPACE

-- PAGE NO. 15

194	-0.4000	GY	0.00	2.00
203	-0.4000	GY	0.00	0.25
206	-0.4000	GY	0.00	0.25
212	-0.4000	GY	0.00	0.25
215	-0.4000	GY	0.00	0.25
258	-0.4000	GY	0.00	2.00
259	-0.4000	GY	0.00	2.00
262	-0.4000	GY	0.00	2.00
263	-0.4000	GY	0.00	2.00
268	-0.4000	GY	0.00	2.00
269	-0.4000	GY	0.00	2.00
272	-0.4000	GY	0.00	2.00
273	-0.4000	GY	0.00	2.00
298	-0.4000	GY	0.00	2.00
300	-0.4000	GY	0.00	2.00
302	-0.4000	GY	0.00	2.00
304	-0.4000	GY	0.00	2.00
306	-0.4000	GY	0.00	0.25
307	-0.4000	GY	0.00	0.25
308	-0.4000	GY	0.00	0.25
329	-0.4000	GY	0.00	2.00
331	-0.4000	GY	0.00	2.00
350	-0.4000	GY	0.00	1.75
352	-0.4000	GY	0.00	1.75
353	-0.4000	GY	0.00	2.00
354	-0.4000	GY	0.00	2.00
356	-0.4000	GY	0.00	1.75
358	-0.4000	GY	0.00	1.75
359	-0.4000	GY	0.00	2.00
360	-0.4000	GY	0.00	2.00
361	-0.4000	GY	0.00	2.00
363	-0.4000	GY	0.00	2.00
368	-0.4000	GY	0.00	1.75
370	-0.4000	GY	0.00	1.75
371	-0.4000	GY	0.00	2.00
372	-0.4000	GY	0.00	2.00
729	-0.4000	GY	0.00	4.50
730	-0.4000	GY	0.00	4.50
738	-0.4000	GY	0.00	1.75
739	-0.4000	GY	0.00	2.00
740	-0.4000	GY	0.00	1.75
741	-0.4000	GY	0.00	0.25
742	-0.4000	GY	0.00	1.75
743	-0.4000	GY	0.00	2.00
746	-0.4000	GY	0.00	0.25
747	-0.4000	GY	0.00	2.00
750	-0.4000	GY	0.00	1.75
751	-0.4000	GY	0.00	0.25
754	-0.4000	GY	0.00	2.00
757	-0.4000	GY	0.00	2.00
758	-0.4000	GY	0.00	1.75
759	-0.4000	GY	0.00	0.25
760	-0.4000	GY	0.00	2.00
763	-0.4000	GY	0.00	2.00
764	-0.4000	GY	0.00	1.75
765	-0.4000	GY	0.00	0.25

STAAD SPACE

-- PAGE NO. 16

768	-0.4000	GY	0.00	2.00
771	-0.4000	GY	0.00	2.00
772	-0.4000	GY	0.00	2.00
773	-0.4000	GY	0.00	2.00
774	-0.4000	GY	0.00	2.00
775	-0.4000	GY	0.00	2.00
778	-0.4000	GY	0.00	0.25
779	-0.4000	GY	0.00	0.25
780	-0.4000	GY	0.00	1.75
781	-0.4000	GY	0.00	1.75
782	-0.4000	GY	0.00	1.75
783	-0.4000	GY	0.00	0.25
784	-0.4000	GY	0.00	2.00
785	-0.4000	GY	0.00	2.00
786	-0.4000	GY	0.00	1.75
787	-0.4000	GY	0.00	0.25
788	-0.4000	GY	0.00	2.00
789	-0.4000	GY	0.00	2.00
790	-0.4000	GY	0.00	2.00
791	-0.4000	GY	0.00	1.75
794	-0.4000	GY	0.00	1.75
795	-0.4000	GY	0.00	0.25
796	-0.4000	GY	0.00	1.75
797	-0.4000	GY	0.00	0.25
798	-0.4000	GY	0.00	1.75
799	-0.4000	GY	0.00	0.25
804	-0.4000	GY	0.00	2.00
805	-0.4000	GY	0.00	2.00
806	-0.4000	GY	0.00	2.00
807	-0.4000	GY	0.00	2.00
22	-0.8000	GY	0.00	6.00
24	-0.8000	GY	0.00	6.00
25	-0.8000	GY	0.00	6.00
43	-0.8000	GY	0.00	6.00
59	-0.8000	GY	0.00	6.00
62	-0.8000	GY	0.00	6.00
75	-0.8000	GY	0.00	6.00
76	-0.8000	GY	0.00	6.00
77	-0.8000	GY	0.00	6.00
78	-0.8000	GY	0.00	6.00
81	-0.8000	GY	0.00	6.00
92	-0.8000	GY	0.00	6.00
94	-0.8000	GY	0.00	6.00
96	-0.8000	GY	0.00	6.00
97	-0.8000	GY	0.00	6.00
113	-0.8000	GY	0.00	6.00
124	-0.8000	GY	0.00	6.00
125	-0.8000	GY	0.00	6.00
126	-0.8000	GY	0.00	6.00
131	-0.8000	GY	0.00	6.00
132	-0.8000	GY	0.00	6.00
133	-0.8000	GY	0.00	6.00
138	-0.8000	GY	0.00	6.00
139	-0.8000	GY	0.00	6.00
140	-0.8000	GY	0.00	1.50
145	-0.8000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 17

146	-0.8000	GY	0.00	6.00
147	-0.8000	GY	0.00	1.50
152	-0.8000	GY	0.00	6.00
153	-0.8000	GY	0.00	6.00
154	-0.8000	GY	0.00	6.00
155	-0.8000	GY	0.00	6.00
160	-0.8000	GY	0.00	6.00
163	-0.8000	GY	0.00	6.00
166	-0.8000	GY	0.00	6.00
169	-0.8000	GY	0.00	6.00
174	-0.8000	GY	0.00	6.00
175	-0.8000	GY	0.00	6.00
176	-0.8000	GY	0.00	6.00
177	-0.8000	GY	0.00	6.00
198	-0.8000	GY	0.00	6.00
204	-0.8000	GY	0.00	6.00
205	-0.8000	GY	0.00	6.00
207	-0.8000	GY	0.00	6.00
208	-0.8000	GY	0.00	6.00
210	-0.8000	GY	0.00	6.00
211	-0.8000	GY	0.00	6.00
213	-0.8000	GY	0.00	6.00
214	-0.8000	GY	0.00	6.00
216	-0.8000	GY	0.00	6.00
217	-0.8000	GY	0.00	6.00
221	-0.8000	GY	0.00	6.00
223	-0.8000	GY	0.00	6.00
225	-0.8000	GY	0.00	6.00
227	-0.8000	GY	0.00	6.00
228	-0.8000	GY	0.00	6.00
229	-0.8000	GY	0.00	6.00
230	-0.8000	GY	0.00	6.00
231	-0.8000	GY	0.00	6.00
236	-0.8000	GY	0.00	6.00
237	-0.8000	GY	0.00	6.00
238	-0.8000	GY	0.00	6.00
239	-0.8000	GY	0.00	6.00
244	-0.8000	GY	0.00	6.00
245	-0.8000	GY	0.00	6.00
246	-0.8000	GY	0.00	6.00
247	-0.8000	GY	0.00	6.00
254	-0.8000	GY	0.00	2.00
255	-0.8000	GY	0.00	2.00
256	-0.8000	GY	0.00	6.00
257	-0.8000	GY	0.00	6.00
264	-0.8000	GY	0.00	6.00
265	-0.8000	GY	0.00	6.00
266	-0.8000	GY	0.00	6.00
267	-0.8000	GY	0.00	6.00
274	-0.8000	GY	0.00	6.00
275	-0.8000	GY	0.00	6.00
276	-0.8000	GY	0.00	6.00
277	-0.8000	GY	0.00	6.00
278	-0.8000	GY	0.00	6.00
279	-0.8000	GY	0.00	6.00
280	-0.8000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 18

281	-0.8000	GY	0.00	6.00
286	-0.8000	GY	0.00	6.00
287	-0.8000	GY	0.00	6.00
288	-0.8000	GY	0.00	6.00
289	-0.8000	GY	0.00	6.00
294	-0.8000	GY	0.00	6.00
295	-0.8000	GY	0.00	6.00
296	-0.8000	GY	0.00	6.00
297	-0.8000	GY	0.00	6.00
309	-0.8000	GY	0.00	6.00
310	-0.8000	GY	0.00	6.00
315	-0.8000	GY	0.00	6.00
316	-0.8000	GY	0.00	6.00
317	-0.8000	GY	0.00	6.00
318	-0.8000	GY	0.00	6.00
319	-0.8000	GY	0.00	6.00
324	-0.8000	GY	0.00	6.00
325	-0.8000	GY	0.00	6.00
326	-0.8000	GY	0.00	6.00
327	-0.8000	GY	0.00	6.00
328	-0.8000	GY	0.00	6.00
337	-0.8000	GY	0.00	6.00
338	-0.8000	GY	0.00	6.00
339	-0.8000	GY	0.00	6.00
340	-0.8000	GY	0.00	6.00
341	-0.8000	GY	0.00	6.00
342	-0.8000	GY	0.00	6.00
362	-0.8000	GY	0.00	2.00
364	-0.8000	GY	0.00	2.00
734	-0.8000	GY	0.00	1.50
744	-0.8000	GY	0.00	2.00
745	-0.8000	GY	0.00	2.00
755	-0.8000	GY	0.00	2.00
756	-0.8000	GY	0.00	2.00
761	-0.8000	GY	0.00	2.00
762	-0.8000	GY	0.00	2.00
769	-0.8000	GY	0.00	2.00
770	-0.8000	GY	0.00	2.00
800	-0.8000	GY	0.00	2.00
801	-0.8000	GY	0.00	2.00
802	-0.8000	GY	0.00	2.00
803	-0.8000	GY	0.00	2.00
436	-0.4700	GY	0.00	6.00
451	-0.4700	GY	0.00	6.00
452	-0.4700	GY	0.00	6.00
465	-0.4700	GY	0.00	3.00
486	-0.4700	GY	0.00	6.00
492	-0.4700	GY	0.00	6.00
493	-0.4700	GY	0.00	6.00
499	-0.4700	GY	0.00	6.00
518	-0.4700	GY	0.00	6.00
524	-0.4700	GY	0.00	6.00
525	-0.4700	GY	0.00	6.00
531	-0.4700	GY	0.00	6.00
550	-0.4700	GY	0.00	6.00
556	-0.4700	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 19

557	-0.4700	GY	0.00	6.00
563	-0.4700	GY	0.00	6.00
592	-0.4700	GY	0.00	6.00
598	-0.4700	GY	0.00	3.00
599	-0.4700	GY	0.00	3.00
605	-0.4700	GY	0.00	6.00
626	-0.4700	GY	0.00	6.00
632	-0.4700	GY	0.00	6.00
633	-0.4700	GY	0.00	6.00
639	-0.4700	GY	0.00	6.00
664	-0.4700	GY	0.00	6.00
679	-0.4700	GY	0.00	6.00
701	-0.4700	GY	0.00	6.00
716	-0.4700	GY	0.00	6.00
724	-0.4700	GY	0.00	3.00
437	-0.9400	GY	0.00	6.00
438	-0.9400	GY	0.00	6.00
439	-0.9400	GY	0.00	6.00
440	-0.9400	GY	0.00	6.00
441	-0.9400	GY	0.00	6.00
442	-0.9400	GY	0.00	6.00
443	-0.9400	GY	0.00	6.00
444	-0.9400	GY	0.00	6.00
445	-0.9400	GY	0.00	6.00
446	-0.9400	GY	0.00	6.00
447	-0.9400	GY	0.00	6.00
448	-0.9400	GY	0.00	6.00
449	-0.9400	GY	0.00	6.00
450	-0.9400	GY	0.00	6.00
453	-0.9400	GY	0.00	6.00
454	-0.9400	GY	0.00	6.00
455	-0.9400	GY	0.00	6.00
456	-0.9400	GY	0.00	6.00
457	-0.9400	GY	0.00	6.00
458	-0.9400	GY	0.00	6.00
459	-0.9400	GY	0.00	6.00
460	-0.9400	GY	0.00	6.00
461	-0.9400	GY	0.00	6.00
462	-0.9400	GY	0.00	6.00
463	-0.9400	GY	0.00	6.00
464	-0.9400	GY	0.00	6.00
466	-0.9400	GY	0.00	3.00
487	-0.9400	GY	0.00	6.00
488	-0.9400	GY	0.00	6.00
489	-0.9400	GY	0.00	6.00
490	-0.9400	GY	0.00	6.00
491	-0.9400	GY	0.00	6.00
494	-0.9400	GY	0.00	6.00
495	-0.9400	GY	0.00	6.00
496	-0.9400	GY	0.00	6.00
497	-0.9400	GY	0.00	6.00
498	-0.9400	GY	0.00	6.00
519	-0.9400	GY	0.00	6.00
520	-0.9400	GY	0.00	6.00
521	-0.9400	GY	0.00	6.00
522	-0.9400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 20

523	-0.9400	GY	0.00	6.00
526	-0.9400	GY	0.00	6.00
527	-0.9400	GY	0.00	6.00
528	-0.9400	GY	0.00	6.00
529	-0.9400	GY	0.00	6.00
530	-0.9400	GY	0.00	6.00
551	-0.9400	GY	0.00	6.00
552	-0.9400	GY	0.00	6.00
553	-0.9400	GY	0.00	6.00
554	-0.9400	GY	0.00	6.00
555	-0.9400	GY	0.00	6.00
558	-0.9400	GY	0.00	6.00
559	-0.9400	GY	0.00	6.00
560	-0.9400	GY	0.00	6.00
561	-0.9400	GY	0.00	6.00
562	-0.9400	GY	0.00	6.00
572	-0.9400	GY	0.00	3.00
573	-0.9400	GY	0.00	3.00
593	-0.9400	GY	0.00	6.00
594	-0.9400	GY	0.00	6.00
595	-0.9400	GY	0.00	6.00
596	-0.9400	GY	0.00	6.00
597	-0.9400	GY	0.00	6.00
600	-0.9400	GY	0.00	6.00
601	-0.9400	GY	0.00	6.00
602	-0.9400	GY	0.00	6.00
603	-0.9400	GY	0.00	6.00
604	-0.9400	GY	0.00	6.00
606	-0.9400	GY	0.00	3.00
607	-0.9400	GY	0.00	3.00
627	-0.9400	GY	0.00	6.00
628	-0.9400	GY	0.00	6.00
629	-0.9400	GY	0.00	6.00
630	-0.9400	GY	0.00	6.00
631	-0.9400	GY	0.00	6.00
634	-0.9400	GY	0.00	6.00
635	-0.9400	GY	0.00	6.00
636	-0.9400	GY	0.00	6.00
637	-0.9400	GY	0.00	6.00
638	-0.9400	GY	0.00	6.00
665	-0.9400	GY	0.00	6.00
666	-0.9400	GY	0.00	6.00
667	-0.9400	GY	0.00	6.00
668	-0.9400	GY	0.00	6.00
669	-0.9400	GY	0.00	6.00
670	-0.9400	GY	0.00	6.00
671	-0.9400	GY	0.00	6.00
672	-0.9400	GY	0.00	6.00
673	-0.9400	GY	0.00	6.00
674	-0.9400	GY	0.00	6.00
675	-0.9400	GY	0.00	6.00
676	-0.9400	GY	0.00	6.00
677	-0.9400	GY	0.00	6.00
678	-0.9400	GY	0.00	6.00
702	-0.9400	GY	0.00	6.00
703	-0.9400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 21

704	-0.9400	GY	0.00	6.00
705	-0.9400	GY	0.00	6.00
706	-0.9400	GY	0.00	6.00
707	-0.9400	GY	0.00	6.00
708	-0.9400	GY	0.00	6.00
709	-0.9400	GY	0.00	6.00
710	-0.9400	GY	0.00	6.00
711	-0.9400	GY	0.00	6.00
712	-0.9400	GY	0.00	6.00
713	-0.9400	GY	0.00	6.00
714	-0.9400	GY	0.00	6.00
715	-0.9400	GY	0.00	6.00
723	-0.9400	GY	0.00	3.00

LOADING 3 LOADTYPE LIVE REDUCIBLE TITLE CV MAX

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
7	-0.2500	GY	0.00	6.00				
9	-0.2500	GY	0.00	6.00				
11	-0.2500	GY	0.00	6.00				
13	-0.2500	GY	0.00	6.00				
15	-0.2500	GY	0.00	6.00				
20	-0.2500	GY	0.00	0.25				
26	-0.2500	GY	0.00	2.00				
31	-0.2500	GY	0.00	6.00				
33	-0.2500	GY	0.00	6.00				
40	-0.2500	GY	0.00	2.00				
42	-0.2500	GY	0.00	2.00				
44	-0.2500	GY	0.00	2.00				
49	-0.2500	GY	0.00	6.00				
60	-0.2500	GY	0.00	2.00				
61	-0.2500	GY	0.00	2.00				
63	-0.2500	GY	0.00	6.00				
65	-0.2500	GY	0.00	6.00				
72	-0.2500	GY	0.00	2.00				
74	-0.2500	GY	0.00	2.00				
79	-0.2500	GY	0.00	6.00				
80	-0.2500	GY	0.00	6.00				
82	-0.2500	GY	0.00	2.00				
87	-0.2500	GY	0.00	6.00				
98	-0.2500	GY	0.00	2.00				
103	-0.2500	GY	0.00	6.00				
108	-0.2500	GY	0.00	6.00				
110	-0.2500	GY	0.00	6.00				
112	-0.2500	GY	0.00	6.00				
114	-0.2500	GY	0.00	2.00				
120	-0.2500	GY	0.00	2.00				
127	-0.2500	GY	0.00	2.00				
134	-0.2500	GY	0.00	2.00				
141	-0.2500	GY	0.00	2.00				

STAAD SPACE

-- PAGE NO. 22

148	-0.2500	GY	0.00	2.00
178	-0.2500	GY	0.00	2.00
182	-0.2500	GY	0.00	2.00
186	-0.2500	GY	0.00	2.00
190	-0.2500	GY	0.00	2.00
194	-0.2500	GY	0.00	2.00
203	-0.2500	GY	0.00	0.25
206	-0.2500	GY	0.00	0.25
212	-0.2500	GY	0.00	0.25
215	-0.2500	GY	0.00	0.25
258	-0.2500	GY	0.00	2.00
259	-0.2500	GY	0.00	2.00
262	-0.2500	GY	0.00	2.00
263	-0.2500	GY	0.00	2.00
268	-0.2500	GY	0.00	2.00
269	-0.2500	GY	0.00	2.00
272	-0.2500	GY	0.00	2.00
273	-0.2500	GY	0.00	2.00
298	-0.2500	GY	0.00	2.00
300	-0.2500	GY	0.00	2.00
302	-0.2500	GY	0.00	2.00
304	-0.2500	GY	0.00	2.00
306	-0.2500	GY	0.00	0.25
307	-0.2500	GY	0.00	0.25
308	-0.2500	GY	0.00	0.25
329	-0.2500	GY	0.00	2.00
331	-0.2500	GY	0.00	2.00
350	-0.2500	GY	0.00	1.75
352	-0.2500	GY	0.00	1.75
353	-0.2500	GY	0.00	2.00
354	-0.2500	GY	0.00	2.00
356	-0.2500	GY	0.00	1.75
358	-0.2500	GY	0.00	1.75
359	-0.2500	GY	0.00	2.00
360	-0.2500	GY	0.00	2.00
361	-0.2500	GY	0.00	2.00
363	-0.2500	GY	0.00	2.00
368	-0.2500	GY	0.00	1.75
370	-0.2500	GY	0.00	1.75
371	-0.2500	GY	0.00	2.00
372	-0.2500	GY	0.00	2.00
729	-0.2500	GY	0.00	4.50
730	-0.2500	GY	0.00	4.50
738	-0.2500	GY	0.00	1.75
739	-0.2500	GY	0.00	2.00
740	-0.2500	GY	0.00	1.75
741	-0.2500	GY	0.00	0.25
742	-0.2500	GY	0.00	1.75
743	-0.2500	GY	0.00	2.00
746	-0.2500	GY	0.00	0.25
747	-0.2500	GY	0.00	2.00
750	-0.2500	GY	0.00	1.75
751	-0.2500	GY	0.00	0.25
754	-0.2500	GY	0.00	2.00
757	-0.2500	GY	0.00	2.00
758	-0.2500	GY	0.00	1.75

STAAD SPACE

-- PAGE NO. 23

759	-0.2500	GY	0.00	0.25
760	-0.2500	GY	0.00	2.00
763	-0.2500	GY	0.00	2.00
764	-0.2500	GY	0.00	1.75
765	-0.2500	GY	0.00	0.25
768	-0.2500	GY	0.00	2.00
771	-0.2500	GY	0.00	2.00
772	-0.2500	GY	0.00	2.00
773	-0.2500	GY	0.00	2.00
774	-0.2500	GY	0.00	2.00
775	-0.2500	GY	0.00	2.00
778	-0.2500	GY	0.00	0.25
779	-0.2500	GY	0.00	0.25
780	-0.2500	GY	0.00	1.75
781	-0.2500	GY	0.00	1.75
782	-0.2500	GY	0.00	1.75
783	-0.2500	GY	0.00	0.25
784	-0.2500	GY	0.00	2.00
785	-0.2500	GY	0.00	2.00
786	-0.2500	GY	0.00	1.75
787	-0.2500	GY	0.00	0.25
788	-0.2500	GY	0.00	2.00
789	-0.2500	GY	0.00	2.00
790	-0.2500	GY	0.00	2.00
791	-0.2500	GY	0.00	1.75
794	-0.2500	GY	0.00	1.75
795	-0.2500	GY	0.00	0.25
796	-0.2500	GY	0.00	1.75
797	-0.2500	GY	0.00	0.25
798	-0.2500	GY	0.00	1.75
799	-0.2500	GY	0.00	0.25
804	-0.2500	GY	0.00	2.00
805	-0.2500	GY	0.00	2.00
806	-0.2500	GY	0.00	2.00
807	-0.2500	GY	0.00	2.00
22	-0.5000	GY	0.00	6.00
24	-0.5000	GY	0.00	6.00
25	-0.5000	GY	0.00	6.00
43	-0.5000	GY	0.00	6.00
59	-0.5000	GY	0.00	6.00
62	-0.5000	GY	0.00	6.00
75	-0.5000	GY	0.00	6.00
76	-0.5000	GY	0.00	6.00
77	-0.5000	GY	0.00	6.00
78	-0.5000	GY	0.00	6.00
81	-0.5000	GY	0.00	6.00
92	-0.5000	GY	0.00	6.00
94	-0.5000	GY	0.00	6.00
96	-0.5000	GY	0.00	6.00
97	-0.5000	GY	0.00	6.00
113	-0.5000	GY	0.00	6.00
124	-0.5000	GY	0.00	6.00
125	-0.5000	GY	0.00	6.00
126	-0.5000	GY	0.00	6.00
131	-0.5000	GY	0.00	6.00
132	-0.5000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 24

133	-0.5000	GY	0.00	6.00
138	-0.5000	GY	0.00	6.00
139	-0.5000	GY	0.00	6.00
140	-0.5000	GY	0.00	1.50
145	-0.5000	GY	0.00	6.00
146	-0.5000	GY	0.00	6.00
147	-0.5000	GY	0.00	1.50
152	-0.5000	GY	0.00	6.00
153	-0.5000	GY	0.00	6.00
154	-0.5000	GY	0.00	6.00
155	-0.5000	GY	0.00	6.00
160	-0.5000	GY	0.00	6.00
163	-0.5000	GY	0.00	6.00
166	-0.5000	GY	0.00	6.00
169	-0.5000	GY	0.00	6.00
174	-0.5000	GY	0.00	6.00
175	-0.5000	GY	0.00	6.00
176	-0.5000	GY	0.00	6.00
177	-0.5000	GY	0.00	6.00
198	-0.5000	GY	0.00	6.00
204	-0.5000	GY	0.00	6.00
205	-0.5000	GY	0.00	6.00
207	-0.5000	GY	0.00	6.00
208	-0.5000	GY	0.00	6.00
210	-0.5000	GY	0.00	6.00
211	-0.5000	GY	0.00	6.00
213	-0.5000	GY	0.00	6.00
214	-0.5000	GY	0.00	6.00
216	-0.5000	GY	0.00	6.00
217	-0.5000	GY	0.00	6.00
221	-0.5000	GY	0.00	6.00
223	-0.5000	GY	0.00	6.00
225	-0.5000	GY	0.00	6.00
227	-0.5000	GY	0.00	6.00
228	-0.5000	GY	0.00	6.00
229	-0.5000	GY	0.00	6.00
230	-0.5000	GY	0.00	6.00
231	-0.5000	GY	0.00	6.00
236	-0.5000	GY	0.00	6.00
237	-0.5000	GY	0.00	6.00
238	-0.5000	GY	0.00	6.00
239	-0.5000	GY	0.00	6.00
244	-0.5000	GY	0.00	6.00
245	-0.5000	GY	0.00	6.00
246	-0.5000	GY	0.00	6.00
247	-0.5000	GY	0.00	6.00
254	-0.5000	GY	0.00	2.00
255	-0.5000	GY	0.00	2.00
256	-0.5000	GY	0.00	6.00
257	-0.5000	GY	0.00	6.00
264	-0.5000	GY	0.00	6.00
265	-0.5000	GY	0.00	6.00
266	-0.5000	GY	0.00	6.00
267	-0.5000	GY	0.00	6.00
274	-0.5000	GY	0.00	6.00
275	-0.5000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 25

276	-0.5000	GY	0.00	6.00
277	-0.5000	GY	0.00	6.00
278	-0.5000	GY	0.00	6.00
279	-0.5000	GY	0.00	6.00
280	-0.5000	GY	0.00	6.00
281	-0.5000	GY	0.00	6.00
286	-0.5000	GY	0.00	6.00
287	-0.5000	GY	0.00	6.00
288	-0.5000	GY	0.00	6.00
289	-0.5000	GY	0.00	6.00
294	-0.5000	GY	0.00	6.00
295	-0.5000	GY	0.00	6.00
296	-0.5000	GY	0.00	6.00
297	-0.5000	GY	0.00	6.00
309	-0.5000	GY	0.00	6.00
310	-0.5000	GY	0.00	6.00
315	-0.5000	GY	0.00	6.00
316	-0.5000	GY	0.00	6.00
317	-0.5000	GY	0.00	6.00
318	-0.5000	GY	0.00	6.00
319	-0.5000	GY	0.00	6.00
324	-0.5000	GY	0.00	6.00
325	-0.5000	GY	0.00	6.00
326	-0.5000	GY	0.00	6.00
327	-0.5000	GY	0.00	6.00
328	-0.5000	GY	0.00	6.00
337	-0.5000	GY	0.00	6.00
338	-0.5000	GY	0.00	6.00
339	-0.5000	GY	0.00	6.00
340	-0.5000	GY	0.00	6.00
341	-0.5000	GY	0.00	6.00
342	-0.5000	GY	0.00	6.00
362	-0.5000	GY	0.00	2.00
364	-0.5000	GY	0.00	2.00
734	-0.5000	GY	0.00	1.50
744	-0.5000	GY	0.00	2.00
745	-0.5000	GY	0.00	2.00
755	-0.5000	GY	0.00	2.00
756	-0.5000	GY	0.00	2.00
761	-0.5000	GY	0.00	2.00
762	-0.5000	GY	0.00	2.00
769	-0.5000	GY	0.00	2.00
770	-0.5000	GY	0.00	2.00
800	-0.5000	GY	0.00	2.00
801	-0.5000	GY	0.00	2.00
802	-0.5000	GY	0.00	2.00
803	-0.5000	GY	0.00	2.00
436	-0.1000	GY	0.00	6.00
451	-0.1000	GY	0.00	6.00
452	-0.1000	GY	0.00	6.00
465	-0.1000	GY	0.00	3.00
486	-0.1000	GY	0.00	6.00
492	-0.1000	GY	0.00	6.00
493	-0.1000	GY	0.00	6.00
499	-0.1000	GY	0.00	6.00
518	-0.1000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 26

524	-0.1000	GY	0.00	6.00
525	-0.1000	GY	0.00	6.00
531	-0.1000	GY	0.00	6.00
550	-0.1000	GY	0.00	6.00
556	-0.1000	GY	0.00	6.00
557	-0.1000	GY	0.00	6.00
563	-0.1000	GY	0.00	6.00
592	-0.1000	GY	0.00	6.00
598	-0.1000	GY	0.00	3.00
599	-0.1000	GY	0.00	3.00
605	-0.1000	GY	0.00	6.00
626	-0.1000	GY	0.00	6.00
632	-0.1000	GY	0.00	6.00
633	-0.1000	GY	0.00	6.00
639	-0.1000	GY	0.00	6.00
664	-0.1000	GY	0.00	6.00
679	-0.1000	GY	0.00	6.00
701	-0.1000	GY	0.00	6.00
716	-0.1000	GY	0.00	6.00
724	-0.1000	GY	0.00	3.00
437	-0.2000	GY	0.00	6.00
438	-0.2000	GY	0.00	6.00
439	-0.2000	GY	0.00	6.00
440	-0.2000	GY	0.00	6.00
441	-0.2000	GY	0.00	6.00
442	-0.2000	GY	0.00	6.00
443	-0.2000	GY	0.00	6.00
444	-0.2000	GY	0.00	6.00
445	-0.2000	GY	0.00	6.00
446	-0.2000	GY	0.00	6.00
447	-0.2000	GY	0.00	6.00
448	-0.2000	GY	0.00	6.00
449	-0.2000	GY	0.00	6.00
450	-0.2000	GY	0.00	6.00
453	-0.2000	GY	0.00	6.00
454	-0.2000	GY	0.00	6.00
455	-0.2000	GY	0.00	6.00
456	-0.2000	GY	0.00	6.00
457	-0.2000	GY	0.00	6.00
458	-0.2000	GY	0.00	6.00
459	-0.2000	GY	0.00	6.00
460	-0.2000	GY	0.00	6.00
461	-0.2000	GY	0.00	6.00
462	-0.2000	GY	0.00	6.00
463	-0.2000	GY	0.00	6.00
464	-0.2000	GY	0.00	6.00
466	-0.2000	GY	0.00	3.00
487	-0.2000	GY	0.00	6.00
488	-0.2000	GY	0.00	6.00
489	-0.2000	GY	0.00	6.00
490	-0.2000	GY	0.00	6.00
491	-0.2000	GY	0.00	6.00
494	-0.2000	GY	0.00	6.00
495	-0.2000	GY	0.00	6.00
496	-0.2000	GY	0.00	6.00
497	-0.2000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 27

498	-0.2000	GY	0.00	6.00
519	-0.2000	GY	0.00	6.00
520	-0.2000	GY	0.00	6.00
521	-0.2000	GY	0.00	6.00
522	-0.2000	GY	0.00	6.00
523	-0.2000	GY	0.00	6.00
526	-0.2000	GY	0.00	6.00
527	-0.2000	GY	0.00	6.00
528	-0.2000	GY	0.00	6.00
529	-0.2000	GY	0.00	6.00
530	-0.2000	GY	0.00	6.00
551	-0.2000	GY	0.00	6.00
552	-0.2000	GY	0.00	6.00
553	-0.2000	GY	0.00	6.00
554	-0.2000	GY	0.00	6.00
555	-0.2000	GY	0.00	6.00
558	-0.2000	GY	0.00	6.00
559	-0.2000	GY	0.00	6.00
560	-0.2000	GY	0.00	6.00
561	-0.2000	GY	0.00	6.00
562	-0.2000	GY	0.00	6.00
572	-0.2000	GY	0.00	3.00
573	-0.2000	GY	0.00	3.00
593	-0.2000	GY	0.00	6.00
594	-0.2000	GY	0.00	6.00
595	-0.2000	GY	0.00	6.00
596	-0.2000	GY	0.00	6.00
597	-0.2000	GY	0.00	6.00
600	-0.2000	GY	0.00	6.00
601	-0.2000	GY	0.00	6.00
602	-0.2000	GY	0.00	6.00
603	-0.2000	GY	0.00	6.00
604	-0.2000	GY	0.00	6.00
606	-0.2000	GY	0.00	3.00
607	-0.2000	GY	0.00	3.00
627	-0.2000	GY	0.00	6.00
628	-0.2000	GY	0.00	6.00
629	-0.2000	GY	0.00	6.00
630	-0.2000	GY	0.00	6.00
631	-0.2000	GY	0.00	6.00
634	-0.2000	GY	0.00	6.00
635	-0.2000	GY	0.00	6.00
636	-0.2000	GY	0.00	6.00
637	-0.2000	GY	0.00	6.00
638	-0.2000	GY	0.00	6.00
665	-0.2000	GY	0.00	6.00
666	-0.2000	GY	0.00	6.00
667	-0.2000	GY	0.00	6.00
668	-0.2000	GY	0.00	6.00
669	-0.2000	GY	0.00	6.00
670	-0.2000	GY	0.00	6.00
671	-0.2000	GY	0.00	6.00
672	-0.2000	GY	0.00	6.00
673	-0.2000	GY	0.00	6.00
674	-0.2000	GY	0.00	6.00
675	-0.2000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 28

676	-0.2000	GY	0.00	6.00
677	-0.2000	GY	0.00	6.00
678	-0.2000	GY	0.00	6.00
702	-0.2000	GY	0.00	6.00
703	-0.2000	GY	0.00	6.00
704	-0.2000	GY	0.00	6.00
705	-0.2000	GY	0.00	6.00
706	-0.2000	GY	0.00	6.00
707	-0.2000	GY	0.00	6.00
708	-0.2000	GY	0.00	6.00
709	-0.2000	GY	0.00	6.00
710	-0.2000	GY	0.00	6.00
711	-0.2000	GY	0.00	6.00
712	-0.2000	GY	0.00	6.00
713	-0.2000	GY	0.00	6.00
714	-0.2000	GY	0.00	6.00
715	-0.2000	GY	0.00	6.00
723	-0.2000	GY	0.00	3.00

LOADING 4 LOADTYPE LIVE REDUCIBLE TITLE CV INST

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
7	-0.1800	GY	0.00				6.00
9	-0.1800	GY	0.00				6.00
11	-0.1800	GY	0.00				6.00
13	-0.1800	GY	0.00				6.00
15	-0.1800	GY	0.00				6.00
20	-0.1800	GY	0.00				0.25
26	-0.1800	GY	0.00				2.00
31	-0.1800	GY	0.00				6.00
33	-0.1800	GY	0.00				6.00
40	-0.1800	GY	0.00				2.00
42	-0.1800	GY	0.00				2.00
44	-0.1800	GY	0.00				2.00
49	-0.1800	GY	0.00				6.00
60	-0.1800	GY	0.00				2.00
61	-0.1800	GY	0.00				2.00
63	-0.1800	GY	0.00				6.00
65	-0.1800	GY	0.00				6.00
72	-0.1800	GY	0.00				2.00
74	-0.1800	GY	0.00				2.00
79	-0.1800	GY	0.00				6.00
80	-0.1800	GY	0.00				6.00
82	-0.1800	GY	0.00				2.00
87	-0.1800	GY	0.00				6.00
98	-0.1800	GY	0.00				2.00
103	-0.1800	GY	0.00				6.00
108	-0.1800	GY	0.00				6.00
110	-0.1800	GY	0.00				6.00
112	-0.1800	GY	0.00				6.00

STAAD SPACE

-- PAGE NO. 29

114	-0.1800	GY	0.00	2.00
120	-0.1800	GY	0.00	2.00
127	-0.1800	GY	0.00	2.00
134	-0.1800	GY	0.00	2.00
141	-0.1800	GY	0.00	2.00
148	-0.1800	GY	0.00	2.00
178	-0.1800	GY	0.00	2.00
182	-0.1800	GY	0.00	2.00
186	-0.1800	GY	0.00	2.00
190	-0.1800	GY	0.00	2.00
194	-0.1800	GY	0.00	2.00
203	-0.1800	GY	0.00	0.25
206	-0.1800	GY	0.00	0.25
212	-0.1800	GY	0.00	0.25
215	-0.1800	GY	0.00	0.25
258	-0.1800	GY	0.00	2.00
259	-0.1800	GY	0.00	2.00
262	-0.1800	GY	0.00	2.00
263	-0.1800	GY	0.00	2.00
268	-0.1800	GY	0.00	2.00
269	-0.1800	GY	0.00	2.00
272	-0.1800	GY	0.00	2.00
273	-0.1800	GY	0.00	2.00
298	-0.1800	GY	0.00	2.00
300	-0.1800	GY	0.00	2.00
302	-0.1800	GY	0.00	2.00
304	-0.1800	GY	0.00	2.00
306	-0.1800	GY	0.00	0.25
307	-0.1800	GY	0.00	0.25
308	-0.1800	GY	0.00	0.25
329	-0.1800	GY	0.00	2.00
331	-0.1800	GY	0.00	2.00
350	-0.1800	GY	0.00	1.75
352	-0.1800	GY	0.00	1.75
353	-0.1800	GY	0.00	2.00
354	-0.1800	GY	0.00	2.00
356	-0.1800	GY	0.00	1.75
358	-0.1800	GY	0.00	1.75
359	-0.1800	GY	0.00	2.00
360	-0.1800	GY	0.00	2.00
361	-0.1800	GY	0.00	2.00
363	-0.1800	GY	0.00	2.00
368	-0.1800	GY	0.00	1.75
370	-0.1800	GY	0.00	1.75
371	-0.1800	GY	0.00	2.00
372	-0.1800	GY	0.00	2.00
729	-0.1800	GY	0.00	4.50
730	-0.1800	GY	0.00	4.50
738	-0.1800	GY	0.00	1.75
739	-0.1800	GY	0.00	2.00
740	-0.1800	GY	0.00	1.75
741	-0.1800	GY	0.00	0.25
742	-0.1800	GY	0.00	1.75
743	-0.1800	GY	0.00	2.00
746	-0.1800	GY	0.00	0.25
747	-0.1800	GY	0.00	2.00

STAAD SPACE

-- PAGE NO. 30

750	-0.1800	GY	0.00	1.75
751	-0.1800	GY	0.00	0.25
754	-0.1800	GY	0.00	2.00
757	-0.1800	GY	0.00	2.00
758	-0.1800	GY	0.00	1.75
759	-0.1800	GY	0.00	0.25
760	-0.1800	GY	0.00	2.00
763	-0.1800	GY	0.00	2.00
764	-0.1800	GY	0.00	1.75
765	-0.1800	GY	0.00	0.25
768	-0.1800	GY	0.00	2.00
771	-0.1800	GY	0.00	2.00
772	-0.1800	GY	0.00	2.00
773	-0.1800	GY	0.00	2.00
774	-0.1800	GY	0.00	2.00
775	-0.1800	GY	0.00	2.00
778	-0.1800	GY	0.00	0.25
779	-0.1800	GY	0.00	0.25
780	-0.1800	GY	0.00	1.75
781	-0.1800	GY	0.00	1.75
782	-0.1800	GY	0.00	1.75
783	-0.1800	GY	0.00	0.25
784	-0.1800	GY	0.00	2.00
785	-0.1800	GY	0.00	2.00
786	-0.1800	GY	0.00	1.75
787	-0.1800	GY	0.00	0.25
788	-0.1800	GY	0.00	2.00
789	-0.1800	GY	0.00	2.00
790	-0.1800	GY	0.00	2.00
791	-0.1800	GY	0.00	1.75
794	-0.1800	GY	0.00	1.75
795	-0.1800	GY	0.00	0.25
796	-0.1800	GY	0.00	1.75
797	-0.1800	GY	0.00	0.25
798	-0.1800	GY	0.00	1.75
799	-0.1800	GY	0.00	0.25
804	-0.1800	GY	0.00	2.00
805	-0.1800	GY	0.00	2.00
806	-0.1800	GY	0.00	2.00
807	-0.1800	GY	0.00	2.00
22	-0.3600	GY	0.00	6.00
24	-0.3600	GY	0.00	6.00
25	-0.3600	GY	0.00	6.00
43	-0.3600	GY	0.00	6.00
59	-0.3600	GY	0.00	6.00
62	-0.3600	GY	0.00	6.00
75	-0.3600	GY	0.00	6.00
76	-0.3600	GY	0.00	6.00
77	-0.3600	GY	0.00	6.00
78	-0.3600	GY	0.00	6.00
81	-0.3600	GY	0.00	6.00
92	-0.3600	GY	0.00	6.00
94	-0.3600	GY	0.00	6.00
96	-0.3600	GY	0.00	6.00
97	-0.3600	GY	0.00	6.00
113	-0.3600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 31

124	-0.3600	GY	0.00	6.00
125	-0.3600	GY	0.00	6.00
126	-0.3600	GY	0.00	6.00
131	-0.3600	GY	0.00	6.00
132	-0.3600	GY	0.00	6.00
133	-0.3600	GY	0.00	6.00
138	-0.3600	GY	0.00	6.00
139	-0.3600	GY	0.00	6.00
140	-0.3600	GY	0.00	1.50
145	-0.3600	GY	0.00	6.00
146	-0.3600	GY	0.00	6.00
147	-0.3600	GY	0.00	1.50
152	-0.3600	GY	0.00	6.00
153	-0.3600	GY	0.00	6.00
154	-0.3600	GY	0.00	6.00
155	-0.3600	GY	0.00	6.00
160	-0.3600	GY	0.00	6.00
163	-0.3600	GY	0.00	6.00
166	-0.3600	GY	0.00	6.00
169	-0.3600	GY	0.00	6.00
174	-0.3600	GY	0.00	6.00
175	-0.3600	GY	0.00	6.00
176	-0.3600	GY	0.00	6.00
177	-0.3600	GY	0.00	6.00
198	-0.3600	GY	0.00	6.00
204	-0.3600	GY	0.00	6.00
205	-0.3600	GY	0.00	6.00
207	-0.3600	GY	0.00	6.00
208	-0.3600	GY	0.00	6.00
210	-0.3600	GY	0.00	6.00
211	-0.3600	GY	0.00	6.00
213	-0.3600	GY	0.00	6.00
214	-0.3600	GY	0.00	6.00
216	-0.3600	GY	0.00	6.00
217	-0.3600	GY	0.00	6.00
221	-0.3600	GY	0.00	6.00
223	-0.3600	GY	0.00	6.00
225	-0.3600	GY	0.00	6.00
227	-0.3600	GY	0.00	6.00
228	-0.3600	GY	0.00	6.00
229	-0.3600	GY	0.00	6.00
230	-0.3600	GY	0.00	6.00
231	-0.3600	GY	0.00	6.00
236	-0.3600	GY	0.00	6.00
237	-0.3600	GY	0.00	6.00
238	-0.3600	GY	0.00	6.00
239	-0.3600	GY	0.00	6.00
244	-0.3600	GY	0.00	6.00
245	-0.3600	GY	0.00	6.00
246	-0.3600	GY	0.00	6.00
247	-0.3600	GY	0.00	6.00
254	-0.3600	GY	0.00	2.00
255	-0.3600	GY	0.00	2.00
256	-0.3600	GY	0.00	6.00
257	-0.3600	GY	0.00	6.00
264	-0.3600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 32

265	-0.3600	GY	0.00	6.00
266	-0.3600	GY	0.00	6.00
267	-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	6.00
280	-0.3600	GY	0.00	6.00
281	-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	6.00
294	-0.3600	GY	0.00	6.00
295	-0.3600	GY	0.00	6.00
296	-0.3600	GY	0.00	6.00
297	-0.3600	GY	0.00	6.00
309	-0.3600	GY	0.00	6.00
310	-0.3600	GY	0.00	6.00
315	-0.3600	GY	0.00	6.00
316	-0.3600	GY	0.00	6.00
317	-0.3600	GY	0.00	6.00
318	-0.3600	GY	0.00	6.00
319	-0.3600	GY	0.00	6.00
324	-0.3600	GY	0.00	6.00
325	-0.3600	GY	0.00	6.00
326	-0.3600	GY	0.00	6.00
327	-0.3600	GY	0.00	6.00
328	-0.3600	GY	0.00	6.00
337	-0.3600	GY	0.00	6.00
338	-0.3600	GY	0.00	6.00
339	-0.3600	GY	0.00	6.00
340	-0.3600	GY	0.00	6.00
341	-0.3600	GY	0.00	6.00
342	-0.3600	GY	0.00	6.00
362	-0.3600	GY	0.00	2.00
364	-0.3600	GY	0.00	2.00
734	-0.3600	GY	0.00	1.50
744	-0.3600	GY	0.00	2.00
745	-0.3600	GY	0.00	2.00
755	-0.3600	GY	0.00	2.00
756	-0.3600	GY	0.00	2.00
761	-0.3600	GY	0.00	2.00
762	-0.3600	GY	0.00	2.00
769	-0.3600	GY	0.00	2.00
770	-0.3600	GY	0.00	2.00
800	-0.3600	GY	0.00	2.00
801	-0.3600	GY	0.00	2.00
802	-0.3600	GY	0.00	2.00
803	-0.3600	GY	0.00	2.00
436	-0.0700	GY	0.00	6.00
451	-0.0700	GY	0.00	6.00
452	-0.0700	GY	0.00	6.00
465	-0.0700	GY	0.00	3.00

STAAD SPACE

-- PAGE NO. 33

486	-0.0700	GY	0.00	6.00
492	-0.0700	GY	0.00	6.00
493	-0.0700	GY	0.00	6.00
499	-0.0700	GY	0.00	6.00
518	-0.0700	GY	0.00	6.00
524	-0.0700	GY	0.00	6.00
525	-0.0700	GY	0.00	6.00
531	-0.0700	GY	0.00	6.00
550	-0.0700	GY	0.00	6.00
556	-0.0700	GY	0.00	6.00
557	-0.0700	GY	0.00	6.00
563	-0.0700	GY	0.00	6.00
592	-0.0700	GY	0.00	6.00
598	-0.0700	GY	0.00	3.00
599	-0.0700	GY	0.00	3.00
605	-0.0700	GY	0.00	6.00
626	-0.0700	GY	0.00	6.00
632	-0.0700	GY	0.00	6.00
633	-0.0700	GY	0.00	6.00
639	-0.0700	GY	0.00	6.00
664	-0.0700	GY	0.00	6.00
679	-0.0700	GY	0.00	6.00
701	-0.0700	GY	0.00	6.00
716	-0.0700	GY	0.00	6.00
724	-0.0700	GY	0.00	3.00
437	-0.1400	GY	0.00	6.00
438	-0.1400	GY	0.00	6.00
439	-0.1400	GY	0.00	6.00
440	-0.1400	GY	0.00	6.00
441	-0.1400	GY	0.00	6.00
442	-0.1400	GY	0.00	6.00
443	-0.1400	GY	0.00	6.00
444	-0.1400	GY	0.00	6.00
445	-0.1400	GY	0.00	6.00
446	-0.1400	GY	0.00	6.00
447	-0.1400	GY	0.00	6.00
448	-0.1400	GY	0.00	6.00
449	-0.1400	GY	0.00	6.00
450	-0.1400	GY	0.00	6.00
453	-0.1400	GY	0.00	6.00
454	-0.1400	GY	0.00	6.00
455	-0.1400	GY	0.00	6.00
456	-0.1400	GY	0.00	6.00
457	-0.1400	GY	0.00	6.00
458	-0.1400	GY	0.00	6.00
459	-0.1400	GY	0.00	6.00
460	-0.1400	GY	0.00	6.00
461	-0.1400	GY	0.00	6.00
462	-0.1400	GY	0.00	6.00
463	-0.1400	GY	0.00	6.00
464	-0.1400	GY	0.00	6.00
466	-0.1400	GY	0.00	3.00
487	-0.1400	GY	0.00	6.00
488	-0.1400	GY	0.00	6.00
489	-0.1400	GY	0.00	6.00
490	-0.1400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 34

491	-0.1400	GY	0.00	6.00
494	-0.1400	GY	0.00	6.00
495	-0.1400	GY	0.00	6.00
496	-0.1400	GY	0.00	6.00
497	-0.1400	GY	0.00	6.00
498	-0.1400	GY	0.00	6.00
519	-0.1400	GY	0.00	6.00
520	-0.1400	GY	0.00	6.00
521	-0.1400	GY	0.00	6.00
522	-0.1400	GY	0.00	6.00
523	-0.1400	GY	0.00	6.00
526	-0.1400	GY	0.00	6.00
527	-0.1400	GY	0.00	6.00
528	-0.1400	GY	0.00	6.00
529	-0.1400	GY	0.00	6.00
530	-0.1400	GY	0.00	6.00
551	-0.1400	GY	0.00	6.00
552	-0.1400	GY	0.00	6.00
553	-0.1400	GY	0.00	6.00
554	-0.1400	GY	0.00	6.00
555	-0.1400	GY	0.00	6.00
558	-0.1400	GY	0.00	6.00
559	-0.1400	GY	0.00	6.00
560	-0.1400	GY	0.00	6.00
561	-0.1400	GY	0.00	6.00
562	-0.1400	GY	0.00	6.00
572	-0.1400	GY	0.00	3.00
573	-0.1400	GY	0.00	3.00
593	-0.1400	GY	0.00	6.00
594	-0.1400	GY	0.00	6.00
595	-0.1400	GY	0.00	6.00
596	-0.1400	GY	0.00	6.00
597	-0.1400	GY	0.00	6.00
600	-0.1400	GY	0.00	6.00
601	-0.1400	GY	0.00	6.00
602	-0.1400	GY	0.00	6.00
603	-0.1400	GY	0.00	6.00
604	-0.1400	GY	0.00	6.00
606	-0.1400	GY	0.00	3.00
607	-0.1400	GY	0.00	3.00
627	-0.1400	GY	0.00	6.00
628	-0.1400	GY	0.00	6.00
629	-0.1400	GY	0.00	6.00
630	-0.1400	GY	0.00	6.00
631	-0.1400	GY	0.00	6.00
634	-0.1400	GY	0.00	6.00
635	-0.1400	GY	0.00	6.00
636	-0.1400	GY	0.00	6.00
637	-0.1400	GY	0.00	6.00
638	-0.1400	GY	0.00	6.00
665	-0.1400	GY	0.00	6.00
666	-0.1400	GY	0.00	6.00
667	-0.1400	GY	0.00	6.00
668	-0.1400	GY	0.00	6.00
669	-0.1400	GY	0.00	6.00
670	-0.1400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 35

671	-0.1400	GY	0.00	6.00
672	-0.1400	GY	0.00	6.00
673	-0.1400	GY	0.00	6.00
674	-0.1400	GY	0.00	6.00
675	-0.1400	GY	0.00	6.00
676	-0.1400	GY	0.00	6.00
677	-0.1400	GY	0.00	6.00
678	-0.1400	GY	0.00	6.00
702	-0.1400	GY	0.00	6.00
703	-0.1400	GY	0.00	6.00
704	-0.1400	GY	0.00	6.00
705	-0.1400	GY	0.00	6.00
706	-0.1400	GY	0.00	6.00
707	-0.1400	GY	0.00	6.00
708	-0.1400	GY	0.00	6.00
709	-0.1400	GY	0.00	6.00
710	-0.1400	GY	0.00	6.00
711	-0.1400	GY	0.00	6.00
712	-0.1400	GY	0.00	6.00
713	-0.1400	GY	0.00	6.00
714	-0.1400	GY	0.00	6.00
715	-0.1400	GY	0.00	6.00
723	-0.1400	GY	0.00	3.00

LOADING 5 LOADTYPE DEAD TITLE EQUIPOS

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
528	-1.7000	GY	4.95	6.00			
529	-0.8020	GY	4.95	6.00			
560	-1.7000	GY	0.00	1.45			
561	-0.8020	GY	0.00	1.45			
528	-1.7000	GY	0.25	2.75			
529	-0.8020	GY	0.25	2.75			
560	-1.7000	GY	3.25	5.75			
561	-0.8020	GY	3.25	5.75			
676				-0.1900	GY	1.50	
677				-0.1900	GY	1.50	
676				-0.1900	GY	4.10	
677				-0.1900	GY	4.10	
456				-0.3000	GY	0.65	
457				-0.3000	GY	0.65	
462				-0.3000	GY	0.65	
463				-0.3000	GY	0.65	
456				-0.3000	GY	3.35	
457				-0.3000	GY	3.35	
462				-0.3000	GY	3.35	
463				-0.3000	GY	3.35	

STAAD SPACE

-- PAGE NO. 36

LOADING 6 LOADTYPE SEISMIC TITLE SISMO EN X

SELFWEIGHT X 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 208.685 MTON

SELFWEIGHT Y 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 208.685 MTON

SELFWEIGHT Z 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 208.685 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
7	0.4000 GX	0.00	6.00				
9	0.4000 GX	0.00	6.00				
11	0.4000 GX	0.00	6.00				
13	0.4000 GX	0.00	6.00				
15	0.4000 GX	0.00	6.00				
20	0.4000 GX	0.00	0.25				
26	0.4000 GX	0.00	2.00				
31	0.4000 GX	0.00	6.00				
33	0.4000 GX	0.00	6.00				
40	0.4000 GX	0.00	2.00				
42	0.4000 GX	0.00	2.00				
44	0.4000 GX	0.00	2.00				
49	0.4000 GX	0.00	6.00				
60	0.4000 GX	0.00	2.00				
61	0.4000 GX	0.00	2.00				
63	0.4000 GX	0.00	6.00				
65	0.4000 GX	0.00	6.00				
72	0.4000 GX	0.00	2.00				
74	0.4000 GX	0.00	2.00				
79	0.4000 GX	0.00	6.00				
80	0.4000 GX	0.00	6.00				
82	0.4000 GX	0.00	2.00				
87	0.4000 GX	0.00	6.00				
98	0.4000 GX	0.00	2.00				
103	0.4000 GX	0.00	6.00				
108	0.4000 GX	0.00	6.00				
110	0.4000 GX	0.00	6.00				
112	0.4000 GX	0.00	6.00				
114	0.4000 GX	0.00	2.00				
120	0.4000 GX	0.00	2.00				
127	0.4000 GX	0.00	2.00				
134	0.4000 GX	0.00	2.00				
141	0.4000 GX	0.00	2.00				
148	0.4000 GX	0.00	2.00				

STAAD SPACE

-- PAGE NO. 37

178	0.4000	GX	0.00	2.00
182	0.4000	GX	0.00	2.00
186	0.4000	GX	0.00	2.00
190	0.4000	GX	0.00	2.00
194	0.4000	GX	0.00	2.00
203	0.4000	GX	0.00	0.25
206	0.4000	GX	0.00	0.25
212	0.4000	GX	0.00	0.25
215	0.4000	GX	0.00	0.25
258	0.4000	GX	0.00	2.00
259	0.4000	GX	0.00	2.00
262	0.4000	GX	0.00	2.00
263	0.4000	GX	0.00	2.00
268	0.4000	GX	0.00	2.00
269	0.4000	GX	0.00	2.00
272	0.4000	GX	0.00	2.00
273	0.4000	GX	0.00	2.00
298	0.4000	GX	0.00	2.00
300	0.4000	GX	0.00	2.00
302	0.4000	GX	0.00	2.00
304	0.4000	GX	0.00	2.00
306	0.4000	GX	0.00	0.25
307	0.4000	GX	0.00	0.25
308	0.4000	GX	0.00	0.25
329	0.4000	GX	0.00	2.00
331	0.4000	GX	0.00	2.00
350	0.4000	GX	0.00	1.75
352	0.4000	GX	0.00	1.75
353	0.4000	GX	0.00	2.00
354	0.4000	GX	0.00	2.00
356	0.4000	GX	0.00	1.75
358	0.4000	GX	0.00	1.75
359	0.4000	GX	0.00	2.00
360	0.4000	GX	0.00	2.00
361	0.4000	GX	0.00	2.00
363	0.4000	GX	0.00	2.00
368	0.4000	GX	0.00	1.75
370	0.4000	GX	0.00	1.75
371	0.4000	GX	0.00	2.00
372	0.4000	GX	0.00	2.00
729	0.4000	GX	0.00	4.50
730	0.4000	GX	0.00	4.50
738	0.4000	GX	0.00	1.75
739	0.4000	GX	0.00	2.00
740	0.4000	GX	0.00	1.75
741	0.4000	GX	0.00	0.25
742	0.4000	GX	0.00	1.75
743	0.4000	GX	0.00	2.00
746	0.4000	GX	0.00	0.25
747	0.4000	GX	0.00	2.00
750	0.4000	GX	0.00	1.75
751	0.4000	GX	0.00	0.25
754	0.4000	GX	0.00	2.00
757	0.4000	GX	0.00	2.00
758	0.4000	GX	0.00	1.75
759	0.4000	GX	0.00	0.25

STAAD SPACE

-- PAGE NO. 38

760	0.4000	GX	0.00	2.00
763	0.4000	GX	0.00	2.00
764	0.4000	GX	0.00	1.75
765	0.4000	GX	0.00	0.25
768	0.4000	GX	0.00	2.00
771	0.4000	GX	0.00	2.00
772	0.4000	GX	0.00	2.00
773	0.4000	GX	0.00	2.00
774	0.4000	GX	0.00	2.00
775	0.4000	GX	0.00	2.00
778	0.4000	GX	0.00	0.25
779	0.4000	GX	0.00	0.25
780	0.4000	GX	0.00	1.75
781	0.4000	GX	0.00	1.75
782	0.4000	GX	0.00	1.75
783	0.4000	GX	0.00	0.25
784	0.4000	GX	0.00	2.00
785	0.4000	GX	0.00	2.00
786	0.4000	GX	0.00	1.75
787	0.4000	GX	0.00	0.25
788	0.4000	GX	0.00	2.00
789	0.4000	GX	0.00	2.00
790	0.4000	GX	0.00	2.00
791	0.4000	GX	0.00	1.75
794	0.4000	GX	0.00	1.75
795	0.4000	GX	0.00	0.25
796	0.4000	GX	0.00	1.75
797	0.4000	GX	0.00	0.25
798	0.4000	GX	0.00	1.75
799	0.4000	GX	0.00	0.25
804	0.4000	GX	0.00	2.00
805	0.4000	GX	0.00	2.00
806	0.4000	GX	0.00	2.00
807	0.4000	GX	0.00	2.00
22	0.8000	GX	0.00	6.00
24	0.8000	GX	0.00	6.00
25	0.8000	GX	0.00	6.00
43	0.8000	GX	0.00	6.00
59	0.8000	GX	0.00	6.00
62	0.8000	GX	0.00	6.00
75	0.8000	GX	0.00	6.00
76	0.8000	GX	0.00	6.00
77	0.8000	GX	0.00	6.00
78	0.8000	GX	0.00	6.00
81	0.8000	GX	0.00	6.00
92	0.8000	GX	0.00	6.00
94	0.8000	GX	0.00	6.00
96	0.8000	GX	0.00	6.00
97	0.8000	GX	0.00	6.00
113	0.8000	GX	0.00	6.00
124	0.8000	GX	0.00	6.00
125	0.8000	GX	0.00	6.00
126	0.8000	GX	0.00	6.00
131	0.8000	GX	0.00	6.00
132	0.8000	GX	0.00	6.00
133	0.8000	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 39

138	0.8000	GX	0.00	6.00
139	0.8000	GX	0.00	6.00
140	0.8000	GX	0.00	1.50
145	0.8000	GX	0.00	6.00
146	0.8000	GX	0.00	6.00
147	0.8000	GX	0.00	1.50
152	0.8000	GX	0.00	6.00
153	0.8000	GX	0.00	6.00
154	0.8000	GX	0.00	6.00
155	0.8000	GX	0.00	6.00
160	0.8000	GX	0.00	6.00
163	0.8000	GX	0.00	6.00
166	0.8000	GX	0.00	6.00
169	0.8000	GX	0.00	6.00
174	0.8000	GX	0.00	6.00
175	0.8000	GX	0.00	6.00
176	0.8000	GX	0.00	6.00
177	0.8000	GX	0.00	6.00
198	0.8000	GX	0.00	6.00
204	0.8000	GX	0.00	6.00
205	0.8000	GX	0.00	6.00
207	0.8000	GX	0.00	6.00
208	0.8000	GX	0.00	6.00
210	0.8000	GX	0.00	6.00
211	0.8000	GX	0.00	6.00
213	0.8000	GX	0.00	6.00
214	0.8000	GX	0.00	6.00
216	0.8000	GX	0.00	6.00
217	0.8000	GX	0.00	6.00
221	0.8000	GX	0.00	6.00
223	0.8000	GX	0.00	6.00
225	0.8000	GX	0.00	6.00
227	0.8000	GX	0.00	6.00
228	0.8000	GX	0.00	6.00
229	0.8000	GX	0.00	6.00
230	0.8000	GX	0.00	6.00
231	0.8000	GX	0.00	6.00
236	0.8000	GX	0.00	6.00
237	0.8000	GX	0.00	6.00
238	0.8000	GX	0.00	6.00
239	0.8000	GX	0.00	6.00
244	0.8000	GX	0.00	6.00
245	0.8000	GX	0.00	6.00
246	0.8000	GX	0.00	6.00
247	0.8000	GX	0.00	6.00
254	0.8000	GX	0.00	2.00
255	0.8000	GX	0.00	2.00
256	0.8000	GX	0.00	6.00
257	0.8000	GX	0.00	6.00
264	0.8000	GX	0.00	6.00
265	0.8000	GX	0.00	6.00
266	0.8000	GX	0.00	6.00
267	0.8000	GX	0.00	6.00
274	0.8000	GX	0.00	6.00
275	0.8000	GX	0.00	6.00
276	0.8000	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 40

277	0.8000	GX	0.00	6.00
278	0.8000	GX	0.00	6.00
279	0.8000	GX	0.00	6.00
280	0.8000	GX	0.00	6.00
281	0.8000	GX	0.00	6.00
286	0.8000	GX	0.00	6.00
287	0.8000	GX	0.00	6.00
288	0.8000	GX	0.00	6.00
289	0.8000	GX	0.00	6.00
294	0.8000	GX	0.00	6.00
295	0.8000	GX	0.00	6.00
296	0.8000	GX	0.00	6.00
297	0.8000	GX	0.00	6.00
309	0.8000	GX	0.00	6.00
310	0.8000	GX	0.00	6.00
315	0.8000	GX	0.00	6.00
316	0.8000	GX	0.00	6.00
317	0.8000	GX	0.00	6.00
318	0.8000	GX	0.00	6.00
319	0.8000	GX	0.00	6.00
324	0.8000	GX	0.00	6.00
325	0.8000	GX	0.00	6.00
326	0.8000	GX	0.00	6.00
327	0.8000	GX	0.00	6.00
328	0.8000	GX	0.00	6.00
337	0.8000	GX	0.00	6.00
338	0.8000	GX	0.00	6.00
339	0.8000	GX	0.00	6.00
340	0.8000	GX	0.00	6.00
341	0.8000	GX	0.00	6.00
342	0.8000	GX	0.00	6.00
362	0.8000	GX	0.00	2.00
364	0.8000	GX	0.00	2.00
734	0.8000	GX	0.00	1.50
744	0.8000	GX	0.00	2.00
745	0.8000	GX	0.00	2.00
755	0.8000	GX	0.00	2.00
756	0.8000	GX	0.00	2.00
761	0.8000	GX	0.00	2.00
762	0.8000	GX	0.00	2.00
769	0.8000	GX	0.00	2.00
770	0.8000	GX	0.00	2.00
800	0.8000	GX	0.00	2.00
801	0.8000	GX	0.00	2.00
802	0.8000	GX	0.00	2.00
803	0.8000	GX	0.00	2.00
436	0.4700	GX	0.00	6.00
451	0.4700	GX	0.00	6.00
452	0.4700	GX	0.00	6.00
465	0.4700	GX	0.00	3.00
486	0.4700	GX	0.00	6.00
492	0.4700	GX	0.00	6.00
493	0.4700	GX	0.00	6.00
499	0.4700	GX	0.00	6.00
518	0.4700	GX	0.00	6.00
524	0.4700	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 41

525	0.4700	GX	0.00	6.00
531	0.4700	GX	0.00	6.00
550	0.4700	GX	0.00	6.00
556	0.4700	GX	0.00	6.00
557	0.4700	GX	0.00	6.00
563	0.4700	GX	0.00	6.00
592	0.4700	GX	0.00	6.00
598	0.4700	GX	0.00	3.00
599	0.4700	GX	0.00	3.00
605	0.4700	GX	0.00	6.00
626	0.4700	GX	0.00	6.00
632	0.4700	GX	0.00	6.00
633	0.4700	GX	0.00	6.00
639	0.4700	GX	0.00	6.00
664	0.4700	GX	0.00	6.00
679	0.4700	GX	0.00	6.00
701	0.4700	GX	0.00	6.00
716	0.4700	GX	0.00	6.00
724	0.4700	GX	0.00	3.00
437	0.9400	GX	0.00	6.00
438	0.9400	GX	0.00	6.00
439	0.9400	GX	0.00	6.00
440	0.9400	GX	0.00	6.00
441	0.9400	GX	0.00	6.00
442	0.9400	GX	0.00	6.00
443	0.9400	GX	0.00	6.00
444	0.9400	GX	0.00	6.00
445	0.9400	GX	0.00	6.00
446	0.9400	GX	0.00	6.00
447	0.9400	GX	0.00	6.00
448	0.9400	GX	0.00	6.00
449	0.9400	GX	0.00	6.00
450	0.9400	GX	0.00	6.00
453	0.9400	GX	0.00	6.00
454	0.9400	GX	0.00	6.00
455	0.9400	GX	0.00	6.00
456	0.9400	GX	0.00	6.00
457	0.9400	GX	0.00	6.00
458	0.9400	GX	0.00	6.00
459	0.9400	GX	0.00	6.00
460	0.9400	GX	0.00	6.00
461	0.9400	GX	0.00	6.00
462	0.9400	GX	0.00	6.00
463	0.9400	GX	0.00	6.00
464	0.9400	GX	0.00	6.00
466	0.9400	GX	0.00	3.00
487	0.9400	GX	0.00	6.00
488	0.9400	GX	0.00	6.00
489	0.9400	GX	0.00	6.00
490	0.9400	GX	0.00	6.00
491	0.9400	GX	0.00	6.00
494	0.9400	GX	0.00	6.00
495	0.9400	GX	0.00	6.00
496	0.9400	GX	0.00	6.00
497	0.9400	GX	0.00	6.00
498	0.9400	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 42

519	0.9400	GX	0.00	6.00
520	0.9400	GX	0.00	6.00
521	0.9400	GX	0.00	6.00
522	0.9400	GX	0.00	6.00
523	0.9400	GX	0.00	6.00
526	0.9400	GX	0.00	6.00
527	0.9400	GX	0.00	6.00
528	0.9400	GX	0.00	6.00
529	0.9400	GX	0.00	6.00
530	0.9400	GX	0.00	6.00
551	0.9400	GX	0.00	6.00
552	0.9400	GX	0.00	6.00
553	0.9400	GX	0.00	6.00
554	0.9400	GX	0.00	6.00
555	0.9400	GX	0.00	6.00
558	0.9400	GX	0.00	6.00
559	0.9400	GX	0.00	6.00
560	0.9400	GX	0.00	6.00
561	0.9400	GX	0.00	6.00
562	0.9400	GX	0.00	6.00
572	0.9400	GX	0.00	3.00
573	0.9400	GX	0.00	3.00
593	0.9400	GX	0.00	6.00
594	0.9400	GX	0.00	6.00
595	0.9400	GX	0.00	6.00
596	0.9400	GX	0.00	6.00
597	0.9400	GX	0.00	6.00
600	0.9400	GX	0.00	6.00
601	0.9400	GX	0.00	6.00
602	0.9400	GX	0.00	6.00
603	0.9400	GX	0.00	6.00
604	0.9400	GX	0.00	6.00
606	0.9400	GX	0.00	3.00
607	0.9400	GX	0.00	3.00
627	0.9400	GX	0.00	6.00
628	0.9400	GX	0.00	6.00
629	0.9400	GX	0.00	6.00
630	0.9400	GX	0.00	6.00
631	0.9400	GX	0.00	6.00
634	0.9400	GX	0.00	6.00
635	0.9400	GX	0.00	6.00
636	0.9400	GX	0.00	6.00
637	0.9400	GX	0.00	6.00
638	0.9400	GX	0.00	6.00
665	0.9400	GX	0.00	6.00
666	0.9400	GX	0.00	6.00
667	0.9400	GX	0.00	6.00
668	0.9400	GX	0.00	6.00
669	0.9400	GX	0.00	6.00
670	0.9400	GX	0.00	6.00
671	0.9400	GX	0.00	6.00
672	0.9400	GX	0.00	6.00
673	0.9400	GX	0.00	6.00
674	0.9400	GX	0.00	6.00
675	0.9400	GX	0.00	6.00
676	0.9400	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 43

677	0.9400	GX	0.00	6.00
678	0.9400	GX	0.00	6.00
702	0.9400	GX	0.00	6.00
703	0.9400	GX	0.00	6.00
704	0.9400	GX	0.00	6.00
705	0.9400	GX	0.00	6.00
706	0.9400	GX	0.00	6.00
707	0.9400	GX	0.00	6.00
708	0.9400	GX	0.00	6.00
709	0.9400	GX	0.00	6.00
710	0.9400	GX	0.00	6.00
711	0.9400	GX	0.00	6.00
712	0.9400	GX	0.00	6.00
713	0.9400	GX	0.00	6.00
714	0.9400	GX	0.00	6.00
715	0.9400	GX	0.00	6.00
723	0.9400	GX	0.00	3.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
7	0.4000	GY	0.00	6.00				
9	0.4000	GY	0.00	6.00				
11	0.4000	GY	0.00	6.00				
13	0.4000	GY	0.00	6.00				
15	0.4000	GY	0.00	6.00				
20	0.4000	GY	0.00	0.25				
26	0.4000	GY	0.00	2.00				
31	0.4000	GY	0.00	6.00				
33	0.4000	GY	0.00	6.00				
40	0.4000	GY	0.00	2.00				
42	0.4000	GY	0.00	2.00				
44	0.4000	GY	0.00	2.00				
49	0.4000	GY	0.00	6.00				
60	0.4000	GY	0.00	2.00				
61	0.4000	GY	0.00	2.00				
63	0.4000	GY	0.00	6.00				
65	0.4000	GY	0.00	6.00				
72	0.4000	GY	0.00	2.00				
74	0.4000	GY	0.00	2.00				
79	0.4000	GY	0.00	6.00				
80	0.4000	GY	0.00	6.00				
82	0.4000	GY	0.00	2.00				
87	0.4000	GY	0.00	6.00				
98	0.4000	GY	0.00	2.00				
103	0.4000	GY	0.00	6.00				
108	0.4000	GY	0.00	6.00				
110	0.4000	GY	0.00	6.00				
112	0.4000	GY	0.00	6.00				
114	0.4000	GY	0.00	2.00				
120	0.4000	GY	0.00	2.00				
127	0.4000	GY	0.00	2.00				
134	0.4000	GY	0.00	2.00				
141	0.4000	GY	0.00	2.00				

STAAD SPACE

-- PAGE NO. 44

148	0.4000	GY	0.00	2.00
178	0.4000	GY	0.00	2.00
182	0.4000	GY	0.00	2.00
186	0.4000	GY	0.00	2.00
190	0.4000	GY	0.00	2.00
194	0.4000	GY	0.00	2.00
203	0.4000	GY	0.00	0.25
206	0.4000	GY	0.00	0.25
212	0.4000	GY	0.00	0.25
215	0.4000	GY	0.00	0.25
258	0.4000	GY	0.00	2.00
259	0.4000	GY	0.00	2.00
262	0.4000	GY	0.00	2.00
263	0.4000	GY	0.00	2.00
268	0.4000	GY	0.00	2.00
269	0.4000	GY	0.00	2.00
272	0.4000	GY	0.00	2.00
273	0.4000	GY	0.00	2.00
298	0.4000	GY	0.00	2.00
300	0.4000	GY	0.00	2.00
302	0.4000	GY	0.00	2.00
304	0.4000	GY	0.00	2.00
306	0.4000	GY	0.00	0.25
307	0.4000	GY	0.00	0.25
308	0.4000	GY	0.00	0.25
329	0.4000	GY	0.00	2.00
331	0.4000	GY	0.00	2.00
350	0.4000	GY	0.00	1.75
352	0.4000	GY	0.00	1.75
353	0.4000	GY	0.00	2.00
354	0.4000	GY	0.00	2.00
356	0.4000	GY	0.00	1.75
358	0.4000	GY	0.00	1.75
359	0.4000	GY	0.00	2.00
360	0.4000	GY	0.00	2.00
361	0.4000	GY	0.00	2.00
363	0.4000	GY	0.00	2.00
368	0.4000	GY	0.00	1.75
370	0.4000	GY	0.00	1.75
371	0.4000	GY	0.00	2.00
372	0.4000	GY	0.00	2.00
729	0.4000	GY	0.00	4.50
730	0.4000	GY	0.00	4.50
738	0.4000	GY	0.00	1.75
739	0.4000	GY	0.00	2.00
740	0.4000	GY	0.00	1.75
741	0.4000	GY	0.00	0.25
742	0.4000	GY	0.00	1.75
743	0.4000	GY	0.00	2.00
746	0.4000	GY	0.00	0.25
747	0.4000	GY	0.00	2.00
750	0.4000	GY	0.00	1.75
751	0.4000	GY	0.00	0.25
754	0.4000	GY	0.00	2.00
757	0.4000	GY	0.00	2.00
758	0.4000	GY	0.00	1.75

STAAD SPACE

-- PAGE NO. 45

759	0.4000	GY	0.00	0.25
760	0.4000	GY	0.00	2.00
763	0.4000	GY	0.00	2.00
764	0.4000	GY	0.00	1.75
765	0.4000	GY	0.00	0.25
768	0.4000	GY	0.00	2.00
771	0.4000	GY	0.00	2.00
772	0.4000	GY	0.00	2.00
773	0.4000	GY	0.00	2.00
774	0.4000	GY	0.00	2.00
775	0.4000	GY	0.00	2.00
778	0.4000	GY	0.00	0.25
779	0.4000	GY	0.00	0.25
780	0.4000	GY	0.00	1.75
781	0.4000	GY	0.00	1.75
782	0.4000	GY	0.00	1.75
783	0.4000	GY	0.00	0.25
784	0.4000	GY	0.00	2.00
785	0.4000	GY	0.00	2.00
786	0.4000	GY	0.00	1.75
787	0.4000	GY	0.00	0.25
788	0.4000	GY	0.00	2.00
789	0.4000	GY	0.00	2.00
790	0.4000	GY	0.00	2.00
791	0.4000	GY	0.00	1.75
794	0.4000	GY	0.00	1.75
795	0.4000	GY	0.00	0.25
796	0.4000	GY	0.00	1.75
797	0.4000	GY	0.00	0.25
798	0.4000	GY	0.00	1.75
799	0.4000	GY	0.00	0.25
804	0.4000	GY	0.00	2.00
805	0.4000	GY	0.00	2.00
806	0.4000	GY	0.00	2.00
807	0.4000	GY	0.00	2.00
22	0.8000	GY	0.00	6.00
24	0.8000	GY	0.00	6.00
25	0.8000	GY	0.00	6.00
43	0.8000	GY	0.00	6.00
59	0.8000	GY	0.00	6.00
62	0.8000	GY	0.00	6.00
75	0.8000	GY	0.00	6.00
76	0.8000	GY	0.00	6.00
77	0.8000	GY	0.00	6.00
78	0.8000	GY	0.00	6.00
81	0.8000	GY	0.00	6.00
92	0.8000	GY	0.00	6.00
94	0.8000	GY	0.00	6.00
96	0.8000	GY	0.00	6.00
97	0.8000	GY	0.00	6.00
113	0.8000	GY	0.00	6.00
124	0.8000	GY	0.00	6.00
125	0.8000	GY	0.00	6.00
126	0.8000	GY	0.00	6.00
131	0.8000	GY	0.00	6.00
132	0.8000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 46

133	0.8000	GY	0.00	6.00
138	0.8000	GY	0.00	6.00
139	0.8000	GY	0.00	6.00
140	0.8000	GY	0.00	1.50
145	0.8000	GY	0.00	6.00
146	0.8000	GY	0.00	6.00
147	0.8000	GY	0.00	1.50
152	0.8000	GY	0.00	6.00
153	0.8000	GY	0.00	6.00
154	0.8000	GY	0.00	6.00
155	0.8000	GY	0.00	6.00
160	0.8000	GY	0.00	6.00
163	0.8000	GY	0.00	6.00
166	0.8000	GY	0.00	6.00
169	0.8000	GY	0.00	6.00
174	0.8000	GY	0.00	6.00
175	0.8000	GY	0.00	6.00
176	0.8000	GY	0.00	6.00
177	0.8000	GY	0.00	6.00
198	0.8000	GY	0.00	6.00
204	0.8000	GY	0.00	6.00
205	0.8000	GY	0.00	6.00
207	0.8000	GY	0.00	6.00
208	0.8000	GY	0.00	6.00
210	0.8000	GY	0.00	6.00
211	0.8000	GY	0.00	6.00
213	0.8000	GY	0.00	6.00
214	0.8000	GY	0.00	6.00
216	0.8000	GY	0.00	6.00
217	0.8000	GY	0.00	6.00
221	0.8000	GY	0.00	6.00
223	0.8000	GY	0.00	6.00
225	0.8000	GY	0.00	6.00
227	0.8000	GY	0.00	6.00
228	0.8000	GY	0.00	6.00
229	0.8000	GY	0.00	6.00
230	0.8000	GY	0.00	6.00
231	0.8000	GY	0.00	6.00
236	0.8000	GY	0.00	6.00
237	0.8000	GY	0.00	6.00
238	0.8000	GY	0.00	6.00
239	0.8000	GY	0.00	6.00
244	0.8000	GY	0.00	6.00
245	0.8000	GY	0.00	6.00
246	0.8000	GY	0.00	6.00
247	0.8000	GY	0.00	6.00
254	0.8000	GY	0.00	2.00
255	0.8000	GY	0.00	2.00
256	0.8000	GY	0.00	6.00
257	0.8000	GY	0.00	6.00
264	0.8000	GY	0.00	6.00
265	0.8000	GY	0.00	6.00
266	0.8000	GY	0.00	6.00
267	0.8000	GY	0.00	6.00
274	0.8000	GY	0.00	6.00
275	0.8000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 47

276	0.8000	GY	0.00	6.00
277	0.8000	GY	0.00	6.00
278	0.8000	GY	0.00	6.00
279	0.8000	GY	0.00	6.00
280	0.8000	GY	0.00	6.00
281	0.8000	GY	0.00	6.00
286	0.8000	GY	0.00	6.00
287	0.8000	GY	0.00	6.00
288	0.8000	GY	0.00	6.00
289	0.8000	GY	0.00	6.00
294	0.8000	GY	0.00	6.00
295	0.8000	GY	0.00	6.00
296	0.8000	GY	0.00	6.00
297	0.8000	GY	0.00	6.00
309	0.8000	GY	0.00	6.00
310	0.8000	GY	0.00	6.00
315	0.8000	GY	0.00	6.00
316	0.8000	GY	0.00	6.00
317	0.8000	GY	0.00	6.00
318	0.8000	GY	0.00	6.00
319	0.8000	GY	0.00	6.00
324	0.8000	GY	0.00	6.00
325	0.8000	GY	0.00	6.00
326	0.8000	GY	0.00	6.00
327	0.8000	GY	0.00	6.00
328	0.8000	GY	0.00	6.00
337	0.8000	GY	0.00	6.00
338	0.8000	GY	0.00	6.00
339	0.8000	GY	0.00	6.00
340	0.8000	GY	0.00	6.00
341	0.8000	GY	0.00	6.00
342	0.8000	GY	0.00	6.00
362	0.8000	GY	0.00	2.00
364	0.8000	GY	0.00	2.00
734	0.8000	GY	0.00	1.50
744	0.8000	GY	0.00	2.00
745	0.8000	GY	0.00	2.00
755	0.8000	GY	0.00	2.00
756	0.8000	GY	0.00	2.00
761	0.8000	GY	0.00	2.00
762	0.8000	GY	0.00	2.00
769	0.8000	GY	0.00	2.00
770	0.8000	GY	0.00	2.00
800	0.8000	GY	0.00	2.00
801	0.8000	GY	0.00	2.00
802	0.8000	GY	0.00	2.00
803	0.8000	GY	0.00	2.00
436	0.4700	GY	0.00	6.00
451	0.4700	GY	0.00	6.00
452	0.4700	GY	0.00	6.00
465	0.4700	GY	0.00	3.00
486	0.4700	GY	0.00	6.00
492	0.4700	GY	0.00	6.00
493	0.4700	GY	0.00	6.00
499	0.4700	GY	0.00	6.00
518	0.4700	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 48

524	0.4700	GY	0.00	6.00
525	0.4700	GY	0.00	6.00
531	0.4700	GY	0.00	6.00
550	0.4700	GY	0.00	6.00
556	0.4700	GY	0.00	6.00
557	0.4700	GY	0.00	6.00
563	0.4700	GY	0.00	6.00
592	0.4700	GY	0.00	6.00
598	0.4700	GY	0.00	3.00
599	0.4700	GY	0.00	3.00
605	0.4700	GY	0.00	6.00
626	0.4700	GY	0.00	6.00
632	0.4700	GY	0.00	6.00
633	0.4700	GY	0.00	6.00
639	0.4700	GY	0.00	6.00
664	0.4700	GY	0.00	6.00
679	0.4700	GY	0.00	6.00
701	0.4700	GY	0.00	6.00
716	0.4700	GY	0.00	6.00
724	0.4700	GY	0.00	3.00
437	0.9400	GY	0.00	6.00
438	0.9400	GY	0.00	6.00
439	0.9400	GY	0.00	6.00
440	0.9400	GY	0.00	6.00
441	0.9400	GY	0.00	6.00
442	0.9400	GY	0.00	6.00
443	0.9400	GY	0.00	6.00
444	0.9400	GY	0.00	6.00
445	0.9400	GY	0.00	6.00
446	0.9400	GY	0.00	6.00
447	0.9400	GY	0.00	6.00
448	0.9400	GY	0.00	6.00
449	0.9400	GY	0.00	6.00
450	0.9400	GY	0.00	6.00
453	0.9400	GY	0.00	6.00
454	0.9400	GY	0.00	6.00
455	0.9400	GY	0.00	6.00
456	0.9400	GY	0.00	6.00
457	0.9400	GY	0.00	6.00
458	0.9400	GY	0.00	6.00
459	0.9400	GY	0.00	6.00
460	0.9400	GY	0.00	6.00
461	0.9400	GY	0.00	6.00
462	0.9400	GY	0.00	6.00
463	0.9400	GY	0.00	6.00
464	0.9400	GY	0.00	6.00
466	0.9400	GY	0.00	3.00
487	0.9400	GY	0.00	6.00
488	0.9400	GY	0.00	6.00
489	0.9400	GY	0.00	6.00
490	0.9400	GY	0.00	6.00
491	0.9400	GY	0.00	6.00
494	0.9400	GY	0.00	6.00
495	0.9400	GY	0.00	6.00
496	0.9400	GY	0.00	6.00
497	0.9400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 49

498	0.9400	GY	0.00	6.00
519	0.9400	GY	0.00	6.00
520	0.9400	GY	0.00	6.00
521	0.9400	GY	0.00	6.00
522	0.9400	GY	0.00	6.00
523	0.9400	GY	0.00	6.00
526	0.9400	GY	0.00	6.00
527	0.9400	GY	0.00	6.00
528	0.9400	GY	0.00	6.00
529	0.9400	GY	0.00	6.00
530	0.9400	GY	0.00	6.00
551	0.9400	GY	0.00	6.00
552	0.9400	GY	0.00	6.00
553	0.9400	GY	0.00	6.00
554	0.9400	GY	0.00	6.00
555	0.9400	GY	0.00	6.00
558	0.9400	GY	0.00	6.00
559	0.9400	GY	0.00	6.00
560	0.9400	GY	0.00	6.00
561	0.9400	GY	0.00	6.00
562	0.9400	GY	0.00	6.00
572	0.9400	GY	0.00	3.00
573	0.9400	GY	0.00	3.00
593	0.9400	GY	0.00	6.00
594	0.9400	GY	0.00	6.00
595	0.9400	GY	0.00	6.00
596	0.9400	GY	0.00	6.00
597	0.9400	GY	0.00	6.00
600	0.9400	GY	0.00	6.00
601	0.9400	GY	0.00	6.00
602	0.9400	GY	0.00	6.00
603	0.9400	GY	0.00	6.00
604	0.9400	GY	0.00	6.00
606	0.9400	GY	0.00	3.00
607	0.9400	GY	0.00	3.00
627	0.9400	GY	0.00	6.00
628	0.9400	GY	0.00	6.00
629	0.9400	GY	0.00	6.00
630	0.9400	GY	0.00	6.00
631	0.9400	GY	0.00	6.00
634	0.9400	GY	0.00	6.00
635	0.9400	GY	0.00	6.00
636	0.9400	GY	0.00	6.00
637	0.9400	GY	0.00	6.00
638	0.9400	GY	0.00	6.00
665	0.9400	GY	0.00	6.00
666	0.9400	GY	0.00	6.00
667	0.9400	GY	0.00	6.00
668	0.9400	GY	0.00	6.00
669	0.9400	GY	0.00	6.00
670	0.9400	GY	0.00	6.00
671	0.9400	GY	0.00	6.00
672	0.9400	GY	0.00	6.00
673	0.9400	GY	0.00	6.00
674	0.9400	GY	0.00	6.00
675	0.9400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 50

676	0.9400	GY	0.00	6.00
677	0.9400	GY	0.00	6.00
678	0.9400	GY	0.00	6.00
702	0.9400	GY	0.00	6.00
703	0.9400	GY	0.00	6.00
704	0.9400	GY	0.00	6.00
705	0.9400	GY	0.00	6.00
706	0.9400	GY	0.00	6.00
707	0.9400	GY	0.00	6.00
708	0.9400	GY	0.00	6.00
709	0.9400	GY	0.00	6.00
710	0.9400	GY	0.00	6.00
711	0.9400	GY	0.00	6.00
712	0.9400	GY	0.00	6.00
713	0.9400	GY	0.00	6.00
714	0.9400	GY	0.00	6.00
715	0.9400	GY	0.00	6.00
723	0.9400	GY	0.00	3.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
7	0.4000	GZ	0.00	6.00			
9	0.4000	GZ	0.00	6.00			
11	0.4000	GZ	0.00	6.00			
13	0.4000	GZ	0.00	6.00			
15	0.4000	GZ	0.00	6.00			
20	0.4000	GZ	0.00	0.25			
26	0.4000	GZ	0.00	2.00			
31	0.4000	GZ	0.00	6.00			
33	0.4000	GZ	0.00	6.00			
40	0.4000	GZ	0.00	2.00			
42	0.4000	GZ	0.00	2.00			
44	0.4000	GZ	0.00	2.00			
49	0.4000	GZ	0.00	6.00			
60	0.4000	GZ	0.00	2.00			
61	0.4000	GZ	0.00	2.00			
63	0.4000	GZ	0.00	6.00			
65	0.4000	GZ	0.00	6.00			
72	0.4000	GZ	0.00	2.00			
74	0.4000	GZ	0.00	2.00			
79	0.4000	GZ	0.00	6.00			
80	0.4000	GZ	0.00	6.00			
82	0.4000	GZ	0.00	2.00			
87	0.4000	GZ	0.00	6.00			
98	0.4000	GZ	0.00	2.00			
103	0.4000	GZ	0.00	6.00			
108	0.4000	GZ	0.00	6.00			
110	0.4000	GZ	0.00	6.00			
112	0.4000	GZ	0.00	6.00			
114	0.4000	GZ	0.00	2.00			
120	0.4000	GZ	0.00	2.00			
127	0.4000	GZ	0.00	2.00			
134	0.4000	GZ	0.00	2.00			

STAAD SPACE

-- PAGE NO. 51

141	0.4000	GZ	0.00	2.00
148	0.4000	GZ	0.00	2.00
178	0.4000	GZ	0.00	2.00
182	0.4000	GZ	0.00	2.00
186	0.4000	GZ	0.00	2.00
190	0.4000	GZ	0.00	2.00
194	0.4000	GZ	0.00	2.00
203	0.4000	GZ	0.00	0.25
206	0.4000	GZ	0.00	0.25
212	0.4000	GZ	0.00	0.25
215	0.4000	GZ	0.00	0.25
258	0.4000	GZ	0.00	2.00
259	0.4000	GZ	0.00	2.00
262	0.4000	GZ	0.00	2.00
263	0.4000	GZ	0.00	2.00
268	0.4000	GZ	0.00	2.00
269	0.4000	GZ	0.00	2.00
272	0.4000	GZ	0.00	2.00
273	0.4000	GZ	0.00	2.00
298	0.4000	GZ	0.00	2.00
300	0.4000	GZ	0.00	2.00
302	0.4000	GZ	0.00	2.00
304	0.4000	GZ	0.00	2.00
306	0.4000	GZ	0.00	0.25
307	0.4000	GZ	0.00	0.25
308	0.4000	GZ	0.00	0.25
329	0.4000	GZ	0.00	2.00
331	0.4000	GZ	0.00	2.00
350	0.4000	GZ	0.00	1.75
352	0.4000	GZ	0.00	1.75
353	0.4000	GZ	0.00	2.00
354	0.4000	GZ	0.00	2.00
356	0.4000	GZ	0.00	1.75
358	0.4000	GZ	0.00	1.75
359	0.4000	GZ	0.00	2.00
360	0.4000	GZ	0.00	2.00
361	0.4000	GZ	0.00	2.00
363	0.4000	GZ	0.00	2.00
368	0.4000	GZ	0.00	1.75
370	0.4000	GZ	0.00	1.75
371	0.4000	GZ	0.00	2.00
372	0.4000	GZ	0.00	2.00
729	0.4000	GZ	0.00	4.50
730	0.4000	GZ	0.00	4.50
738	0.4000	GZ	0.00	1.75
739	0.4000	GZ	0.00	2.00
740	0.4000	GZ	0.00	1.75
741	0.4000	GZ	0.00	0.25
742	0.4000	GZ	0.00	1.75
743	0.4000	GZ	0.00	2.00
746	0.4000	GZ	0.00	0.25
747	0.4000	GZ	0.00	2.00
750	0.4000	GZ	0.00	1.75
751	0.4000	GZ	0.00	0.25
754	0.4000	GZ	0.00	2.00
757	0.4000	GZ	0.00	2.00

STAAD SPACE

-- PAGE NO. 52

758	0.4000	GZ	0.00	1.75
759	0.4000	GZ	0.00	0.25
760	0.4000	GZ	0.00	2.00
763	0.4000	GZ	0.00	2.00
764	0.4000	GZ	0.00	1.75
765	0.4000	GZ	0.00	0.25
768	0.4000	GZ	0.00	2.00
771	0.4000	GZ	0.00	2.00
772	0.4000	GZ	0.00	2.00
773	0.4000	GZ	0.00	2.00
774	0.4000	GZ	0.00	2.00
775	0.4000	GZ	0.00	2.00
778	0.4000	GZ	0.00	0.25
779	0.4000	GZ	0.00	0.25
780	0.4000	GZ	0.00	1.75
781	0.4000	GZ	0.00	1.75
782	0.4000	GZ	0.00	1.75
783	0.4000	GZ	0.00	0.25
784	0.4000	GZ	0.00	2.00
785	0.4000	GZ	0.00	2.00
786	0.4000	GZ	0.00	1.75
787	0.4000	GZ	0.00	0.25
788	0.4000	GZ	0.00	2.00
789	0.4000	GZ	0.00	2.00
790	0.4000	GZ	0.00	2.00
791	0.4000	GZ	0.00	1.75
794	0.4000	GZ	0.00	1.75
795	0.4000	GZ	0.00	0.25
796	0.4000	GZ	0.00	1.75
797	0.4000	GZ	0.00	0.25
798	0.4000	GZ	0.00	1.75
799	0.4000	GZ	0.00	0.25
804	0.4000	GZ	0.00	2.00
805	0.4000	GZ	0.00	2.00
806	0.4000	GZ	0.00	2.00
807	0.4000	GZ	0.00	2.00
22	0.8000	GZ	0.00	6.00
24	0.8000	GZ	0.00	6.00
25	0.8000	GZ	0.00	6.00
43	0.8000	GZ	0.00	6.00
59	0.8000	GZ	0.00	6.00
62	0.8000	GZ	0.00	6.00
75	0.8000	GZ	0.00	6.00
76	0.8000	GZ	0.00	6.00
77	0.8000	GZ	0.00	6.00
78	0.8000	GZ	0.00	6.00
81	0.8000	GZ	0.00	6.00
92	0.8000	GZ	0.00	6.00
94	0.8000	GZ	0.00	6.00
96	0.8000	GZ	0.00	6.00
97	0.8000	GZ	0.00	6.00
113	0.8000	GZ	0.00	6.00
124	0.8000	GZ	0.00	6.00
125	0.8000	GZ	0.00	6.00
126	0.8000	GZ	0.00	6.00
131	0.8000	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 53

132	0.8000	GZ	0.00	6.00
133	0.8000	GZ	0.00	6.00
138	0.8000	GZ	0.00	6.00
139	0.8000	GZ	0.00	6.00
140	0.8000	GZ	0.00	1.50
145	0.8000	GZ	0.00	6.00
146	0.8000	GZ	0.00	6.00
147	0.8000	GZ	0.00	1.50
152	0.8000	GZ	0.00	6.00
153	0.8000	GZ	0.00	6.00
154	0.8000	GZ	0.00	6.00
155	0.8000	GZ	0.00	6.00
160	0.8000	GZ	0.00	6.00
163	0.8000	GZ	0.00	6.00
166	0.8000	GZ	0.00	6.00
169	0.8000	GZ	0.00	6.00
174	0.8000	GZ	0.00	6.00
175	0.8000	GZ	0.00	6.00
176	0.8000	GZ	0.00	6.00
177	0.8000	GZ	0.00	6.00
198	0.8000	GZ	0.00	6.00
204	0.8000	GZ	0.00	6.00
205	0.8000	GZ	0.00	6.00
207	0.8000	GZ	0.00	6.00
208	0.8000	GZ	0.00	6.00
210	0.8000	GZ	0.00	6.00
211	0.8000	GZ	0.00	6.00
213	0.8000	GZ	0.00	6.00
214	0.8000	GZ	0.00	6.00
216	0.8000	GZ	0.00	6.00
217	0.8000	GZ	0.00	6.00
221	0.8000	GZ	0.00	6.00
223	0.8000	GZ	0.00	6.00
225	0.8000	GZ	0.00	6.00
227	0.8000	GZ	0.00	6.00
228	0.8000	GZ	0.00	6.00
229	0.8000	GZ	0.00	6.00
230	0.8000	GZ	0.00	6.00
231	0.8000	GZ	0.00	6.00
236	0.8000	GZ	0.00	6.00
237	0.8000	GZ	0.00	6.00
238	0.8000	GZ	0.00	6.00
239	0.8000	GZ	0.00	6.00
244	0.8000	GZ	0.00	6.00
245	0.8000	GZ	0.00	6.00
246	0.8000	GZ	0.00	6.00
247	0.8000	GZ	0.00	6.00
254	0.8000	GZ	0.00	2.00
255	0.8000	GZ	0.00	2.00
256	0.8000	GZ	0.00	6.00
257	0.8000	GZ	0.00	6.00
264	0.8000	GZ	0.00	6.00
265	0.8000	GZ	0.00	6.00
266	0.8000	GZ	0.00	6.00
267	0.8000	GZ	0.00	6.00
274	0.8000	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 54

275	0.8000	GZ	0.00	6.00
276	0.8000	GZ	0.00	6.00
277	0.8000	GZ	0.00	6.00
278	0.8000	GZ	0.00	6.00
279	0.8000	GZ	0.00	6.00
280	0.8000	GZ	0.00	6.00
281	0.8000	GZ	0.00	6.00
286	0.8000	GZ	0.00	6.00
287	0.8000	GZ	0.00	6.00
288	0.8000	GZ	0.00	6.00
289	0.8000	GZ	0.00	6.00
294	0.8000	GZ	0.00	6.00
295	0.8000	GZ	0.00	6.00
296	0.8000	GZ	0.00	6.00
297	0.8000	GZ	0.00	6.00
309	0.8000	GZ	0.00	6.00
310	0.8000	GZ	0.00	6.00
315	0.8000	GZ	0.00	6.00
316	0.8000	GZ	0.00	6.00
317	0.8000	GZ	0.00	6.00
318	0.8000	GZ	0.00	6.00
319	0.8000	GZ	0.00	6.00
324	0.8000	GZ	0.00	6.00
325	0.8000	GZ	0.00	6.00
326	0.8000	GZ	0.00	6.00
327	0.8000	GZ	0.00	6.00
328	0.8000	GZ	0.00	6.00
337	0.8000	GZ	0.00	6.00
338	0.8000	GZ	0.00	6.00
339	0.8000	GZ	0.00	6.00
340	0.8000	GZ	0.00	6.00
341	0.8000	GZ	0.00	6.00
342	0.8000	GZ	0.00	6.00
362	0.8000	GZ	0.00	2.00
364	0.8000	GZ	0.00	2.00
734	0.8000	GZ	0.00	1.50
744	0.8000	GZ	0.00	2.00
745	0.8000	GZ	0.00	2.00
755	0.8000	GZ	0.00	2.00
756	0.8000	GZ	0.00	2.00
761	0.8000	GZ	0.00	2.00
762	0.8000	GZ	0.00	2.00
769	0.8000	GZ	0.00	2.00
770	0.8000	GZ	0.00	2.00
800	0.8000	GZ	0.00	2.00
801	0.8000	GZ	0.00	2.00
802	0.8000	GZ	0.00	2.00
803	0.8000	GZ	0.00	2.00
436	0.4700	GZ	0.00	6.00
451	0.4700	GZ	0.00	6.00
452	0.4700	GZ	0.00	6.00
465	0.4700	GZ	0.00	3.00
486	0.4700	GZ	0.00	6.00
492	0.4700	GZ	0.00	6.00
493	0.4700	GZ	0.00	6.00
499	0.4700	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 55

518	0.4700	GZ	0.00	6.00
524	0.4700	GZ	0.00	6.00
525	0.4700	GZ	0.00	6.00
531	0.4700	GZ	0.00	6.00
550	0.4700	GZ	0.00	6.00
556	0.4700	GZ	0.00	6.00
557	0.4700	GZ	0.00	6.00
563	0.4700	GZ	0.00	6.00
592	0.4700	GZ	0.00	6.00
598	0.4700	GZ	0.00	3.00
599	0.4700	GZ	0.00	3.00
605	0.4700	GZ	0.00	6.00
626	0.4700	GZ	0.00	6.00
632	0.4700	GZ	0.00	6.00
633	0.4700	GZ	0.00	6.00
639	0.4700	GZ	0.00	6.00
664	0.4700	GZ	0.00	6.00
679	0.4700	GZ	0.00	6.00
701	0.4700	GZ	0.00	6.00
716	0.4700	GZ	0.00	6.00
724	0.4700	GZ	0.00	3.00
437	0.9400	GZ	0.00	6.00
438	0.9400	GZ	0.00	6.00
439	0.9400	GZ	0.00	6.00
440	0.9400	GZ	0.00	6.00
441	0.9400	GZ	0.00	6.00
442	0.9400	GZ	0.00	6.00
443	0.9400	GZ	0.00	6.00
444	0.9400	GZ	0.00	6.00
445	0.9400	GZ	0.00	6.00
446	0.9400	GZ	0.00	6.00
447	0.9400	GZ	0.00	6.00
448	0.9400	GZ	0.00	6.00
449	0.9400	GZ	0.00	6.00
450	0.9400	GZ	0.00	6.00
453	0.9400	GZ	0.00	6.00
454	0.9400	GZ	0.00	6.00
455	0.9400	GZ	0.00	6.00
456	0.9400	GZ	0.00	6.00
457	0.9400	GZ	0.00	6.00
458	0.9400	GZ	0.00	6.00
459	0.9400	GZ	0.00	6.00
460	0.9400	GZ	0.00	6.00
461	0.9400	GZ	0.00	6.00
462	0.9400	GZ	0.00	6.00
463	0.9400	GZ	0.00	6.00
464	0.9400	GZ	0.00	6.00
466	0.9400	GZ	0.00	3.00
487	0.9400	GZ	0.00	6.00
488	0.9400	GZ	0.00	6.00
489	0.9400	GZ	0.00	6.00
490	0.9400	GZ	0.00	6.00
491	0.9400	GZ	0.00	6.00
494	0.9400	GZ	0.00	6.00
495	0.9400	GZ	0.00	6.00
496	0.9400	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 56

497	0.9400	GZ	0.00	6.00
498	0.9400	GZ	0.00	6.00
519	0.9400	GZ	0.00	6.00
520	0.9400	GZ	0.00	6.00
521	0.9400	GZ	0.00	6.00
522	0.9400	GZ	0.00	6.00
523	0.9400	GZ	0.00	6.00
526	0.9400	GZ	0.00	6.00
527	0.9400	GZ	0.00	6.00
528	0.9400	GZ	0.00	6.00
529	0.9400	GZ	0.00	6.00
530	0.9400	GZ	0.00	6.00
551	0.9400	GZ	0.00	6.00
552	0.9400	GZ	0.00	6.00
553	0.9400	GZ	0.00	6.00
554	0.9400	GZ	0.00	6.00
555	0.9400	GZ	0.00	6.00
558	0.9400	GZ	0.00	6.00
559	0.9400	GZ	0.00	6.00
560	0.9400	GZ	0.00	6.00
561	0.9400	GZ	0.00	6.00
562	0.9400	GZ	0.00	6.00
572	0.9400	GZ	0.00	3.00
573	0.9400	GZ	0.00	3.00
593	0.9400	GZ	0.00	6.00
594	0.9400	GZ	0.00	6.00
595	0.9400	GZ	0.00	6.00
596	0.9400	GZ	0.00	6.00
597	0.9400	GZ	0.00	6.00
600	0.9400	GZ	0.00	6.00
601	0.9400	GZ	0.00	6.00
602	0.9400	GZ	0.00	6.00
603	0.9400	GZ	0.00	6.00
604	0.9400	GZ	0.00	6.00
606	0.9400	GZ	0.00	3.00
607	0.9400	GZ	0.00	3.00
627	0.9400	GZ	0.00	6.00
628	0.9400	GZ	0.00	6.00
629	0.9400	GZ	0.00	6.00
630	0.9400	GZ	0.00	6.00
631	0.9400	GZ	0.00	6.00
634	0.9400	GZ	0.00	6.00
635	0.9400	GZ	0.00	6.00
636	0.9400	GZ	0.00	6.00
637	0.9400	GZ	0.00	6.00
638	0.9400	GZ	0.00	6.00
665	0.9400	GZ	0.00	6.00
666	0.9400	GZ	0.00	6.00
667	0.9400	GZ	0.00	6.00
668	0.9400	GZ	0.00	6.00
669	0.9400	GZ	0.00	6.00
670	0.9400	GZ	0.00	6.00
671	0.9400	GZ	0.00	6.00
672	0.9400	GZ	0.00	6.00
673	0.9400	GZ	0.00	6.00
674	0.9400	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 57

675	0.9400	GZ	0.00	6.00
676	0.9400	GZ	0.00	6.00
677	0.9400	GZ	0.00	6.00
678	0.9400	GZ	0.00	6.00
702	0.9400	GZ	0.00	6.00
703	0.9400	GZ	0.00	6.00
704	0.9400	GZ	0.00	6.00
705	0.9400	GZ	0.00	6.00
706	0.9400	GZ	0.00	6.00
707	0.9400	GZ	0.00	6.00
708	0.9400	GZ	0.00	6.00
709	0.9400	GZ	0.00	6.00
710	0.9400	GZ	0.00	6.00
711	0.9400	GZ	0.00	6.00
712	0.9400	GZ	0.00	6.00
713	0.9400	GZ	0.00	6.00
714	0.9400	GZ	0.00	6.00
715	0.9400	GZ	0.00	6.00
723	0.9400	GZ	0.00	3.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
7	0.1800	GX	0.00	6.00			
9	0.1800	GX	0.00	6.00			
11	0.1800	GX	0.00	6.00			
13	0.1800	GX	0.00	6.00			
15	0.1800	GX	0.00	6.00			
20	0.1800	GX	0.00	0.25			
26	0.1800	GX	0.00	2.00			
31	0.1800	GX	0.00	6.00			
33	0.1800	GX	0.00	6.00			
40	0.1800	GX	0.00	2.00			
42	0.1800	GX	0.00	2.00			
44	0.1800	GX	0.00	2.00			
49	0.1800	GX	0.00	6.00			
60	0.1800	GX	0.00	2.00			
61	0.1800	GX	0.00	2.00			
63	0.1800	GX	0.00	6.00			
65	0.1800	GX	0.00	6.00			
72	0.1800	GX	0.00	2.00			
74	0.1800	GX	0.00	2.00			
79	0.1800	GX	0.00	6.00			
80	0.1800	GX	0.00	6.00			
82	0.1800	GX	0.00	2.00			
87	0.1800	GX	0.00	6.00			
98	0.1800	GX	0.00	2.00			
103	0.1800	GX	0.00	6.00			
108	0.1800	GX	0.00	6.00			
110	0.1800	GX	0.00	6.00			
112	0.1800	GX	0.00	6.00			
114	0.1800	GX	0.00	2.00			
120	0.1800	GX	0.00	2.00			
127	0.1800	GX	0.00	2.00			

STAAD SPACE

-- PAGE NO. 58

134	0.1800	GX	0.00	2.00
141	0.1800	GX	0.00	2.00
148	0.1800	GX	0.00	2.00
178	0.1800	GX	0.00	2.00
182	0.1800	GX	0.00	2.00
186	0.1800	GX	0.00	2.00
190	0.1800	GX	0.00	2.00
194	0.1800	GX	0.00	2.00
203	0.1800	GX	0.00	0.25
206	0.1800	GX	0.00	0.25
212	0.1800	GX	0.00	0.25
215	0.1800	GX	0.00	0.25
258	0.1800	GX	0.00	2.00
259	0.1800	GX	0.00	2.00
262	0.1800	GX	0.00	2.00
263	0.1800	GX	0.00	2.00
268	0.1800	GX	0.00	2.00
269	0.1800	GX	0.00	2.00
272	0.1800	GX	0.00	2.00
273	0.1800	GX	0.00	2.00
298	0.1800	GX	0.00	2.00
300	0.1800	GX	0.00	2.00
302	0.1800	GX	0.00	2.00
304	0.1800	GX	0.00	2.00
306	0.1800	GX	0.00	0.25
307	0.1800	GX	0.00	0.25
308	0.1800	GX	0.00	0.25
329	0.1800	GX	0.00	2.00
331	0.1800	GX	0.00	2.00
350	0.1800	GX	0.00	1.75
352	0.1800	GX	0.00	1.75
353	0.1800	GX	0.00	2.00
354	0.1800	GX	0.00	2.00
356	0.1800	GX	0.00	1.75
358	0.1800	GX	0.00	1.75
359	0.1800	GX	0.00	2.00
360	0.1800	GX	0.00	2.00
361	0.1800	GX	0.00	2.00
363	0.1800	GX	0.00	2.00
368	0.1800	GX	0.00	1.75
370	0.1800	GX	0.00	1.75
371	0.1800	GX	0.00	2.00
372	0.1800	GX	0.00	2.00
729	0.1800	GX	0.00	4.50
730	0.1800	GX	0.00	4.50
738	0.1800	GX	0.00	1.75
739	0.1800	GX	0.00	2.00
740	0.1800	GX	0.00	1.75
741	0.1800	GX	0.00	0.25
742	0.1800	GX	0.00	1.75
743	0.1800	GX	0.00	2.00
746	0.1800	GX	0.00	0.25
747	0.1800	GX	0.00	2.00
750	0.1800	GX	0.00	1.75
751	0.1800	GX	0.00	0.25
754	0.1800	GX	0.00	2.00

STAAD SPACE

-- PAGE NO. 59

757	0.1800	GX	0.00	2.00
758	0.1800	GX	0.00	1.75
759	0.1800	GX	0.00	0.25
760	0.1800	GX	0.00	2.00
763	0.1800	GX	0.00	2.00
764	0.1800	GX	0.00	1.75
765	0.1800	GX	0.00	0.25
768	0.1800	GX	0.00	2.00
771	0.1800	GX	0.00	2.00
772	0.1800	GX	0.00	2.00
773	0.1800	GX	0.00	2.00
774	0.1800	GX	0.00	2.00
775	0.1800	GX	0.00	2.00
778	0.1800	GX	0.00	0.25
779	0.1800	GX	0.00	0.25
780	0.1800	GX	0.00	1.75
781	0.1800	GX	0.00	1.75
782	0.1800	GX	0.00	1.75
783	0.1800	GX	0.00	0.25
784	0.1800	GX	0.00	2.00
785	0.1800	GX	0.00	2.00
786	0.1800	GX	0.00	1.75
787	0.1800	GX	0.00	0.25
788	0.1800	GX	0.00	2.00
789	0.1800	GX	0.00	2.00
790	0.1800	GX	0.00	2.00
791	0.1800	GX	0.00	1.75
794	0.1800	GX	0.00	1.75
795	0.1800	GX	0.00	0.25
796	0.1800	GX	0.00	1.75
797	0.1800	GX	0.00	0.25
798	0.1800	GX	0.00	1.75
799	0.1800	GX	0.00	0.25
804	0.1800	GX	0.00	2.00
805	0.1800	GX	0.00	2.00
806	0.1800	GX	0.00	2.00
807	0.1800	GX	0.00	2.00
22	0.3600	GX	0.00	6.00
24	0.3600	GX	0.00	6.00
25	0.3600	GX	0.00	6.00
43	0.3600	GX	0.00	6.00
59	0.3600	GX	0.00	6.00
62	0.3600	GX	0.00	6.00
75	0.3600	GX	0.00	6.00
76	0.3600	GX	0.00	6.00
77	0.3600	GX	0.00	6.00
78	0.3600	GX	0.00	6.00
81	0.3600	GX	0.00	6.00
92	0.3600	GX	0.00	6.00
94	0.3600	GX	0.00	6.00
96	0.3600	GX	0.00	6.00
97	0.3600	GX	0.00	6.00
113	0.3600	GX	0.00	6.00
124	0.3600	GX	0.00	6.00
125	0.3600	GX	0.00	6.00
126	0.3600	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 60

131	0.3600	GX	0.00	6.00
132	0.3600	GX	0.00	6.00
133	0.3600	GX	0.00	6.00
138	0.3600	GX	0.00	6.00
139	0.3600	GX	0.00	6.00
140	0.3600	GX	0.00	1.50
145	0.3600	GX	0.00	6.00
146	0.3600	GX	0.00	6.00
147	0.3600	GX	0.00	1.50
152	0.3600	GX	0.00	6.00
153	0.3600	GX	0.00	6.00
154	0.3600	GX	0.00	6.00
155	0.3600	GX	0.00	6.00
160	0.3600	GX	0.00	6.00
163	0.3600	GX	0.00	6.00
166	0.3600	GX	0.00	6.00
169	0.3600	GX	0.00	6.00
174	0.3600	GX	0.00	6.00
175	0.3600	GX	0.00	6.00
176	0.3600	GX	0.00	6.00
177	0.3600	GX	0.00	6.00
198	0.3600	GX	0.00	6.00
204	0.3600	GX	0.00	6.00
205	0.3600	GX	0.00	6.00
207	0.3600	GX	0.00	6.00
208	0.3600	GX	0.00	6.00
210	0.3600	GX	0.00	6.00
211	0.3600	GX	0.00	6.00
213	0.3600	GX	0.00	6.00
214	0.3600	GX	0.00	6.00
216	0.3600	GX	0.00	6.00
217	0.3600	GX	0.00	6.00
221	0.3600	GX	0.00	6.00
223	0.3600	GX	0.00	6.00
225	0.3600	GX	0.00	6.00
227	0.3600	GX	0.00	6.00
228	0.3600	GX	0.00	6.00
229	0.3600	GX	0.00	6.00
230	0.3600	GX	0.00	6.00
231	0.3600	GX	0.00	6.00
236	0.3600	GX	0.00	6.00
237	0.3600	GX	0.00	6.00
238	0.3600	GX	0.00	6.00
239	0.3600	GX	0.00	6.00
244	0.3600	GX	0.00	6.00
245	0.3600	GX	0.00	6.00
246	0.3600	GX	0.00	6.00
247	0.3600	GX	0.00	6.00
254	0.3600	GX	0.00	2.00
255	0.3600	GX	0.00	2.00
256	0.3600	GX	0.00	6.00
257	0.3600	GX	0.00	6.00
264	0.3600	GX	0.00	6.00
265	0.3600	GX	0.00	6.00
266	0.3600	GX	0.00	6.00
267	0.3600	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 61

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	6.00
280	0.3600	GX	0.00	6.00
281	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
289	0.3600	GX	0.00	6.00
294	0.3600	GX	0.00	6.00
295	0.3600	GX	0.00	6.00
296	0.3600	GX	0.00	6.00
297	0.3600	GX	0.00	6.00
309	0.3600	GX	0.00	6.00
310	0.3600	GX	0.00	6.00
315	0.3600	GX	0.00	6.00
316	0.3600	GX	0.00	6.00
317	0.3600	GX	0.00	6.00
318	0.3600	GX	0.00	6.00
319	0.3600	GX	0.00	6.00
324	0.3600	GX	0.00	6.00
325	0.3600	GX	0.00	6.00
326	0.3600	GX	0.00	6.00
327	0.3600	GX	0.00	6.00
328	0.3600	GX	0.00	6.00
337	0.3600	GX	0.00	6.00
338	0.3600	GX	0.00	6.00
339	0.3600	GX	0.00	6.00
340	0.3600	GX	0.00	6.00
341	0.3600	GX	0.00	6.00
342	0.3600	GX	0.00	6.00
362	0.3600	GX	0.00	2.00
364	0.3600	GX	0.00	2.00
734	0.3600	GX	0.00	1.50
744	0.3600	GX	0.00	2.00
745	0.3600	GX	0.00	2.00
755	0.3600	GX	0.00	2.00
756	0.3600	GX	0.00	2.00
761	0.3600	GX	0.00	2.00
762	0.3600	GX	0.00	2.00
769	0.3600	GX	0.00	2.00
770	0.3600	GX	0.00	2.00
800	0.3600	GX	0.00	2.00
801	0.3600	GX	0.00	2.00
802	0.3600	GX	0.00	2.00
803	0.3600	GX	0.00	2.00
436	0.0700	GX	0.00	6.00
451	0.0700	GX	0.00	6.00
452	0.0700	GX	0.00	6.00
465	0.0700	GX	0.00	3.00
486	0.0700	GX	0.00	6.00
492	0.0700	GX	0.00	6.00
493	0.0700	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 62

499	0.0700	GX	0.00	6.00
518	0.0700	GX	0.00	6.00
524	0.0700	GX	0.00	6.00
525	0.0700	GX	0.00	6.00
531	0.0700	GX	0.00	6.00
550	0.0700	GX	0.00	6.00
556	0.0700	GX	0.00	6.00
557	0.0700	GX	0.00	6.00
563	0.0700	GX	0.00	6.00
592	0.0700	GX	0.00	6.00
598	0.0700	GX	0.00	3.00
599	0.0700	GX	0.00	3.00
605	0.0700	GX	0.00	6.00
626	0.0700	GX	0.00	6.00
632	0.0700	GX	0.00	6.00
633	0.0700	GX	0.00	6.00
639	0.0700	GX	0.00	6.00
664	0.0700	GX	0.00	6.00
679	0.0700	GX	0.00	6.00
701	0.0700	GX	0.00	6.00
716	0.0700	GX	0.00	6.00
724	0.0700	GX	0.00	3.00
437	0.1400	GX	0.00	6.00
438	0.1400	GX	0.00	6.00
439	0.1400	GX	0.00	6.00
440	0.1400	GX	0.00	6.00
441	0.1400	GX	0.00	6.00
442	0.1400	GX	0.00	6.00
443	0.1400	GX	0.00	6.00
444	0.1400	GX	0.00	6.00
445	0.1400	GX	0.00	6.00
446	0.1400	GX	0.00	6.00
447	0.1400	GX	0.00	6.00
448	0.1400	GX	0.00	6.00
449	0.1400	GX	0.00	6.00
450	0.1400	GX	0.00	6.00
453	0.1400	GX	0.00	6.00
454	0.1400	GX	0.00	6.00
455	0.1400	GX	0.00	6.00
456	0.1400	GX	0.00	6.00
457	0.1400	GX	0.00	6.00
458	0.1400	GX	0.00	6.00
459	0.1400	GX	0.00	6.00
460	0.1400	GX	0.00	6.00
461	0.1400	GX	0.00	6.00
462	0.1400	GX	0.00	6.00
463	0.1400	GX	0.00	6.00
464	0.1400	GX	0.00	6.00
466	0.1400	GX	0.00	3.00
487	0.1400	GX	0.00	6.00
488	0.1400	GX	0.00	6.00
489	0.1400	GX	0.00	6.00
490	0.1400	GX	0.00	6.00
491	0.1400	GX	0.00	6.00
494	0.1400	GX	0.00	6.00
495	0.1400	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 63

496	0.1400	GX	0.00	6.00
497	0.1400	GX	0.00	6.00
498	0.1400	GX	0.00	6.00
519	0.1400	GX	0.00	6.00
520	0.1400	GX	0.00	6.00
521	0.1400	GX	0.00	6.00
522	0.1400	GX	0.00	6.00
523	0.1400	GX	0.00	6.00
526	0.1400	GX	0.00	6.00
527	0.1400	GX	0.00	6.00
528	0.1400	GX	0.00	6.00
529	0.1400	GX	0.00	6.00
530	0.1400	GX	0.00	6.00
551	0.1400	GX	0.00	6.00
552	0.1400	GX	0.00	6.00
553	0.1400	GX	0.00	6.00
554	0.1400	GX	0.00	6.00
555	0.1400	GX	0.00	6.00
558	0.1400	GX	0.00	6.00
559	0.1400	GX	0.00	6.00
560	0.1400	GX	0.00	6.00
561	0.1400	GX	0.00	6.00
562	0.1400	GX	0.00	6.00
572	0.1400	GX	0.00	3.00
573	0.1400	GX	0.00	3.00
593	0.1400	GX	0.00	6.00
594	0.1400	GX	0.00	6.00
595	0.1400	GX	0.00	6.00
596	0.1400	GX	0.00	6.00
597	0.1400	GX	0.00	6.00
600	0.1400	GX	0.00	6.00
601	0.1400	GX	0.00	6.00
602	0.1400	GX	0.00	6.00
603	0.1400	GX	0.00	6.00
604	0.1400	GX	0.00	6.00
606	0.1400	GX	0.00	3.00
607	0.1400	GX	0.00	3.00
627	0.1400	GX	0.00	6.00
628	0.1400	GX	0.00	6.00
629	0.1400	GX	0.00	6.00
630	0.1400	GX	0.00	6.00
631	0.1400	GX	0.00	6.00
634	0.1400	GX	0.00	6.00
635	0.1400	GX	0.00	6.00
636	0.1400	GX	0.00	6.00
637	0.1400	GX	0.00	6.00
638	0.1400	GX	0.00	6.00
665	0.1400	GX	0.00	6.00
666	0.1400	GX	0.00	6.00
667	0.1400	GX	0.00	6.00
668	0.1400	GX	0.00	6.00
669	0.1400	GX	0.00	6.00
670	0.1400	GX	0.00	6.00
671	0.1400	GX	0.00	6.00
672	0.1400	GX	0.00	6.00
673	0.1400	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 64

674	0.1400	GX	0.00	6.00
675	0.1400	GX	0.00	6.00
676	0.1400	GX	0.00	6.00
677	0.1400	GX	0.00	6.00
678	0.1400	GX	0.00	6.00
702	0.1400	GX	0.00	6.00
703	0.1400	GX	0.00	6.00
704	0.1400	GX	0.00	6.00
705	0.1400	GX	0.00	6.00
706	0.1400	GX	0.00	6.00
707	0.1400	GX	0.00	6.00
708	0.1400	GX	0.00	6.00
709	0.1400	GX	0.00	6.00
710	0.1400	GX	0.00	6.00
711	0.1400	GX	0.00	6.00
712	0.1400	GX	0.00	6.00
713	0.1400	GX	0.00	6.00
714	0.1400	GX	0.00	6.00
715	0.1400	GX	0.00	6.00
723	0.1400	GX	0.00	3.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
7	0.1800	GY	0.00	6.00			
9	0.1800	GY	0.00	6.00			
11	0.1800	GY	0.00	6.00			
13	0.1800	GY	0.00	6.00			
15	0.1800	GY	0.00	6.00			
20	0.1800	GY	0.00	0.25			
26	0.1800	GY	0.00	2.00			
31	0.1800	GY	0.00	6.00			
33	0.1800	GY	0.00	6.00			
40	0.1800	GY	0.00	2.00			
42	0.1800	GY	0.00	2.00			
44	0.1800	GY	0.00	2.00			
49	0.1800	GY	0.00	6.00			
60	0.1800	GY	0.00	2.00			
61	0.1800	GY	0.00	2.00			
63	0.1800	GY	0.00	6.00			
65	0.1800	GY	0.00	6.00			
72	0.1800	GY	0.00	2.00			
74	0.1800	GY	0.00	2.00			
79	0.1800	GY	0.00	6.00			
80	0.1800	GY	0.00	6.00			
82	0.1800	GY	0.00	2.00			
87	0.1800	GY	0.00	6.00			
98	0.1800	GY	0.00	2.00			
103	0.1800	GY	0.00	6.00			
108	0.1800	GY	0.00	6.00			
110	0.1800	GY	0.00	6.00			
112	0.1800	GY	0.00	6.00			
114	0.1800	GY	0.00	2.00			
120	0.1800	GY	0.00	2.00			

STAAD SPACE

-- PAGE NO. 65

127	0.1800	GY	0.00	2.00
134	0.1800	GY	0.00	2.00
141	0.1800	GY	0.00	2.00
148	0.1800	GY	0.00	2.00
178	0.1800	GY	0.00	2.00
182	0.1800	GY	0.00	2.00
186	0.1800	GY	0.00	2.00
190	0.1800	GY	0.00	2.00
194	0.1800	GY	0.00	2.00
203	0.1800	GY	0.00	0.25
206	0.1800	GY	0.00	0.25
212	0.1800	GY	0.00	0.25
215	0.1800	GY	0.00	0.25
258	0.1800	GY	0.00	2.00
259	0.1800	GY	0.00	2.00
262	0.1800	GY	0.00	2.00
263	0.1800	GY	0.00	2.00
268	0.1800	GY	0.00	2.00
269	0.1800	GY	0.00	2.00
272	0.1800	GY	0.00	2.00
273	0.1800	GY	0.00	2.00
298	0.1800	GY	0.00	2.00
300	0.1800	GY	0.00	2.00
302	0.1800	GY	0.00	2.00
304	0.1800	GY	0.00	2.00
306	0.1800	GY	0.00	0.25
307	0.1800	GY	0.00	0.25
308	0.1800	GY	0.00	0.25
329	0.1800	GY	0.00	2.00
331	0.1800	GY	0.00	2.00
350	0.1800	GY	0.00	1.75
352	0.1800	GY	0.00	1.75
353	0.1800	GY	0.00	2.00
354	0.1800	GY	0.00	2.00
356	0.1800	GY	0.00	1.75
358	0.1800	GY	0.00	1.75
359	0.1800	GY	0.00	2.00
360	0.1800	GY	0.00	2.00
361	0.1800	GY	0.00	2.00
363	0.1800	GY	0.00	2.00
368	0.1800	GY	0.00	1.75
370	0.1800	GY	0.00	1.75
371	0.1800	GY	0.00	2.00
372	0.1800	GY	0.00	2.00
729	0.1800	GY	0.00	4.50
730	0.1800	GY	0.00	4.50
738	0.1800	GY	0.00	1.75
739	0.1800	GY	0.00	2.00
740	0.1800	GY	0.00	1.75
741	0.1800	GY	0.00	0.25
742	0.1800	GY	0.00	1.75
743	0.1800	GY	0.00	2.00
746	0.1800	GY	0.00	0.25
747	0.1800	GY	0.00	2.00
750	0.1800	GY	0.00	1.75
751	0.1800	GY	0.00	0.25

STAAD SPACE

-- PAGE NO. 66

754	0.1800	GY	0.00	2.00
757	0.1800	GY	0.00	2.00
758	0.1800	GY	0.00	1.75
759	0.1800	GY	0.00	0.25
760	0.1800	GY	0.00	2.00
763	0.1800	GY	0.00	2.00
764	0.1800	GY	0.00	1.75
765	0.1800	GY	0.00	0.25
768	0.1800	GY	0.00	2.00
771	0.1800	GY	0.00	2.00
772	0.1800	GY	0.00	2.00
773	0.1800	GY	0.00	2.00
774	0.1800	GY	0.00	2.00
775	0.1800	GY	0.00	2.00
778	0.1800	GY	0.00	0.25
779	0.1800	GY	0.00	0.25
780	0.1800	GY	0.00	1.75
781	0.1800	GY	0.00	1.75
782	0.1800	GY	0.00	1.75
783	0.1800	GY	0.00	0.25
784	0.1800	GY	0.00	2.00
785	0.1800	GY	0.00	2.00
786	0.1800	GY	0.00	1.75
787	0.1800	GY	0.00	0.25
788	0.1800	GY	0.00	2.00
789	0.1800	GY	0.00	2.00
790	0.1800	GY	0.00	2.00
791	0.1800	GY	0.00	1.75
794	0.1800	GY	0.00	1.75
795	0.1800	GY	0.00	0.25
796	0.1800	GY	0.00	1.75
797	0.1800	GY	0.00	0.25
798	0.1800	GY	0.00	1.75
799	0.1800	GY	0.00	0.25
804	0.1800	GY	0.00	2.00
805	0.1800	GY	0.00	2.00
806	0.1800	GY	0.00	2.00
807	0.1800	GY	0.00	2.00
22	0.3600	GY	0.00	6.00
24	0.3600	GY	0.00	6.00
25	0.3600	GY	0.00	6.00
43	0.3600	GY	0.00	6.00
59	0.3600	GY	0.00	6.00
62	0.3600	GY	0.00	6.00
75	0.3600	GY	0.00	6.00
76	0.3600	GY	0.00	6.00
77	0.3600	GY	0.00	6.00
78	0.3600	GY	0.00	6.00
81	0.3600	GY	0.00	6.00
92	0.3600	GY	0.00	6.00
94	0.3600	GY	0.00	6.00
96	0.3600	GY	0.00	6.00
97	0.3600	GY	0.00	6.00
113	0.3600	GY	0.00	6.00
124	0.3600	GY	0.00	6.00
125	0.3600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 67

126	0.3600	GY	0.00	6.00
131	0.3600	GY	0.00	6.00
132	0.3600	GY	0.00	6.00
133	0.3600	GY	0.00	6.00
138	0.3600	GY	0.00	6.00
139	0.3600	GY	0.00	6.00
140	0.3600	GY	0.00	1.50
145	0.3600	GY	0.00	6.00
146	0.3600	GY	0.00	6.00
147	0.3600	GY	0.00	1.50
152	0.3600	GY	0.00	6.00
153	0.3600	GY	0.00	6.00
154	0.3600	GY	0.00	6.00
155	0.3600	GY	0.00	6.00
160	0.3600	GY	0.00	6.00
163	0.3600	GY	0.00	6.00
166	0.3600	GY	0.00	6.00
169	0.3600	GY	0.00	6.00
174	0.3600	GY	0.00	6.00
175	0.3600	GY	0.00	6.00
176	0.3600	GY	0.00	6.00
177	0.3600	GY	0.00	6.00
198	0.3600	GY	0.00	6.00
204	0.3600	GY	0.00	6.00
205	0.3600	GY	0.00	6.00
207	0.3600	GY	0.00	6.00
208	0.3600	GY	0.00	6.00
210	0.3600	GY	0.00	6.00
211	0.3600	GY	0.00	6.00
213	0.3600	GY	0.00	6.00
214	0.3600	GY	0.00	6.00
216	0.3600	GY	0.00	6.00
217	0.3600	GY	0.00	6.00
221	0.3600	GY	0.00	6.00
223	0.3600	GY	0.00	6.00
225	0.3600	GY	0.00	6.00
227	0.3600	GY	0.00	6.00
228	0.3600	GY	0.00	6.00
229	0.3600	GY	0.00	6.00
230	0.3600	GY	0.00	6.00
231	0.3600	GY	0.00	6.00
236	0.3600	GY	0.00	6.00
237	0.3600	GY	0.00	6.00
238	0.3600	GY	0.00	6.00
239	0.3600	GY	0.00	6.00
244	0.3600	GY	0.00	6.00
245	0.3600	GY	0.00	6.00
246	0.3600	GY	0.00	6.00
247	0.3600	GY	0.00	6.00
254	0.3600	GY	0.00	2.00
255	0.3600	GY	0.00	2.00
256	0.3600	GY	0.00	6.00
257	0.3600	GY	0.00	6.00
264	0.3600	GY	0.00	6.00
265	0.3600	GY	0.00	6.00
266	0.3600	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 68

267	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	6.00
280	0.3600	GY	0.00	6.00
281	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	6.00
294	0.3600	GY	0.00	6.00
295	0.3600	GY	0.00	6.00
296	0.3600	GY	0.00	6.00
297	0.3600	GY	0.00	6.00
309	0.3600	GY	0.00	6.00
310	0.3600	GY	0.00	6.00
315	0.3600	GY	0.00	6.00
316	0.3600	GY	0.00	6.00
317	0.3600	GY	0.00	6.00
318	0.3600	GY	0.00	6.00
319	0.3600	GY	0.00	6.00
324	0.3600	GY	0.00	6.00
325	0.3600	GY	0.00	6.00
326	0.3600	GY	0.00	6.00
327	0.3600	GY	0.00	6.00
328	0.3600	GY	0.00	6.00
337	0.3600	GY	0.00	6.00
338	0.3600	GY	0.00	6.00
339	0.3600	GY	0.00	6.00
340	0.3600	GY	0.00	6.00
341	0.3600	GY	0.00	6.00
342	0.3600	GY	0.00	6.00
362	0.3600	GY	0.00	2.00
364	0.3600	GY	0.00	2.00
734	0.3600	GY	0.00	1.50
744	0.3600	GY	0.00	2.00
745	0.3600	GY	0.00	2.00
755	0.3600	GY	0.00	2.00
756	0.3600	GY	0.00	2.00
761	0.3600	GY	0.00	2.00
762	0.3600	GY	0.00	2.00
769	0.3600	GY	0.00	2.00
770	0.3600	GY	0.00	2.00
800	0.3600	GY	0.00	2.00
801	0.3600	GY	0.00	2.00
802	0.3600	GY	0.00	2.00
803	0.3600	GY	0.00	2.00
436	0.0700	GY	0.00	6.00
451	0.0700	GY	0.00	6.00
452	0.0700	GY	0.00	6.00
465	0.0700	GY	0.00	3.00
486	0.0700	GY	0.00	6.00
492	0.0700	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 69

493	0.0700	GY	0.00	6.00
499	0.0700	GY	0.00	6.00
518	0.0700	GY	0.00	6.00
524	0.0700	GY	0.00	6.00
525	0.0700	GY	0.00	6.00
531	0.0700	GY	0.00	6.00
550	0.0700	GY	0.00	6.00
556	0.0700	GY	0.00	6.00
557	0.0700	GY	0.00	6.00
563	0.0700	GY	0.00	6.00
592	0.0700	GY	0.00	6.00
598	0.0700	GY	0.00	3.00
599	0.0700	GY	0.00	3.00
605	0.0700	GY	0.00	6.00
626	0.0700	GY	0.00	6.00
632	0.0700	GY	0.00	6.00
633	0.0700	GY	0.00	6.00
639	0.0700	GY	0.00	6.00
664	0.0700	GY	0.00	6.00
679	0.0700	GY	0.00	6.00
701	0.0700	GY	0.00	6.00
716	0.0700	GY	0.00	6.00
724	0.0700	GY	0.00	3.00
437	0.1400	GY	0.00	6.00
438	0.1400	GY	0.00	6.00
439	0.1400	GY	0.00	6.00
440	0.1400	GY	0.00	6.00
441	0.1400	GY	0.00	6.00
442	0.1400	GY	0.00	6.00
443	0.1400	GY	0.00	6.00
444	0.1400	GY	0.00	6.00
445	0.1400	GY	0.00	6.00
446	0.1400	GY	0.00	6.00
447	0.1400	GY	0.00	6.00
448	0.1400	GY	0.00	6.00
449	0.1400	GY	0.00	6.00
450	0.1400	GY	0.00	6.00
453	0.1400	GY	0.00	6.00
454	0.1400	GY	0.00	6.00
455	0.1400	GY	0.00	6.00
456	0.1400	GY	0.00	6.00
457	0.1400	GY	0.00	6.00
458	0.1400	GY	0.00	6.00
459	0.1400	GY	0.00	6.00
460	0.1400	GY	0.00	6.00
461	0.1400	GY	0.00	6.00
462	0.1400	GY	0.00	6.00
463	0.1400	GY	0.00	6.00
464	0.1400	GY	0.00	6.00
466	0.1400	GY	0.00	3.00
487	0.1400	GY	0.00	6.00
488	0.1400	GY	0.00	6.00
489	0.1400	GY	0.00	6.00
490	0.1400	GY	0.00	6.00
491	0.1400	GY	0.00	6.00
494	0.1400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 70

495	0.1400	GY	0.00	6.00
496	0.1400	GY	0.00	6.00
497	0.1400	GY	0.00	6.00
498	0.1400	GY	0.00	6.00
519	0.1400	GY	0.00	6.00
520	0.1400	GY	0.00	6.00
521	0.1400	GY	0.00	6.00
522	0.1400	GY	0.00	6.00
523	0.1400	GY	0.00	6.00
526	0.1400	GY	0.00	6.00
527	0.1400	GY	0.00	6.00
528	0.1400	GY	0.00	6.00
529	0.1400	GY	0.00	6.00
530	0.1400	GY	0.00	6.00
551	0.1400	GY	0.00	6.00
552	0.1400	GY	0.00	6.00
553	0.1400	GY	0.00	6.00
554	0.1400	GY	0.00	6.00
555	0.1400	GY	0.00	6.00
558	0.1400	GY	0.00	6.00
559	0.1400	GY	0.00	6.00
560	0.1400	GY	0.00	6.00
561	0.1400	GY	0.00	6.00
562	0.1400	GY	0.00	6.00
572	0.1400	GY	0.00	3.00
573	0.1400	GY	0.00	3.00
593	0.1400	GY	0.00	6.00
594	0.1400	GY	0.00	6.00
595	0.1400	GY	0.00	6.00
596	0.1400	GY	0.00	6.00
597	0.1400	GY	0.00	6.00
600	0.1400	GY	0.00	6.00
601	0.1400	GY	0.00	6.00
602	0.1400	GY	0.00	6.00
603	0.1400	GY	0.00	6.00
604	0.1400	GY	0.00	6.00
606	0.1400	GY	0.00	3.00
607	0.1400	GY	0.00	3.00
627	0.1400	GY	0.00	6.00
628	0.1400	GY	0.00	6.00
629	0.1400	GY	0.00	6.00
630	0.1400	GY	0.00	6.00
631	0.1400	GY	0.00	6.00
634	0.1400	GY	0.00	6.00
635	0.1400	GY	0.00	6.00
636	0.1400	GY	0.00	6.00
637	0.1400	GY	0.00	6.00
638	0.1400	GY	0.00	6.00
665	0.1400	GY	0.00	6.00
666	0.1400	GY	0.00	6.00
667	0.1400	GY	0.00	6.00
668	0.1400	GY	0.00	6.00
669	0.1400	GY	0.00	6.00
670	0.1400	GY	0.00	6.00
671	0.1400	GY	0.00	6.00
672	0.1400	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 71

673	0.1400	GY	0.00	6.00
674	0.1400	GY	0.00	6.00
675	0.1400	GY	0.00	6.00
676	0.1400	GY	0.00	6.00
677	0.1400	GY	0.00	6.00
678	0.1400	GY	0.00	6.00
702	0.1400	GY	0.00	6.00
703	0.1400	GY	0.00	6.00
704	0.1400	GY	0.00	6.00
705	0.1400	GY	0.00	6.00
706	0.1400	GY	0.00	6.00
707	0.1400	GY	0.00	6.00
708	0.1400	GY	0.00	6.00
709	0.1400	GY	0.00	6.00
710	0.1400	GY	0.00	6.00
711	0.1400	GY	0.00	6.00
712	0.1400	GY	0.00	6.00
713	0.1400	GY	0.00	6.00
714	0.1400	GY	0.00	6.00
715	0.1400	GY	0.00	6.00
723	0.1400	GY	0.00	3.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
7	0.1800	GZ	0.00	6.00				
9	0.1800	GZ	0.00	6.00				
11	0.1800	GZ	0.00	6.00				
13	0.1800	GZ	0.00	6.00				
15	0.1800	GZ	0.00	6.00				
20	0.1800	GZ	0.00	0.25				
26	0.1800	GZ	0.00	2.00				
31	0.1800	GZ	0.00	6.00				
33	0.1800	GZ	0.00	6.00				
40	0.1800	GZ	0.00	2.00				
42	0.1800	GZ	0.00	2.00				
44	0.1800	GZ	0.00	2.00				
49	0.1800	GZ	0.00	6.00				
60	0.1800	GZ	0.00	2.00				
61	0.1800	GZ	0.00	2.00				
63	0.1800	GZ	0.00	6.00				
65	0.1800	GZ	0.00	6.00				
72	0.1800	GZ	0.00	2.00				
74	0.1800	GZ	0.00	2.00				
79	0.1800	GZ	0.00	6.00				
80	0.1800	GZ	0.00	6.00				
82	0.1800	GZ	0.00	2.00				
87	0.1800	GZ	0.00	6.00				
98	0.1800	GZ	0.00	2.00				
103	0.1800	GZ	0.00	6.00				
108	0.1800	GZ	0.00	6.00				
110	0.1800	GZ	0.00	6.00				
112	0.1800	GZ	0.00	6.00				
114	0.1800	GZ	0.00	2.00				

STAAD SPACE

-- PAGE NO. 72

120	0.1800	GZ	0.00	2.00
127	0.1800	GZ	0.00	2.00
134	0.1800	GZ	0.00	2.00
141	0.1800	GZ	0.00	2.00
148	0.1800	GZ	0.00	2.00
178	0.1800	GZ	0.00	2.00
182	0.1800	GZ	0.00	2.00
186	0.1800	GZ	0.00	2.00
190	0.1800	GZ	0.00	2.00
194	0.1800	GZ	0.00	2.00
203	0.1800	GZ	0.00	0.25
206	0.1800	GZ	0.00	0.25
212	0.1800	GZ	0.00	0.25
215	0.1800	GZ	0.00	0.25
258	0.1800	GZ	0.00	2.00
259	0.1800	GZ	0.00	2.00
262	0.1800	GZ	0.00	2.00
263	0.1800	GZ	0.00	2.00
268	0.1800	GZ	0.00	2.00
269	0.1800	GZ	0.00	2.00
272	0.1800	GZ	0.00	2.00
273	0.1800	GZ	0.00	2.00
298	0.1800	GZ	0.00	2.00
300	0.1800	GZ	0.00	2.00
302	0.1800	GZ	0.00	2.00
304	0.1800	GZ	0.00	2.00
306	0.1800	GZ	0.00	0.25
307	0.1800	GZ	0.00	0.25
308	0.1800	GZ	0.00	0.25
329	0.1800	GZ	0.00	2.00
331	0.1800	GZ	0.00	2.00
350	0.1800	GZ	0.00	1.75
352	0.1800	GZ	0.00	1.75
353	0.1800	GZ	0.00	2.00
354	0.1800	GZ	0.00	2.00
356	0.1800	GZ	0.00	1.75
358	0.1800	GZ	0.00	1.75
359	0.1800	GZ	0.00	2.00
360	0.1800	GZ	0.00	2.00
361	0.1800	GZ	0.00	2.00
363	0.1800	GZ	0.00	2.00
368	0.1800	GZ	0.00	1.75
370	0.1800	GZ	0.00	1.75
371	0.1800	GZ	0.00	2.00
372	0.1800	GZ	0.00	2.00
729	0.1800	GZ	0.00	4.50
730	0.1800	GZ	0.00	4.50
738	0.1800	GZ	0.00	1.75
739	0.1800	GZ	0.00	2.00
740	0.1800	GZ	0.00	1.75
741	0.1800	GZ	0.00	0.25
742	0.1800	GZ	0.00	1.75
743	0.1800	GZ	0.00	2.00
746	0.1800	GZ	0.00	0.25
747	0.1800	GZ	0.00	2.00
750	0.1800	GZ	0.00	1.75

STAAD SPACE

-- PAGE NO. 73

751	0.1800	GZ	0.00	0.25
754	0.1800	GZ	0.00	2.00
757	0.1800	GZ	0.00	2.00
758	0.1800	GZ	0.00	1.75
759	0.1800	GZ	0.00	0.25
760	0.1800	GZ	0.00	2.00
763	0.1800	GZ	0.00	2.00
764	0.1800	GZ	0.00	1.75
765	0.1800	GZ	0.00	0.25
768	0.1800	GZ	0.00	2.00
771	0.1800	GZ	0.00	2.00
772	0.1800	GZ	0.00	2.00
773	0.1800	GZ	0.00	2.00
774	0.1800	GZ	0.00	2.00
775	0.1800	GZ	0.00	2.00
778	0.1800	GZ	0.00	0.25
779	0.1800	GZ	0.00	0.25
780	0.1800	GZ	0.00	1.75
781	0.1800	GZ	0.00	1.75
782	0.1800	GZ	0.00	1.75
783	0.1800	GZ	0.00	0.25
784	0.1800	GZ	0.00	2.00
785	0.1800	GZ	0.00	2.00
786	0.1800	GZ	0.00	1.75
787	0.1800	GZ	0.00	0.25
788	0.1800	GZ	0.00	2.00
789	0.1800	GZ	0.00	2.00
790	0.1800	GZ	0.00	2.00
791	0.1800	GZ	0.00	1.75
794	0.1800	GZ	0.00	1.75
795	0.1800	GZ	0.00	0.25
796	0.1800	GZ	0.00	1.75
797	0.1800	GZ	0.00	0.25
798	0.1800	GZ	0.00	1.75
799	0.1800	GZ	0.00	0.25
804	0.1800	GZ	0.00	2.00
805	0.1800	GZ	0.00	2.00
806	0.1800	GZ	0.00	2.00
807	0.1800	GZ	0.00	2.00
22	0.3600	GZ	0.00	6.00
24	0.3600	GZ	0.00	6.00
25	0.3600	GZ	0.00	6.00
43	0.3600	GZ	0.00	6.00
59	0.3600	GZ	0.00	6.00
62	0.3600	GZ	0.00	6.00
75	0.3600	GZ	0.00	6.00
76	0.3600	GZ	0.00	6.00
77	0.3600	GZ	0.00	6.00
78	0.3600	GZ	0.00	6.00
81	0.3600	GZ	0.00	6.00
92	0.3600	GZ	0.00	6.00
94	0.3600	GZ	0.00	6.00
96	0.3600	GZ	0.00	6.00
97	0.3600	GZ	0.00	6.00
113	0.3600	GZ	0.00	6.00
124	0.3600	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 74

125	0.3600	GZ	0.00	6.00
126	0.3600	GZ	0.00	6.00
131	0.3600	GZ	0.00	6.00
132	0.3600	GZ	0.00	6.00
133	0.3600	GZ	0.00	6.00
138	0.3600	GZ	0.00	6.00
139	0.3600	GZ	0.00	6.00
140	0.3600	GZ	0.00	1.50
145	0.3600	GZ	0.00	6.00
146	0.3600	GZ	0.00	6.00
147	0.3600	GZ	0.00	1.50
152	0.3600	GZ	0.00	6.00
153	0.3600	GZ	0.00	6.00
154	0.3600	GZ	0.00	6.00
155	0.3600	GZ	0.00	6.00
160	0.3600	GZ	0.00	6.00
163	0.3600	GZ	0.00	6.00
166	0.3600	GZ	0.00	6.00
169	0.3600	GZ	0.00	6.00
174	0.3600	GZ	0.00	6.00
175	0.3600	GZ	0.00	6.00
176	0.3600	GZ	0.00	6.00
177	0.3600	GZ	0.00	6.00
198	0.3600	GZ	0.00	6.00
204	0.3600	GZ	0.00	6.00
205	0.3600	GZ	0.00	6.00
207	0.3600	GZ	0.00	6.00
208	0.3600	GZ	0.00	6.00
210	0.3600	GZ	0.00	6.00
211	0.3600	GZ	0.00	6.00
213	0.3600	GZ	0.00	6.00
214	0.3600	GZ	0.00	6.00
216	0.3600	GZ	0.00	6.00
217	0.3600	GZ	0.00	6.00
221	0.3600	GZ	0.00	6.00
223	0.3600	GZ	0.00	6.00
225	0.3600	GZ	0.00	6.00
227	0.3600	GZ	0.00	6.00
228	0.3600	GZ	0.00	6.00
229	0.3600	GZ	0.00	6.00
230	0.3600	GZ	0.00	6.00
231	0.3600	GZ	0.00	6.00
236	0.3600	GZ	0.00	6.00
237	0.3600	GZ	0.00	6.00
238	0.3600	GZ	0.00	6.00
239	0.3600	GZ	0.00	6.00
244	0.3600	GZ	0.00	6.00
245	0.3600	GZ	0.00	6.00
246	0.3600	GZ	0.00	6.00
247	0.3600	GZ	0.00	6.00
254	0.3600	GZ	0.00	2.00
255	0.3600	GZ	0.00	2.00
256	0.3600	GZ	0.00	6.00
257	0.3600	GZ	0.00	6.00
264	0.3600	GZ	0.00	6.00
265	0.3600	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 75

266	0.3600	GZ	0.00	6.00
267	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	6.00
280	0.3600	GZ	0.00	6.00
281	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	6.00
294	0.3600	GZ	0.00	6.00
295	0.3600	GZ	0.00	6.00
296	0.3600	GZ	0.00	6.00
297	0.3600	GZ	0.00	6.00
309	0.3600	GZ	0.00	6.00
310	0.3600	GZ	0.00	6.00
315	0.3600	GZ	0.00	6.00
316	0.3600	GZ	0.00	6.00
317	0.3600	GZ	0.00	6.00
318	0.3600	GZ	0.00	6.00
319	0.3600	GZ	0.00	6.00
324	0.3600	GZ	0.00	6.00
325	0.3600	GZ	0.00	6.00
326	0.3600	GZ	0.00	6.00
327	0.3600	GZ	0.00	6.00
328	0.3600	GZ	0.00	6.00
337	0.3600	GZ	0.00	6.00
338	0.3600	GZ	0.00	6.00
339	0.3600	GZ	0.00	6.00
340	0.3600	GZ	0.00	6.00
341	0.3600	GZ	0.00	6.00
342	0.3600	GZ	0.00	6.00
362	0.3600	GZ	0.00	2.00
364	0.3600	GZ	0.00	2.00
734	0.3600	GZ	0.00	1.50
744	0.3600	GZ	0.00	2.00
745	0.3600	GZ	0.00	2.00
755	0.3600	GZ	0.00	2.00
756	0.3600	GZ	0.00	2.00
761	0.3600	GZ	0.00	2.00
762	0.3600	GZ	0.00	2.00
769	0.3600	GZ	0.00	2.00
770	0.3600	GZ	0.00	2.00
800	0.3600	GZ	0.00	2.00
801	0.3600	GZ	0.00	2.00
802	0.3600	GZ	0.00	2.00
803	0.3600	GZ	0.00	2.00
436	0.0700	GZ	0.00	6.00
451	0.0700	GZ	0.00	6.00
452	0.0700	GZ	0.00	6.00
465	0.0700	GZ	0.00	3.00
486	0.0700	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 76

492	0.0700	GZ	0.00	6.00
493	0.0700	GZ	0.00	6.00
499	0.0700	GZ	0.00	6.00
518	0.0700	GZ	0.00	6.00
524	0.0700	GZ	0.00	6.00
525	0.0700	GZ	0.00	6.00
531	0.0700	GZ	0.00	6.00
550	0.0700	GZ	0.00	6.00
556	0.0700	GZ	0.00	6.00
557	0.0700	GZ	0.00	6.00
563	0.0700	GZ	0.00	6.00
592	0.0700	GZ	0.00	6.00
598	0.0700	GZ	0.00	3.00
599	0.0700	GZ	0.00	3.00
605	0.0700	GZ	0.00	6.00
626	0.0700	GZ	0.00	6.00
632	0.0700	GZ	0.00	6.00
633	0.0700	GZ	0.00	6.00
639	0.0700	GZ	0.00	6.00
664	0.0700	GZ	0.00	6.00
679	0.0700	GZ	0.00	6.00
701	0.0700	GZ	0.00	6.00
716	0.0700	GZ	0.00	6.00
724	0.0700	GZ	0.00	3.00
437	0.1400	GZ	0.00	6.00
438	0.1400	GZ	0.00	6.00
439	0.1400	GZ	0.00	6.00
440	0.1400	GZ	0.00	6.00
441	0.1400	GZ	0.00	6.00
442	0.1400	GZ	0.00	6.00
443	0.1400	GZ	0.00	6.00
444	0.1400	GZ	0.00	6.00
445	0.1400	GZ	0.00	6.00
446	0.1400	GZ	0.00	6.00
447	0.1400	GZ	0.00	6.00
448	0.1400	GZ	0.00	6.00
449	0.1400	GZ	0.00	6.00
450	0.1400	GZ	0.00	6.00
453	0.1400	GZ	0.00	6.00
454	0.1400	GZ	0.00	6.00
455	0.1400	GZ	0.00	6.00
456	0.1400	GZ	0.00	6.00
457	0.1400	GZ	0.00	6.00
458	0.1400	GZ	0.00	6.00
459	0.1400	GZ	0.00	6.00
460	0.1400	GZ	0.00	6.00
461	0.1400	GZ	0.00	6.00
462	0.1400	GZ	0.00	6.00
463	0.1400	GZ	0.00	6.00
464	0.1400	GZ	0.00	6.00
466	0.1400	GZ	0.00	3.00
487	0.1400	GZ	0.00	6.00
488	0.1400	GZ	0.00	6.00
489	0.1400	GZ	0.00	6.00
490	0.1400	GZ	0.00	6.00
491	0.1400	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 77

494	0.1400	GZ	0.00	6.00
495	0.1400	GZ	0.00	6.00
496	0.1400	GZ	0.00	6.00
497	0.1400	GZ	0.00	6.00
498	0.1400	GZ	0.00	6.00
519	0.1400	GZ	0.00	6.00
520	0.1400	GZ	0.00	6.00
521	0.1400	GZ	0.00	6.00
522	0.1400	GZ	0.00	6.00
523	0.1400	GZ	0.00	6.00
526	0.1400	GZ	0.00	6.00
527	0.1400	GZ	0.00	6.00
528	0.1400	GZ	0.00	6.00
529	0.1400	GZ	0.00	6.00
530	0.1400	GZ	0.00	6.00
551	0.1400	GZ	0.00	6.00
552	0.1400	GZ	0.00	6.00
553	0.1400	GZ	0.00	6.00
554	0.1400	GZ	0.00	6.00
555	0.1400	GZ	0.00	6.00
558	0.1400	GZ	0.00	6.00
559	0.1400	GZ	0.00	6.00
560	0.1400	GZ	0.00	6.00
561	0.1400	GZ	0.00	6.00
562	0.1400	GZ	0.00	6.00
572	0.1400	GZ	0.00	3.00
573	0.1400	GZ	0.00	3.00
593	0.1400	GZ	0.00	6.00
594	0.1400	GZ	0.00	6.00
595	0.1400	GZ	0.00	6.00
596	0.1400	GZ	0.00	6.00
597	0.1400	GZ	0.00	6.00
600	0.1400	GZ	0.00	6.00
601	0.1400	GZ	0.00	6.00
602	0.1400	GZ	0.00	6.00
603	0.1400	GZ	0.00	6.00
604	0.1400	GZ	0.00	6.00
606	0.1400	GZ	0.00	3.00
607	0.1400	GZ	0.00	3.00
627	0.1400	GZ	0.00	6.00
628	0.1400	GZ	0.00	6.00
629	0.1400	GZ	0.00	6.00
630	0.1400	GZ	0.00	6.00
631	0.1400	GZ	0.00	6.00
634	0.1400	GZ	0.00	6.00
635	0.1400	GZ	0.00	6.00
636	0.1400	GZ	0.00	6.00
637	0.1400	GZ	0.00	6.00
638	0.1400	GZ	0.00	6.00
665	0.1400	GZ	0.00	6.00
666	0.1400	GZ	0.00	6.00
667	0.1400	GZ	0.00	6.00
668	0.1400	GZ	0.00	6.00
669	0.1400	GZ	0.00	6.00
670	0.1400	GZ	0.00	6.00
671	0.1400	GZ	0.00	6.00

STAAD SPACE

-- PAGE NO. 78

672	0.1400	GZ	0.00	6.00
673	0.1400	GZ	0.00	6.00
674	0.1400	GZ	0.00	6.00
675	0.1400	GZ	0.00	6.00
676	0.1400	GZ	0.00	6.00
677	0.1400	GZ	0.00	6.00
678	0.1400	GZ	0.00	6.00
702	0.1400	GZ	0.00	6.00
703	0.1400	GZ	0.00	6.00
704	0.1400	GZ	0.00	6.00
705	0.1400	GZ	0.00	6.00
706	0.1400	GZ	0.00	6.00
707	0.1400	GZ	0.00	6.00
708	0.1400	GZ	0.00	6.00
709	0.1400	GZ	0.00	6.00
710	0.1400	GZ	0.00	6.00
711	0.1400	GZ	0.00	6.00
712	0.1400	GZ	0.00	6.00
713	0.1400	GZ	0.00	6.00
714	0.1400	GZ	0.00	6.00
715	0.1400	GZ	0.00	6.00
723	0.1400	GZ	0.00	3.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
528	1.7000	GX	4.95	6.00			
529	0.8020	GX	4.95	6.00			
560	1.7000	GX	0.00	1.45			
561	0.8020	GX	0.00	1.45			
528	1.7000	GX	0.25	2.75			
529	0.8020	GX	0.25	2.75			
560	1.7000	GX	3.25	5.75			
561	0.8020	GX	3.25	5.75			
676				0.1900	GX	1.50	
677				0.1900	GX	1.50	
676				0.1900	GX	4.10	
677				0.1900	GX	4.10	
456				0.3000	GX	0.65	
457				0.3000	GX	0.65	
462				0.3000	GX	0.65	
463				0.3000	GX	0.65	
456				0.3000	GX	3.35	
457				0.3000	GX	3.35	
462				0.3000	GX	3.35	
463				0.3000	GX	3.35	

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
528	1.7000	GY	4.95	6.00			
529	0.8020	GY	4.95	6.00			

STAAD SPACE

-- PAGE NO. 79

560	1.7000	GY	0.00	1.45			
561	0.8020	GY	0.00	1.45			
528	1.7000	GY	0.25	2.75			
529	0.8020	GY	0.25	2.75			
560	1.7000	GY	3.25	5.75			
561	0.8020	GY	3.25	5.75			
676					0.1900	GY	1.50
677					0.1900	GY	1.50
676					0.1900	GY	4.10
677					0.1900	GY	4.10
456					0.3000	GY	0.65
457					0.3000	GY	0.65
462					0.3000	GY	0.65
463					0.3000	GY	0.65
456					0.3000	GY	3.35
457					0.3000	GY	3.35
462					0.3000	GY	3.35
463					0.3000	GY	3.35

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
528	1.7000	GZ	4.95	6.00			
529	0.8020	GZ	4.95	6.00			
560	1.7000	GZ	0.00	1.45			
561	0.8020	GZ	0.00	1.45			
528	1.7000	GZ	0.25	2.75			
529	0.8020	GZ	0.25	2.75			
560	1.7000	GZ	3.25	5.75			
561	0.8020	GZ	3.25	5.75			
676					0.1900	GZ	1.50
677					0.1900	GZ	1.50
676					0.1900	GZ	4.10
677					0.1900	GZ	4.10
456					0.3000	GZ	0.65
457					0.3000	GZ	0.65
462					0.3000	GZ	0.65
463					0.3000	GZ	0.65
456					0.3000	GZ	3.35
457					0.3000	GZ	3.35
462					0.3000	GZ	3.35
463					0.3000	GZ	3.35

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
353	1.8000	GX	0.00	2.00			
354	1.8000	GX	0.00	2.00			
359	1.8000	GX	0.00	2.00			
360	1.8000	GX	0.00	2.00			
361	1.8000	GX	0.00	2.00			
363	1.8000	GX	0.00	2.00			

STAAD SPACE

-- PAGE NO. 80

371	1.8000 GX	0.00	2.00				
372	1.8000 GX	0.00	2.00				
353				0.7500 GX	1.00		
354				0.7500 GX	1.00		
359				0.7500 GX	1.00		
360				0.7500 GX	1.00		
361				0.7500 GX	1.00		
363				0.7500 GX	1.00		
371				0.7500 GX	1.00		
372				0.7500 GX	1.00		

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
353	1.8000 GY	0.00	2.00				
354	1.8000 GY	0.00	2.00				
359	1.8000 GY	0.00	2.00				
360	1.8000 GY	0.00	2.00				
361	1.8000 GY	0.00	2.00				
363	1.8000 GY	0.00	2.00				
371	1.8000 GY	0.00	2.00				
372	1.8000 GY	0.00	2.00				
353				0.7500 GY	1.00		
354				0.7500 GY	1.00		
359				0.7500 GY	1.00		
360				0.7500 GY	1.00		
361				0.7500 GY	1.00		
363				0.7500 GY	1.00		
371				0.7500 GY	1.00		
372				0.7500 GY	1.00		

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
353	1.8000 GZ	0.00	2.00				
354	1.8000 GZ	0.00	2.00				
359	1.8000 GZ	0.00	2.00				
360	1.8000 GZ	0.00	2.00				
361	1.8000 GZ	0.00	2.00				
363	1.8000 GZ	0.00	2.00				
371	1.8000 GZ	0.00	2.00				
372	1.8000 GZ	0.00	2.00				
353				0.7500 GZ	1.00		
354				0.7500 GZ	1.00		
359				0.7500 GZ	1.00		
360				0.7500 GZ	1.00		
361				0.7500 GZ	1.00		
363				0.7500 GZ	1.00		
371				0.7500 GZ	1.00		
372				0.7500 GZ	1.00		

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

DIRECTIONAL VALUES:

SCALE FACTOR = 9.81

X = 1.00 Y = 0.00 Z = 0.00

DAMPING FACTOR = 0.050

PERIOD VS. ACCELERATION

0.0010	0.0300
0.1000	0.0480
0.2000	0.0670
0.3000	0.0670
0.4000	0.0670
0.5000	0.0670
0.6000	0.0670
0.7000	0.0620
0.8000	0.0580
0.9000	0.0540
1.0000	0.0520
1.1000	0.0490
1.2000	0.0470
1.3000	0.0450
1.4000	0.0440
1.5000	0.0420
1.6000	0.0410
1.7000	0.0400
1.8000	0.0380
1.9000	0.0370
2.0000	0.0370
2.1000	0.0360
2.2000	0.0350
2.3000	0.0340
2.4000	0.0330
2.5000	0.0330
2.6000	0.0320
2.7000	0.0310
2.8000	0.0310
2.9000	0.0300
3.0000	0.0300
3.1000	0.0290
3.2000	0.0290
3.3000	0.0280
3.4000	0.0280
3.5000	0.0280
3.6000	0.0270
3.7000	0.0270
3.8000	0.0260
3.9000	0.0260
4.0000	0.0260
4.1000	0.0260
4.2000	0.0250
4.3000	0.0250

STAAD SPACE

-- PAGE NO. 82

4.4000	0.0250
4.5000	0.0240
4.6000	0.0240
4.7000	0.0240
4.8000	0.0240
4.9000	0.0230
5.0000	0.0230

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

LOADING 7 LOADTYPE SEISMIC TITLE SISMO EN Z

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

DIRECTIONAL VALUES:

SCALE FACTOR = 9.81

X = 0.00 Y = 0.00 Z = 1.00

DAMPING FACTOR = 0.050

PERIOD VS. ACCELERATION

0.0010	0.0300
0.1000	0.0480
0.2000	0.0670
0.3000	0.0670
0.4000	0.0670
0.5000	0.0670
0.6000	0.0670
0.7000	0.0620
0.8000	0.0580
0.9000	0.0540
1.0000	0.0520
1.1000	0.0490
1.2000	0.0470
1.3000	0.0450
1.4000	0.0440
1.5000	0.0420
1.6000	0.0410
1.7000	0.0400
1.8000	0.0380
1.9000	0.0370
2.0000	0.0370
2.1000	0.0360
2.2000	0.0350
2.3000	0.0340
2.4000	0.0330
2.5000	0.0330
2.6000	0.0320
2.7000	0.0310
2.8000	0.0310

STAAD SPACE

-- PAGE NO. 83

2.9000	0.0300
3.0000	0.0300
3.1000	0.0290
3.2000	0.0290
3.3000	0.0280
3.4000	0.0280
3.5000	0.0280
3.6000	0.0270
3.7000	0.0270
3.8000	0.0260
3.9000	0.0260
4.0000	0.0260
4.1000	0.0260
4.2000	0.0250
4.3000	0.0250
4.4000	0.0250
4.5000	0.0240
4.6000	0.0240
4.7000	0.0240
4.8000	0.0240
4.9000	0.0230
5.0000	0.0230

LOADING 8 LOADTYPE DEAD TITLE ARRIATES

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
353	-1.8000 GY	0.00	2.00				
354	-1.8000 GY	0.00	2.00				
359	-1.8000 GY	0.00	2.00				
360	-1.8000 GY	0.00	2.00				
361	-1.8000 GY	0.00	2.00				
363	-1.8000 GY	0.00	2.00				
371	-1.8000 GY	0.00	2.00				
372	-1.8000 GY	0.00	2.00				
353				-0.7500 GY	1.00		
354				-0.7500 GY	1.00		
359				-0.7500 GY	1.00		
360				-0.7500 GY	1.00		
361				-0.7500 GY	1.00		
363				-0.7500 GY	1.00		
371				-0.7500 GY	1.00		
372				-0.7500 GY	1.00		

LOADING 9 LOADTYPE DEAD TITLE CV MED

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
7	-0.1000 GY	0.00	6.00				
9	-0.1000 GY	0.00	6.00				
11	-0.1000 GY	0.00	6.00				
13	-0.1000 GY	0.00	6.00				
15	-0.1000 GY	0.00	6.00				
20	-0.1000 GY	0.00	0.25				
26	-0.1000 GY	0.00	2.00				
31	-0.1000 GY	0.00	6.00				
33	-0.1000 GY	0.00	6.00				
40	-0.1000 GY	0.00	2.00				
42	-0.1000 GY	0.00	2.00				
44	-0.1000 GY	0.00	2.00				
49	-0.1000 GY	0.00	6.00				
60	-0.1000 GY	0.00	2.00				
61	-0.1000 GY	0.00	2.00				
63	-0.1000 GY	0.00	6.00				
65	-0.1000 GY	0.00	6.00				
72	-0.1000 GY	0.00	2.00				
74	-0.1000 GY	0.00	2.00				
79	-0.1000 GY	0.00	6.00				
80	-0.1000 GY	0.00	6.00				
82	-0.1000 GY	0.00	2.00				
87	-0.1000 GY	0.00	6.00				
98	-0.1000 GY	0.00	2.00				
103	-0.1000 GY	0.00	6.00				
108	-0.1000 GY	0.00	6.00				
110	-0.1000 GY	0.00	6.00				
112	-0.1000 GY	0.00	6.00				
114	-0.1000 GY	0.00	2.00				
120	-0.1000 GY	0.00	2.00				
127	-0.1000 GY	0.00	2.00				
134	-0.1000 GY	0.00	2.00				
141	-0.1000 GY	0.00	2.00				
148	-0.1000 GY	0.00	2.00				
178	-0.1000 GY	0.00	2.00				
182	-0.1000 GY	0.00	2.00				
186	-0.1000 GY	0.00	2.00				
190	-0.1000 GY	0.00	2.00				
194	-0.1000 GY	0.00	2.00				
203	-0.1000 GY	0.00	0.25				
206	-0.1000 GY	0.00	0.25				
212	-0.1000 GY	0.00	0.25				
215	-0.1000 GY	0.00	0.25				
258	-0.1000 GY	0.00	2.00				
259	-0.1000 GY	0.00	2.00				
262	-0.1000 GY	0.00	2.00				
263	-0.1000 GY	0.00	2.00				
268	-0.1000 GY	0.00	2.00				
269	-0.1000 GY	0.00	2.00				
272	-0.1000 GY	0.00	2.00				

STAAD SPACE

-- PAGE NO. 85

273	-0.1000	GY	0.00	2.00
298	-0.1000	GY	0.00	2.00
300	-0.1000	GY	0.00	2.00
302	-0.1000	GY	0.00	2.00
304	-0.1000	GY	0.00	2.00
306	-0.1000	GY	0.00	0.25
307	-0.1000	GY	0.00	0.25
308	-0.1000	GY	0.00	0.25
329	-0.1000	GY	0.00	2.00
331	-0.1000	GY	0.00	2.00
350	-0.1000	GY	0.00	1.75
352	-0.1000	GY	0.00	1.75
353	-0.1000	GY	0.00	2.00
354	-0.1000	GY	0.00	2.00
356	-0.1000	GY	0.00	1.75
358	-0.1000	GY	0.00	1.75
359	-0.1000	GY	0.00	2.00
360	-0.1000	GY	0.00	2.00
361	-0.1000	GY	0.00	2.00
363	-0.1000	GY	0.00	2.00
368	-0.1000	GY	0.00	1.75
370	-0.1000	GY	0.00	1.75
371	-0.1000	GY	0.00	2.00
372	-0.1000	GY	0.00	2.00
729	-0.1000	GY	0.00	4.50
730	-0.1000	GY	0.00	4.50
738	-0.1000	GY	0.00	1.75
739	-0.1000	GY	0.00	2.00
740	-0.1000	GY	0.00	1.75
741	-0.1000	GY	0.00	0.25
742	-0.1000	GY	0.00	1.75
743	-0.1000	GY	0.00	2.00
746	-0.1000	GY	0.00	0.25
747	-0.1000	GY	0.00	2.00
750	-0.1000	GY	0.00	1.75
751	-0.1000	GY	0.00	0.25
754	-0.1000	GY	0.00	2.00
757	-0.1000	GY	0.00	2.00
758	-0.1000	GY	0.00	1.75
759	-0.1000	GY	0.00	0.25
760	-0.1000	GY	0.00	2.00
763	-0.1000	GY	0.00	2.00
764	-0.1000	GY	0.00	1.75
765	-0.1000	GY	0.00	0.25
768	-0.1000	GY	0.00	2.00
771	-0.1000	GY	0.00	2.00
772	-0.1000	GY	0.00	2.00
773	-0.1000	GY	0.00	2.00
774	-0.1000	GY	0.00	2.00
775	-0.1000	GY	0.00	2.00
778	-0.1000	GY	0.00	0.25
779	-0.1000	GY	0.00	0.25
780	-0.1000	GY	0.00	1.75
781	-0.1000	GY	0.00	1.75
782	-0.1000	GY	0.00	1.75
783	-0.1000	GY	0.00	0.25

STAAD SPACE

-- PAGE NO. 86

784	-0.1000	GY	0.00	2.00
785	-0.1000	GY	0.00	2.00
786	-0.1000	GY	0.00	1.75
787	-0.1000	GY	0.00	0.25
788	-0.1000	GY	0.00	2.00
789	-0.1000	GY	0.00	2.00
790	-0.1000	GY	0.00	2.00
791	-0.1000	GY	0.00	1.75
794	-0.1000	GY	0.00	1.75
795	-0.1000	GY	0.00	0.25
796	-0.1000	GY	0.00	1.75
797	-0.1000	GY	0.00	0.25
798	-0.1000	GY	0.00	1.75
799	-0.1000	GY	0.00	0.25
804	-0.1000	GY	0.00	2.00
805	-0.1000	GY	0.00	2.00
806	-0.1000	GY	0.00	2.00
807	-0.1000	GY	0.00	2.00
22	-0.2000	GY	0.00	6.00
24	-0.2000	GY	0.00	6.00
25	-0.2000	GY	0.00	6.00
43	-0.2000	GY	0.00	6.00
59	-0.2000	GY	0.00	6.00
62	-0.2000	GY	0.00	6.00
75	-0.2000	GY	0.00	6.00
76	-0.2000	GY	0.00	6.00
77	-0.2000	GY	0.00	6.00
78	-0.2000	GY	0.00	6.00
81	-0.2000	GY	0.00	6.00
92	-0.2000	GY	0.00	6.00
94	-0.2000	GY	0.00	6.00
96	-0.2000	GY	0.00	6.00
97	-0.2000	GY	0.00	6.00
113	-0.2000	GY	0.00	6.00
124	-0.2000	GY	0.00	6.00
125	-0.2000	GY	0.00	6.00
126	-0.2000	GY	0.00	6.00
131	-0.2000	GY	0.00	6.00
132	-0.2000	GY	0.00	6.00
133	-0.2000	GY	0.00	6.00
138	-0.2000	GY	0.00	6.00
139	-0.2000	GY	0.00	6.00
140	-0.2000	GY	0.00	1.50
145	-0.2000	GY	0.00	6.00
146	-0.2000	GY	0.00	6.00
147	-0.2000	GY	0.00	1.50
152	-0.2000	GY	0.00	6.00
153	-0.2000	GY	0.00	6.00
154	-0.2000	GY	0.00	6.00
155	-0.2000	GY	0.00	6.00
160	-0.2000	GY	0.00	6.00
163	-0.2000	GY	0.00	6.00
166	-0.2000	GY	0.00	6.00
169	-0.2000	GY	0.00	6.00
174	-0.2000	GY	0.00	6.00
175	-0.2000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 87

176	-0.2000	GY	0.00	6.00
177	-0.2000	GY	0.00	6.00
198	-0.2000	GY	0.00	6.00
204	-0.2000	GY	0.00	6.00
205	-0.2000	GY	0.00	6.00
207	-0.2000	GY	0.00	6.00
208	-0.2000	GY	0.00	6.00
210	-0.2000	GY	0.00	6.00
211	-0.2000	GY	0.00	6.00
213	-0.2000	GY	0.00	6.00
214	-0.2000	GY	0.00	6.00
216	-0.2000	GY	0.00	6.00
217	-0.2000	GY	0.00	6.00
221	-0.2000	GY	0.00	6.00
223	-0.2000	GY	0.00	6.00
225	-0.2000	GY	0.00	6.00
227	-0.2000	GY	0.00	6.00
228	-0.2000	GY	0.00	6.00
229	-0.2000	GY	0.00	6.00
230	-0.2000	GY	0.00	6.00
231	-0.2000	GY	0.00	6.00
236	-0.2000	GY	0.00	6.00
237	-0.2000	GY	0.00	6.00
238	-0.2000	GY	0.00	6.00
239	-0.2000	GY	0.00	6.00
244	-0.2000	GY	0.00	6.00
245	-0.2000	GY	0.00	6.00
246	-0.2000	GY	0.00	6.00
247	-0.2000	GY	0.00	6.00
254	-0.2000	GY	0.00	2.00
255	-0.2000	GY	0.00	2.00
256	-0.2000	GY	0.00	6.00
257	-0.2000	GY	0.00	6.00
264	-0.2000	GY	0.00	6.00
265	-0.2000	GY	0.00	6.00
266	-0.2000	GY	0.00	6.00
267	-0.2000	GY	0.00	6.00
274	-0.2000	GY	0.00	6.00
275	-0.2000	GY	0.00	6.00
276	-0.2000	GY	0.00	6.00
277	-0.2000	GY	0.00	6.00
278	-0.2000	GY	0.00	6.00
279	-0.2000	GY	0.00	6.00
280	-0.2000	GY	0.00	6.00
281	-0.2000	GY	0.00	6.00
286	-0.2000	GY	0.00	6.00
287	-0.2000	GY	0.00	6.00
288	-0.2000	GY	0.00	6.00
289	-0.2000	GY	0.00	6.00
294	-0.2000	GY	0.00	6.00
295	-0.2000	GY	0.00	6.00
296	-0.2000	GY	0.00	6.00
297	-0.2000	GY	0.00	6.00
309	-0.2000	GY	0.00	6.00
310	-0.2000	GY	0.00	6.00
315	-0.2000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 88

316	-0.2000	GY	0.00	6.00
317	-0.2000	GY	0.00	6.00
318	-0.2000	GY	0.00	6.00
319	-0.2000	GY	0.00	6.00
324	-0.2000	GY	0.00	6.00
325	-0.2000	GY	0.00	6.00
326	-0.2000	GY	0.00	6.00
327	-0.2000	GY	0.00	6.00
328	-0.2000	GY	0.00	6.00
337	-0.2000	GY	0.00	6.00
338	-0.2000	GY	0.00	6.00
339	-0.2000	GY	0.00	6.00
340	-0.2000	GY	0.00	6.00
341	-0.2000	GY	0.00	6.00
342	-0.2000	GY	0.00	6.00
362	-0.2000	GY	0.00	2.00
364	-0.2000	GY	0.00	2.00
734	-0.2000	GY	0.00	1.50
744	-0.2000	GY	0.00	2.00
745	-0.2000	GY	0.00	2.00
755	-0.2000	GY	0.00	2.00
756	-0.2000	GY	0.00	2.00
761	-0.2000	GY	0.00	2.00
762	-0.2000	GY	0.00	2.00
769	-0.2000	GY	0.00	2.00
770	-0.2000	GY	0.00	2.00
800	-0.2000	GY	0.00	2.00
801	-0.2000	GY	0.00	2.00
802	-0.2000	GY	0.00	2.00
803	-0.2000	GY	0.00	2.00
436	-0.0150	GY	0.00	6.00
451	-0.0150	GY	0.00	6.00
452	-0.0150	GY	0.00	6.00
465	-0.0150	GY	0.00	3.00
486	-0.0150	GY	0.00	6.00
492	-0.0150	GY	0.00	6.00
493	-0.0150	GY	0.00	6.00
499	-0.0150	GY	0.00	6.00
518	-0.0150	GY	0.00	6.00
524	-0.0150	GY	0.00	6.00
525	-0.0150	GY	0.00	6.00
531	-0.0150	GY	0.00	6.00
550	-0.0150	GY	0.00	6.00
556	-0.0150	GY	0.00	6.00
557	-0.0150	GY	0.00	6.00
563	-0.0150	GY	0.00	6.00
592	-0.0150	GY	0.00	6.00
598	-0.0150	GY	0.00	3.00
599	-0.0150	GY	0.00	3.00
605	-0.0150	GY	0.00	6.00
626	-0.0150	GY	0.00	6.00
632	-0.0150	GY	0.00	6.00
633	-0.0150	GY	0.00	6.00
639	-0.0150	GY	0.00	6.00
664	-0.0150	GY	0.00	6.00
679	-0.0150	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 89

701	-0.0150	GY	0.00	6.00
716	-0.0150	GY	0.00	6.00
724	-0.0150	GY	0.00	3.00
437	-0.0300	GY	0.00	6.00
438	-0.0300	GY	0.00	6.00
439	-0.0300	GY	0.00	6.00
440	-0.0300	GY	0.00	6.00
441	-0.0300	GY	0.00	6.00
442	-0.0300	GY	0.00	6.00
443	-0.0300	GY	0.00	6.00
444	-0.0300	GY	0.00	6.00
445	-0.0300	GY	0.00	6.00
446	-0.0300	GY	0.00	6.00
447	-0.0300	GY	0.00	6.00
448	-0.0300	GY	0.00	6.00
449	-0.0300	GY	0.00	6.00
450	-0.0300	GY	0.00	6.00
453	-0.0300	GY	0.00	6.00
454	-0.0300	GY	0.00	6.00
455	-0.0300	GY	0.00	6.00
456	-0.0300	GY	0.00	6.00
457	-0.0300	GY	0.00	6.00
458	-0.0300	GY	0.00	6.00
459	-0.0300	GY	0.00	6.00
460	-0.0300	GY	0.00	6.00
461	-0.0300	GY	0.00	6.00
462	-0.0300	GY	0.00	6.00
463	-0.0300	GY	0.00	6.00
464	-0.0300	GY	0.00	6.00
466	-0.0300	GY	0.00	3.00
487	-0.0300	GY	0.00	6.00
488	-0.0300	GY	0.00	6.00
489	-0.0300	GY	0.00	6.00
490	-0.0300	GY	0.00	6.00
491	-0.0300	GY	0.00	6.00
494	-0.0300	GY	0.00	6.00
495	-0.0300	GY	0.00	6.00
496	-0.0300	GY	0.00	6.00
497	-0.0300	GY	0.00	6.00
498	-0.0300	GY	0.00	6.00
519	-0.0300	GY	0.00	6.00
520	-0.0300	GY	0.00	6.00
521	-0.0300	GY	0.00	6.00
522	-0.0300	GY	0.00	6.00
523	-0.0300	GY	0.00	6.00
526	-0.0300	GY	0.00	6.00
527	-0.0300	GY	0.00	6.00
528	-0.0300	GY	0.00	6.00
529	-0.0300	GY	0.00	6.00
530	-0.0300	GY	0.00	6.00
551	-0.0300	GY	0.00	6.00
552	-0.0300	GY	0.00	6.00
553	-0.0300	GY	0.00	6.00
554	-0.0300	GY	0.00	6.00
555	-0.0300	GY	0.00	6.00
558	-0.0300	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 90

559	-0.0300	GY	0.00	6.00
560	-0.0300	GY	0.00	6.00
561	-0.0300	GY	0.00	6.00
562	-0.0300	GY	0.00	6.00
572	-0.0300	GY	0.00	3.00
573	-0.0300	GY	0.00	3.00
593	-0.0300	GY	0.00	6.00
594	-0.0300	GY	0.00	6.00
595	-0.0300	GY	0.00	6.00
596	-0.0300	GY	0.00	6.00
597	-0.0300	GY	0.00	6.00
600	-0.0300	GY	0.00	6.00
601	-0.0300	GY	0.00	6.00
602	-0.0300	GY	0.00	6.00
603	-0.0300	GY	0.00	6.00
604	-0.0300	GY	0.00	6.00
606	-0.0300	GY	0.00	3.00
607	-0.0300	GY	0.00	3.00
627	-0.0300	GY	0.00	6.00
628	-0.0300	GY	0.00	6.00
629	-0.0300	GY	0.00	6.00
630	-0.0300	GY	0.00	6.00
631	-0.0300	GY	0.00	6.00
634	-0.0300	GY	0.00	6.00
635	-0.0300	GY	0.00	6.00
636	-0.0300	GY	0.00	6.00
637	-0.0300	GY	0.00	6.00
638	-0.0300	GY	0.00	6.00
665	-0.0300	GY	0.00	6.00
666	-0.0300	GY	0.00	6.00
667	-0.0300	GY	0.00	6.00
668	-0.0300	GY	0.00	6.00
669	-0.0300	GY	0.00	6.00
670	-0.0300	GY	0.00	6.00
671	-0.0300	GY	0.00	6.00
672	-0.0300	GY	0.00	6.00
673	-0.0300	GY	0.00	6.00
674	-0.0300	GY	0.00	6.00
675	-0.0300	GY	0.00	6.00
676	-0.0300	GY	0.00	6.00
677	-0.0300	GY	0.00	6.00
678	-0.0300	GY	0.00	6.00
702	-0.0300	GY	0.00	6.00
703	-0.0300	GY	0.00	6.00
704	-0.0300	GY	0.00	6.00
705	-0.0300	GY	0.00	6.00
706	-0.0300	GY	0.00	6.00
707	-0.0300	GY	0.00	6.00
708	-0.0300	GY	0.00	6.00
709	-0.0300	GY	0.00	6.00
710	-0.0300	GY	0.00	6.00
711	-0.0300	GY	0.00	6.00
712	-0.0300	GY	0.00	6.00
713	-0.0300	GY	0.00	6.00
714	-0.0300	GY	0.00	6.00
715	-0.0300	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 91

723 -0.0300 GY 0.00 3.00

*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 401 EQN.NO. 1998
LOADS APPLIED OR DISTRIBUTED HERE FROM ELEMENTS WILL BE IGNORED.
THIS MAY BE DUE TO ALL MEMBERS AT THIS JOINT BEING RELEASED OR
EFFECTIVELY RELEASED IN THIS DIRECTION.

*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 409 EQN.NO. 2037
*WARNING- ZERO STIFFNESS IN DIRECTION 2 AT JOINT 393 EQN.NO. 2120
*WARNING- ZERO STIFFNESS IN DIRECTION 4 AT JOINT 393 EQN.NO. 2122
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 393 EQN.NO. 2124
*WARNING- ZERO STIFFNESS IN DIRECTION 2 AT JOINT 394 EQN.NO. 2126
*WARNING- ZERO STIFFNESS IN DIRECTION 4 AT JOINT 394 EQN.NO. 2128
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 394 EQN.NO. 2130

EIGEN METHOD : SUBSPACE

NUMBER OF MODES REQUESTED = 6
NUMBER OF EXISTING MASSES IN THE MODEL = 1017
NUMBER OF MODES THAT WILL BE USED = 6

CALCULATED FREQUENCIES FOR LOAD CASE 6

MODE	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	ACCURACY
1	1.560	0.64115	8.878E-16
2	1.971	0.50746	5.562E-16
3	2.044	0.48923	3.446E-16
4	2.695	0.37105	1.023E-09
5	2.761	0.36215	2.673E-07
6	2.763	0.36190	1.198E-09

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	2.937	0.34048	9.382E-06
8	3.145	0.31794	3.041E-06
9	3.173	0.31520	1.578E-06
10	3.213	0.31123	3.363E-05

RESPONSE LOAD CASE 6

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	3.939115E-02	5.260477E-02	1.751827E+03	8.498400E+02
2	1.608889E+03	3.039653E+00	5.276154E-01	5.051327E+02
3	1.540081E+02	1.986211E-01	2.554641E+00	5.177588E+02
4	1.017759E-02	2.114677E-02	3.723373E+01	7.900866E+01
5	1.296714E-05	1.095829E-02	1.093352E-04	6.707238E+01
6	1.646554E-01	2.791413E-02	5.998339E-04	5.274506E+01

SRSS MODAL COMBINATION METHOD USED.

DYNAMIC WEIGHT X Y Z 1.973036E+03 1.973036E+03 1.973036E+03 MTON
MISSING WEIGHT X Y Z -2.099249E+02 -1.969685E+03 -1.808921E+02 MTON
MODAL WEIGHT X Y Z 1.763111E+03 3.350898E+00 1.792144E+03 MTON

MODE	ACCELERATION-G	DAMPING
----	-----	-----
1	0.06496	0.05000
2	0.06702	0.05000
3	0.06702	0.05000
4	0.06702	0.05000
5	0.06702	0.05000
6	0.06702	0.05000

MODAL BASE ACTIONS FORCES IN MTON LENGTH IN METE

MOMENTS ARE ABOUT THE ORIGIN

MODE	PERIOD	FX	FY	FZ	MX	MY	MZ
1	0.641	0.00	-0.00	0.54	2.84	-8.07	-0.06
2	0.507	107.83	-4.69	-1.95	60.79	2517.44	-604.26
3	0.489	10.32	0.37	1.33	1.88	702.93	-49.63
4	0.371	0.00	-0.00	-0.04	0.07	0.96	-0.00
5	0.362	0.00	0.00	0.00	-0.00	-0.00	0.00
6	0.362	0.01	0.00	0.00	-0.11	1.61	0.41

MASS PARTICIPATION FACTORS IN PERCENT

BASE SHEAR IN MTON

MODE	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z	
1	0.00	0.00	88.79	0.002	0.003	88.788	0.00	0.00	0.00	
2	81.54	0.15	0.03	81.546	0.157	88.815	107.83	0.00	0.00	
3	7.81	0.01	0.13	89.351	0.167	88.945	10.32	0.00	0.00	
4	0.00	0.00	1.89	89.352	0.168	90.832	0.00	0.00	0.00	
5	0.00	0.00	0.00	89.352	0.168	90.832	0.00	0.00	0.00	
6	0.01	0.00	0.00	89.360	0.170	90.832	0.01	0.00	0.00	
							TOTAL SRSS SHEAR	108.33	0.00	0.00
							TOTAL 10PCT SHEAR	118.15	0.00	0.00
							TOTAL ABS SHEAR	118.17	0.00	0.00

RESPONSE LOAD CASE 7

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	3.939115E-02	5.260477E-02	1.751827E+03	8.498400E+02
2	1.608889E+03	3.039653E+00	5.276154E-01	5.051327E+02
3	1.540081E+02	1.986211E-01	2.554641E+00	5.177588E+02
4	1.017759E-02	2.114677E-02	3.723373E+01	7.900866E+01
5	1.296714E-05	1.095829E-02	1.093352E-04	6.707238E+01
6	1.646554E-01	2.791413E-02	5.998339E-04	5.274506E+01

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 1.973036E+03 1.973036E+03 1.973036E+03 MTON
 MISSING WEIGHT X Y Z -2.099249E+02 -1.969685E+03 -1.808921E+02 MTON
 MODAL WEIGHT X Y Z 1.763111E+03 3.350898E+00 1.792144E+03 MTON

MODE	ACCELERATION-G	DAMPING
----	-----	-----
1	0.06496	0.05000
2	0.06702	0.05000
3	0.06702	0.05000
4	0.06702	0.05000
5	0.06702	0.05000
6	0.06702	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	0.641	0.54	-0.62	113.81	598.60	-1702.47	-12.00
2	0.507	-1.95	0.08	0.04	-1.10	-45.59	10.94
3	0.489	1.33	0.05	0.17	0.24	90.53	-6.39
4	0.371	-0.04	0.06	2.50	-4.45	-57.84	0.15
5	0.362	0.00	0.00	0.00	-0.00	-0.00	0.00
6	0.362	0.00	0.00	0.00	-0.01	0.10	0.02

MASS PARTICIPATION FACTORS IN PERCENT

BASE SHEAR IN MTON

MODE	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	0.00	0.00	88.79	0.002	0.003	88.788	0.00	0.00	113.81
2	81.54	0.15	0.03	81.546	0.157	88.815	0.00	0.00	0.04
3	7.81	0.01	0.13	89.351	0.167	88.945	0.00	0.00	0.17
4	0.00	0.00	1.89	89.352	0.168	90.832	0.00	0.00	2.50
5	0.00	0.00	0.00	89.352	0.168	90.832	0.00	0.00	0.00
6	0.01	0.00	0.00	89.360	0.170	90.832	0.00	0.00	0.00

TOTAL SRSS SHEAR							0.00	0.00	113.83
TOTAL 10PCT SHEAR							0.00	0.00	113.83
TOTAL ABS SHEAR							0.00	0.00	116.51

FOR LOADING - 1

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	-7.51627E-01	0.00000E+00	1.97098E-01	0.00000E+00	-2.18998E-02
3	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	-9.17392E-01	0.00000E+00	2.97164E-01	0.00000E+00	0.00000E+00
5	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
6	0.00000E+00	-8.76456E-01	0.00000E+00	4.16096E-02	0.00000E+00	-1.75199E-01
7	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8	0.00000E+00	-1.00785E+00	0.00000E+00	4.16096E-02	0.00000E+00	6.59251E-08
9	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.00000E+00	-1.00785E+00	0.00000E+00	4.16096E-02	0.00000E+00	-1.09875E-07
11	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	-8.10756E-01	0.00000E+00	4.16096E-02	0.00000E+00	1.97098E-01
13	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
14	0.00000E+00	-9.84102E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.36920E-02
15	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	0.00000E+00	-1.00785E+00	0.00000E+00	4.39501E-08	0.00000E+00	-4.16096E-02
17	0.00000E+00	-9.14107E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
18	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	-7.88595E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.59639E-03
20	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	0.00000E+00	-9.48220E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.96572E-01
22	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	-1.10148E+00	0.00000E+00	1.82042E-02	0.00000E+00	-1.09875E-07
24	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
25	0.00000E+00	-9.04378E-01	0.00000E+00	1.82042E-02	0.00000E+00	1.97098E-01
26	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-9.84102E-01	0.00000E+00	-6.59251E-08	0.00000E+00	-3.36920E-02
28	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	-1.00785E+00	0.00000E+00	1.09875E-07	0.00000E+00	-4.16096E-02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
30	0.00000E+00	-8.73171E-01	0.00000E+00	-4.09357E-02	0.00000E+00	0.00000E+00
31	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-7.54154E-01	0.00000E+00	-7.91763E-03	0.00000E+00	2.25841E-03
33	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-7.88646E-01	0.00000E+00	-7.91763E-03	0.00000E+00	-2.15576E-02
35	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.04829E+00	0.00000E+00	2.61619E-01	0.00000E+00	0.00000E+00
37	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-9.82586E-01	0.00000E+00	2.61619E-01	0.00000E+00	2.18999E-02
39	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0.00000E+00	-1.00785E+00	0.00000E+00	-1.09875E-07	0.00000E+00	-4.16096E-02
41	0.00000E+00	-8.32235E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
42	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-1.02617E+00	0.00000E+00	2.69536E-01	0.00000E+00	4.12674E-02
44	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-9.67045E-01	0.00000E+00	2.69536E-01	0.00000E+00	-2.15576E-02
46	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	-1.22668E+00	0.00000E+00	-1.53825E-07	0.00000E+00	0.00000E+00
48	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
49	0.00000E+00	-1.16098E+00	0.00000E+00	-1.53825E-07	0.00000E+00	2.18999E-02
50	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.00785E+00	0.00000E+00	0.00000E+00	0.00000E+00	-4.16096E-02
52	0.00000E+00	-8.32235E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-9.66995E-01	0.00000E+00	-2.61619E-01	0.00000E+00	2.59639E-03
55	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-9.95220E-01	0.00000E+00	-2.61619E-01	0.00000E+00	-2.13734E-02
57	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-1.04828E+00	0.00000E+00	-2.61619E-01	0.00000E+00	0.00000E+00
59	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-9.82586E-01	0.00000E+00	-2.61619E-01	0.00000E+00	2.18999E-02
61	0.00000E+00	-9.34398E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-8.50429E-01	0.00000E+00	1.36453E-01	0.00000E+00	0.00000E+00
63	0.00000E+00	-5.68689E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-6.78028E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	-8.32235E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-6.71524E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
67	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-9.48725E-01	0.00000E+00	2.19750E-07	0.00000E+00	-2.18998E-02
69	0.00000E+00	-1.22062E+00	0.00000E+00	6.06485E-03	0.00000E+00	0.00000E+00
70	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
71	0.00000E+00	-9.42155E-01	0.00000E+00	-1.97098E-02	0.00000E+00	-1.75199E-01
72	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
73	0.00000E+00	-1.07355E+00	0.00000E+00	-1.97098E-02	0.00000E+00	6.59251E-08
74	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-1.07355E+00	0.00000E+00	-1.97098E-02	0.00000E+00	-1.09875E-07
76	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	-8.76456E-01	0.00000E+00	-1.97098E-02	0.00000E+00	1.97098E-01
78	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	-7.51627E-01	0.00000E+00	-1.97098E-01	0.00000E+00	-2.18998E-02
80	0.00000E+00	-9.23456E-01	0.00000E+00	-3.03228E-01	0.00000E+00	0.00000E+00
81	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-8.17326E-01	0.00000E+00	-2.18999E-02	0.00000E+00	-1.75199E-01

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
83	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-9.48725E-01	0.00000E+00	-2.18999E-02	0.00000E+00	6.59251E-08
85	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-9.48725E-01	0.00000E+00	-2.18999E-02	0.00000E+00	-1.09875E-07
87	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0.00000E+00	-7.51627E-01	0.00000E+00	-2.18999E-02	0.00000E+00	1.97098E-01
89	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
99	0.00000E+00	-7.51634E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0.00000E+00	-8.32235E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-6.72218E-01	0.00000E+00	-1.82042E-02	0.00000E+00	0.00000E+00
102	0.00000E+00	-6.64326E-01	0.00000E+00	5.20121E-02	0.00000E+00	0.00000E+00
103	0.00000E+00	-4.10369E-01	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
104	0.00000E+00	-5.71080E-01	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
105	0.00000E+00	-2.54333E-01	0.00000E+00	7.80182E-03	0.00000E+00	0.00000E+00
107	0.00000E+00	-4.10369E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
108	0.00000E+00	-5.71080E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
109	0.00000E+00	-2.54333E-01	0.00000E+00	-7.80182E-03	0.00000E+00	0.00000E+00
111	0.00000E+00	-9.62118E-01	0.00000E+00	-9.55169E-02	0.00000E+00	0.00000E+00
112	0.00000E+00	-2.92110E-01	0.00000E+00	1.60711E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-5.23574E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-2.92110E-01	0.00000E+00	1.60711E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-5.23574E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	-2.92110E-01	0.00000E+00	1.60711E-01	0.00000E+00	-6.86720E-09
117	0.00000E+00	-5.64510E-01	0.00000E+00	4.09358E-02	0.00000E+00	-1.09875E-08
118	0.00000E+00	-3.33046E-01	0.00000E+00	2.01647E-01	0.00000E+00	1.51078E-08
119	0.00000E+00	-7.21929E-01	0.00000E+00	9.55169E-02	0.00000E+00	-8.24068E-03
120	0.00000E+00	-5.71080E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
121	0.00000E+00	-5.71080E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
122	0.00000E+00	-6.52951E-01	0.00000E+00	4.39501E-08	0.00000E+00	-1.37344E-08
123	0.00000E+00	-8.12778E-01	0.00000E+00	6.59251E-08	0.00000E+00	1.82042E-02
124	0.00000E+00	-2.61459E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
125	0.00000E+00	-4.22170E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
126	0.00000E+00	-5.71080E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
127	0.00000E+00	-4.10369E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
128	0.00000E+00	-2.61459E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-4.22170E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-5.97427E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-6.78028E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	-8.32235E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-6.71524E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	-2.61459E-01	0.00000E+00	-6.31782E-08	0.00000E+00	0.00000E+00
137	0.00000E+00	-4.22170E-01	0.00000E+00	-6.31782E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
138	0.00000E+00	-5.71080E-01	0.00000E+00	-6.31782E-08	0.00000E+00	0.00000E+00
139	0.00000E+00	-4.10369E-01	0.00000E+00	-6.31782E-08	0.00000E+00	0.00000E+00
140	0.00000E+00	-2.61459E-01	0.00000E+00	6.31782E-08	0.00000E+00	0.00000E+00
141	0.00000E+00	-4.22170E-01	0.00000E+00	6.31782E-08	0.00000E+00	0.00000E+00
142	0.00000E+00	-5.71080E-01	0.00000E+00	6.31782E-08	0.00000E+00	0.00000E+00
143	0.00000E+00	-4.10369E-01	0.00000E+00	6.31782E-08	0.00000E+00	0.00000E+00
144	0.00000E+00	-8.66601E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
145	0.00000E+00	-5.23574E-01	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
146	0.00000E+00	-5.23574E-01	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
147	0.00000E+00	-5.64510E-01	0.00000E+00	-4.09359E-02	0.00000E+00	-1.09875E-08
148	0.00000E+00	-7.21929E-01	0.00000E+00	-9.55170E-02	0.00000E+00	-8.24068E-03
149	0.00000E+00	-5.71080E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
150	0.00000E+00	-5.71080E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
151	0.00000E+00	-5.71080E-01	0.00000E+00	8.79001E-08	0.00000E+00	-1.37344E-08
152	0.00000E+00	-6.21744E-01	0.00000E+00	1.09875E-07	0.00000E+00	1.82042E-02
153	0.00000E+00	-5.71080E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
154	0.00000E+00	-5.71080E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
155	0.00000E+00	-5.71080E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-1.37344E-08
156	0.00000E+00	-6.52951E-01	0.00000E+00	-1.09875E-07	0.00000E+00	2.74688E-08
157	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-5.71080E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.37344E-08
160	0.00000E+00	-6.21744E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.82042E-02
161	0.00000E+00	-2.24263E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.13279E-03
162	0.00000E+00	-2.24263E-01	0.00000E+00	0.00000E+00	0.00000E+00	5.13277E-03
163	0.00000E+00	-3.34435E-01	0.00000E+00	1.43865E-01	0.00000E+00	-5.13279E-03
164	0.00000E+00	-3.34435E-01	0.00000E+00	1.43865E-01	0.00000E+00	5.13277E-03
165	0.00000E+00	-4.00767E-01	0.00000E+00	-1.43865E-01	0.00000E+00	-7.89660E-03
166	0.00000E+00	-4.00767E-01	0.00000E+00	-1.43865E-01	0.00000E+00	7.89658E-03
167	0.00000E+00	-2.92110E-01	0.00000E+00	1.60711E-01	0.00000E+00	3.29626E-08
168	0.00000E+00	-2.92110E-01	0.00000E+00	1.60711E-01	0.00000E+00	-3.29626E-08
169	0.00000E+00	-4.52821E-01	0.00000E+00	-8.79001E-08	0.00000E+00	3.29626E-08
170	0.00000E+00	-4.52821E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-3.29626E-08
171	0.00000E+00	-2.92110E-01	0.00000E+00	-1.60711E-01	0.00000E+00	3.29626E-08
172	0.00000E+00	-2.92110E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-3.29626E-08
173	0.00000E+00	-2.92110E-01	0.00000E+00	1.60711E-01	0.00000E+00	3.29626E-08
174	0.00000E+00	-2.92110E-01	0.00000E+00	1.60711E-01	0.00000E+00	-6.72985E-08
175	0.00000E+00	-4.52821E-01	0.00000E+00	-8.79001E-08	0.00000E+00	3.29626E-08
176	0.00000E+00	-4.52821E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-6.72985E-08
177	0.00000E+00	-2.92110E-01	0.00000E+00	-1.60711E-01	0.00000E+00	3.29626E-08
178	0.00000E+00	-2.92110E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-6.72985E-08
179	0.00000E+00	-5.08084E-01	0.00000E+00	4.09358E-02	0.00000E+00	6.75528E-03
180	0.00000E+00	-4.93757E-01	0.00000E+00	4.09358E-02	0.00000E+00	0.00000E+00
181	0.00000E+00	-4.93757E-01	0.00000E+00	4.09358E-02	0.00000E+00	-6.86720E-09
182	0.00000E+00	-5.49020E-01	0.00000E+00	0.00000E+00	0.00000E+00	-6.75526E-03
183	0.00000E+00	-5.34692E-01	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
184	0.00000E+00	-5.34692E-01	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
185	0.00000E+00	-5.34692E-01	0.00000E+00	2.19750E-07	0.00000E+00	-6.86720E-09
186	0.00000E+00	-5.34692E-01	0.00000E+00	2.19750E-07	0.00000E+00	1.51078E-08
187	0.00000E+00	-3.33046E-01	0.00000E+00	-2.01647E-01	0.00000E+00	0.00000E+00
188	0.00000E+00	-3.33046E-01	0.00000E+00	-2.01647E-01	0.00000E+00	0.00000E+00
189	0.00000E+00	-3.33046E-01	0.00000E+00	-2.01647E-01	0.00000E+00	-6.86720E-09
190	0.00000E+00	-3.33046E-01	0.00000E+00	-2.01647E-01	0.00000E+00	1.51078E-08

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
191	0.00000E+00	-2.61459E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-4.22170E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
193	0.00000E+00	-2.61459E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
194	0.00000E+00	-4.22170E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
195	0.00000E+00	-4.10369E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
196	0.00000E+00	-5.71080E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
197	0.00000E+00	-4.10369E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
198	0.00000E+00	-5.71080E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
199	0.00000E+00	-5.71080E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
200	0.00000E+00	-5.71080E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
201	0.00000E+00	-5.71080E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
202	0.00000E+00	-5.71080E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
203	0.00000E+00	-4.10369E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
204	0.00000E+00	-4.10369E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
205	0.00000E+00	-4.10369E-01	0.00000E+00	1.29103E-07	0.00000E+00	0.00000E+00
206	0.00000E+00	-4.10369E-01	0.00000E+00	-1.29103E-07	0.00000E+00	0.00000E+00
207	0.00000E+00	-2.92110E-01	0.00000E+00	6.72985E-08	0.00000E+00	0.00000E+00
208	0.00000E+00	-4.52821E-01	0.00000E+00	6.72985E-08	0.00000E+00	0.00000E+00
209	0.00000E+00	-2.92110E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	-4.52821E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-4.52821E-01	0.00000E+00	6.72985E-08	0.00000E+00	0.00000E+00
212	0.00000E+00	-4.52821E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-2.92110E-01	0.00000E+00	6.72985E-08	0.00000E+00	0.00000E+00
214	0.00000E+00	-2.92110E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	-2.90657E-01	0.00000E+00	2.86384E-03	0.00000E+00	-7.54125E-03
216	0.00000E+00	-2.90657E-01	0.00000E+00	2.86384E-03	0.00000E+00	7.54123E-03
217	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86382E-03	0.00000E+00	-7.54125E-03
218	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86382E-03	0.00000E+00	7.54123E-03
219	0.00000E+00	-2.90657E-01	0.00000E+00	2.86379E-03	0.00000E+00	-7.54125E-03
220	0.00000E+00	-2.90657E-01	0.00000E+00	2.86379E-03	0.00000E+00	7.54123E-03
221	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86379E-03	0.00000E+00	-7.54125E-03
222	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86379E-03	0.00000E+00	7.54123E-03
223	0.00000E+00	-2.90657E-01	0.00000E+00	2.86379E-03	0.00000E+00	-7.54125E-03
224	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86377E-03	0.00000E+00	-7.54125E-03
225	0.00000E+00	-2.90657E-01	0.00000E+00	2.86379E-03	0.00000E+00	7.54123E-03
226	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86377E-03	0.00000E+00	7.54123E-03
227	0.00000E+00	-2.90657E-01	0.00000E+00	2.86388E-03	0.00000E+00	-7.54125E-03
228	0.00000E+00	-2.90657E-01	0.00000E+00	2.86388E-03	0.00000E+00	7.54123E-03
229	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86388E-03	0.00000E+00	-7.54125E-03
230	0.00000E+00	-2.90657E-01	0.00000E+00	-2.86388E-03	0.00000E+00	7.54123E-03
231	0.00000E+00	-4.75437E-01	0.00000E+00	1.60711E-01	0.00000E+00	-1.78568E-02
232	0.00000E+00	-6.65459E-01	0.00000E+00	2.97164E-01	0.00000E+00	0.00000E+00
233	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
234	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
235	0.00000E+00	-6.65459E-01	0.00000E+00	2.97164E-01	0.00000E+00	0.00000E+00
236	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-6.86720E-09
237	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	1.23610E-08
238	0.00000E+00	-6.65460E-01	0.00000E+00	2.97164E-01	0.00000E+00	0.00000E+00
239	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-1.23610E-08
240	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
241	0.00000E+00	-6.65460E-01	0.00000E+00	2.97164E-01	0.00000E+00	0.00000E+00
242	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	2.74688E-08
243	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-2.74688E-08

STAAD SPACE

-- PAGE NO. 101

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
244	0.00000E+00	-4.75437E-01	0.00000E+00	1.60711E-01	0.00000E+00	1.78568E-02
245	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	2.74688E-08
246	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-5.49376E-08
247	0.00000E+00	-6.81632E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.30182E-02
248	0.00000E+00	-8.71655E-01	0.00000E+00	-1.36453E-01	0.00000E+00	1.51614E-02
249	0.00000E+00	-5.01337E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
250	0.00000E+00	-5.01337E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
251	0.00000E+00	-9.62623E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
252	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	-6.86720E-09
253	0.00000E+00	-4.49788E-01	0.00000E+00	3.94197E-02	0.00000E+00	1.23610E-08
254	0.00000E+00	-9.62623E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
255	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.23610E-08
256	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
257	0.00000E+00	-9.49231E-01	0.00000E+00	0.00000E+00	0.00000E+00	7.81235E-03
258	0.00000E+00	-4.49788E-01	0.00000E+00	3.94197E-02	0.00000E+00	2.74688E-08
259	0.00000E+00	-4.49788E-01	0.00000E+00	3.94197E-02	0.00000E+00	-2.74688E-08
260	0.00000E+00	-5.55792E-01	0.00000E+00	-1.20533E-01	0.00000E+00	1.78568E-02
261	0.00000E+00	-2.18577E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-1.67407E-02
262	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-5.49376E-08
263	0.00000E+00	-6.81632E-01	0.00000E+00	3.29626E-08	0.00000E+00	-3.30182E-02
264	0.00000E+00	-7.80686E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
265	0.00000E+00	-5.01337E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
266	0.00000E+00	-5.01337E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
267	0.00000E+00	-9.33816E-01	0.00000E+00	6.59251E-08	0.00000E+00	-1.57931E-02
268	0.00000E+00	-5.01337E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.37344E-08
269	0.00000E+00	-5.55413E-01	0.00000E+00	4.39501E-08	0.00000E+00	1.44455E-02
270	0.00000E+00	-9.62623E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
271	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-1.23610E-08
272	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
273	0.00000E+00	-9.49231E-01	0.00000E+00	6.59251E-08	0.00000E+00	7.81235E-03
274	0.00000E+00	-4.89208E-01	0.00000E+00	4.39501E-08	0.00000E+00	2.74688E-08
275	0.00000E+00	-4.89208E-01	0.00000E+00	4.39501E-08	0.00000E+00	-2.74688E-08
276	0.00000E+00	-5.55792E-01	0.00000E+00	1.20533E-01	0.00000E+00	1.78568E-02
277	0.00000E+00	-2.18577E-01	0.00000E+00	1.51614E-01	0.00000E+00	-1.67407E-02
278	0.00000E+00	-3.34562E-01	0.00000E+00	1.13711E-01	0.00000E+00	-5.49376E-08
279	0.00000E+00	-6.81632E-01	0.00000E+00	-5.49376E-08	0.00000E+00	-3.30182E-02
280	0.00000E+00	-7.35202E-01	0.00000E+00	-5.49376E-08	0.00000E+00	1.51614E-02
281	0.00000E+00	-5.01337E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
282	0.00000E+00	-5.01337E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
283	0.00000E+00	-9.09053E-01	0.00000E+00	-8.79001E-08	0.00000E+00	1.78568E-02
284	0.00000E+00	-4.10369E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-6.86720E-09
285	0.00000E+00	-4.49788E-01	0.00000E+00	-3.94197E-02	0.00000E+00	1.23610E-08
286	0.00000E+00	-9.09053E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-1.78568E-02
287	0.00000E+00	-9.62623E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
288	0.00000E+00	-4.49788E-01	0.00000E+00	-3.94197E-02	0.00000E+00	2.74688E-08
289	0.00000E+00	-4.49788E-01	0.00000E+00	-3.94197E-02	0.00000E+00	-2.74688E-08
290	0.00000E+00	-6.36147E-01	0.00000E+00	-5.49376E-08	0.00000E+00	1.78568E-02
291	0.00000E+00	-4.10369E-01	0.00000E+00	-4.39501E-08	0.00000E+00	2.74688E-08
292	0.00000E+00	-4.10369E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-5.49376E-08
293	0.00000E+00	-6.81632E-01	0.00000E+00	8.79001E-08	0.00000E+00	-3.30182E-02
294	0.00000E+00	-7.80686E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
295	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00
296	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
297	0.00000E+00	-8.18084E-01	0.00000E+00	-1.36453E-01	0.00000E+00	3.30182E-02
298	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	-1.37344E-08
299	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	2.47219E-08
300	0.00000E+00	-7.72600E-01	0.00000E+00	-1.36453E-01	0.00000E+00	-1.78568E-02
301	0.00000E+00	-9.62623E-01	0.00000E+00	1.53825E-07	0.00000E+00	0.00000E+00
302	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	2.74688E-08
303	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	-2.74688E-08
304	0.00000E+00	-6.36148E-01	0.00000E+00	8.79001E-08	0.00000E+00	1.78568E-02
305	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	2.74688E-08
306	0.00000E+00	-4.10369E-01	0.00000E+00	7.69126E-08	0.00000E+00	-5.49376E-08
307	0.00000E+00	-6.36147E-01	0.00000E+00	-8.79001E-08	0.00000E+00	-1.78568E-02
308	0.00000E+00	-6.89718E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
309	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
310	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
311	0.00000E+00	-5.55792E-01	0.00000E+00	-1.20533E-01	0.00000E+00	1.78568E-02
312	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-6.86720E-09
313	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	1.23610E-08
314	0.00000E+00	-5.55792E-01	0.00000E+00	-1.20533E-01	0.00000E+00	-1.78568E-02
315	0.00000E+00	-8.26170E-01	0.00000E+00	-1.36453E-01	0.00000E+00	0.00000E+00
316	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	2.74688E-08
317	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-2.74688E-08
318	0.00000E+00	-6.36148E-01	0.00000E+00	-8.79001E-08	0.00000E+00	1.78568E-02
319	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	2.74688E-08
320	0.00000E+00	-4.10369E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-5.49376E-08
323	0.00000E+00	-1.88294E-01	0.00000E+00	3.79035E-02	0.00000E+00	5.97635E-03
324	0.00000E+00	-1.88294E-01	0.00000E+00	3.79035E-02	0.00000E+00	-5.97637E-03
325	0.00000E+00	-1.82948E-01	0.00000E+00	-3.79035E-02	0.00000E+00	-1.23610E-08
326	0.00000E+00	-1.82948E-01	0.00000E+00	-3.79035E-02	0.00000E+00	0.00000E+00
327	0.00000E+00	-6.81632E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.30182E-02
328	0.00000E+00	-7.80686E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
329	0.00000E+00	-5.01337E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0.00000E+00	-5.01337E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
331	0.00000E+00	-7.91299E-01	0.00000E+00	2.56986E-01	0.00000E+00	1.51614E-02
332	0.00000E+00	-5.01337E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.37344E-08
333	0.00000E+00	-5.01337E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.47219E-08
334	0.00000E+00	-7.45815E-01	0.00000E+00	2.56986E-01	0.00000E+00	0.00000E+00
335	0.00000E+00	-8.26170E-01	0.00000E+00	1.36453E-01	0.00000E+00	0.00000E+00
336	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.74688E-08
337	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.74688E-08
338	0.00000E+00	-6.36147E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.78568E-02
339	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.74688E-08
340	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.49376E-08
343	0.00000E+00	-1.99838E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	0.00000E+00	-1.99838E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
345	0.00000E+00	-6.36147E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.78568E-02
346	0.00000E+00	-8.26170E-01	0.00000E+00	1.36453E-01	0.00000E+00	0.00000E+00
347	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-4.49788E-01	0.00000E+00	3.94197E-02	0.00000E+00	0.00000E+00
349	0.00000E+00	-9.62623E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
350	0.00000E+00	-4.49788E-01	0.00000E+00	3.94197E-02	0.00000E+00	-6.86720E-09
351	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.23610E-08
352	0.00000E+00	-9.62623E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	0.00000E+00	-9.62623E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STAAD SPACE

-- PAGE NO. 103

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
354	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.74688E-08
355	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.74688E-08
356	0.00000E+00	-6.36147E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.78568E-02
357	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.74688E-08
358	0.00000E+00	-4.10369E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.49376E-08
359	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	-1.23610E-08
360	0.00000E+00	-2.58755E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
361	0.00000E+00	-6.36148E-01	0.00000E+00	1.64813E-07	0.00000E+00	-1.78568E-02
362	0.00000E+00	-9.62623E-01	0.00000E+00	3.07650E-07	0.00000E+00	0.00000E+00
363	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	0.00000E+00
364	0.00000E+00	-4.89208E-01	0.00000E+00	1.97775E-07	0.00000E+00	0.00000E+00
365	0.00000E+00	-8.26170E-01	0.00000E+00	-1.36453E-01	0.00000E+00	0.00000E+00
366	0.00000E+00	-4.89208E-01	0.00000E+00	1.97775E-07	0.00000E+00	-6.86720E-09
367	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	1.23610E-08
368	0.00000E+00	-8.26171E-01	0.00000E+00	-1.36453E-01	0.00000E+00	0.00000E+00
369	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	-1.23610E-08
370	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	0.00000E+00
371	0.00000E+00	-8.26171E-01	0.00000E+00	-1.36453E-01	0.00000E+00	0.00000E+00
372	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	2.74688E-08
373	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	-2.74688E-08
374	0.00000E+00	-6.36148E-01	0.00000E+00	1.64813E-07	0.00000E+00	1.78568E-02
375	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	2.74688E-08
376	0.00000E+00	-4.10369E-01	0.00000E+00	1.53825E-07	0.00000E+00	-5.49376E-08
377	0.00000E+00	-4.75437E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-1.78568E-02
378	0.00000E+00	-6.65460E-01	0.00000E+00	-2.97164E-01	0.00000E+00	0.00000E+00
379	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
380	0.00000E+00	-2.98174E-01	0.00000E+00	-1.91034E-01	0.00000E+00	0.00000E+00
381	0.00000E+00	-5.29007E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
382	0.00000E+00	-2.98174E-01	0.00000E+00	-1.91034E-01	0.00000E+00	-6.86720E-09
383	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	1.23610E-08
384	0.00000E+00	-5.29007E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
385	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-1.23610E-08
386	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
387	0.00000E+00	-5.29007E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
388	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	2.74688E-08
389	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-2.74688E-08
390	0.00000E+00	-4.75437E-01	0.00000E+00	-1.60711E-01	0.00000E+00	1.78568E-02
391	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	2.74688E-08
392	0.00000E+00	-2.58755E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-5.49376E-08
395	0.00000E+00	-1.31096E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.02826E-02
396	0.00000E+00	-9.90545E-02	0.00000E+00	0.00000E+00	0.00000E+00	1.65091E-02
397	0.00000E+00	-1.24829E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.08048E-02
398	0.00000E+00	-1.31096E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.02826E-02
399	0.00000E+00	-1.29377E-01	0.00000E+00	3.79035E-02	0.00000E+00	8.92838E-03
400	0.00000E+00	-1.29377E-01	0.00000E+00	-3.79035E-02	0.00000E+00	8.92838E-03
401	0.00000E+00	-2.00007E-01	0.00000E+00	-1.09875E-08	0.00000E+00	0.00000E+00
402	0.00000E+00	-1.99838E-01	0.00000E+00	-1.37344E-08	0.00000E+00	0.00000E+00
403	0.00000E+00	-2.15708E-01	0.00000E+00	3.79035E-02	0.00000E+00	1.41254E-02
404	0.00000E+00	-1.56730E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
405	0.00000E+00	-3.71964E-01	0.00000E+00	-7.02163E-02	0.00000E+00	0.00000E+00
406	0.00000E+00	-2.38600E-01	0.00000E+00	1.00444E-02	0.00000E+00	-1.20041E-01
407	0.00000E+00	-2.38600E-01	0.00000E+00	-1.00444E-02	0.00000E+00	-1.20041E-01
408	0.00000E+00	-1.65007E-01	0.00000E+00	-2.08048E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
409	0.00000E+00	-1.20533E-01	0.00000E+00	-5.49376E-09	0.00000E+00	0.00000E+00
410	0.00000E+00	-2.85540E-01	0.00000E+00	2.08048E-02	0.00000E+00	0.00000E+00
411	0.00000E+00	-3.47954E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
412	0.00000E+00	-2.27674E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	-1.51614E-01	0.00000E+00	1.68460E-02	0.00000E+00	-2.52690E-02
414	0.00000E+00	-2.40056E-01	0.00000E+00	1.68460E-02	0.00000E+00	-7.89660E-03
415	0.00000E+00	-2.40056E-01	0.00000E+00	1.68460E-02	0.00000E+00	7.89658E-03
416	0.00000E+00	-1.51614E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.52690E-02
417	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-2.45685E-02
418	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	2.45685E-02
419	0.00000E+00	-2.01520E-01	0.00000E+00	0.00000E+00	0.00000E+00	-4.18520E-03
420	0.00000E+00	-2.01520E-01	0.00000E+00	0.00000E+00	0.00000E+00	4.18519E-03
421	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	-2.45685E-02
422	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.45685E-02
423	0.00000E+00	-1.54839E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.36234E-02
424	0.00000E+00	-1.54839E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.36234E-02
425	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-2.45685E-02
426	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	2.45685E-02
427	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	-2.45685E-02
428	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.45685E-02
429	0.00000E+00	-1.66775E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.64248E-02
430	0.00000E+00	-1.66776E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.64249E-02
431	0.00000E+00	-2.13954E-01	0.00000E+00	-5.21907E-08	0.00000E+00	0.00000E+00
432	0.00000E+00	-2.13954E-01	0.00000E+00	-5.21907E-08	0.00000E+00	0.00000E+00
433	0.00000E+00	-2.13954E-01	0.00000E+00	1.04381E-07	0.00000E+00	0.00000E+00
434	0.00000E+00	-2.13954E-01	0.00000E+00	1.04381E-07	0.00000E+00	0.00000E+00
435	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-2.45685E-02
436	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	2.45685E-02
437	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	-2.45685E-02
438	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.45685E-02
439	0.00000E+00	-1.16237E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-1.64248E-02
440	0.00000E+00	-1.16238E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.64249E-02
441	0.00000E+00	-1.50982E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-4.18520E-03
442	0.00000E+00	-1.50982E-01	0.00000E+00	-1.68460E-02	0.00000E+00	4.18519E-03
443	0.00000E+00	-1.51614E-01	0.00000E+00	1.68460E-02	0.00000E+00	-2.52690E-02
444	0.00000E+00	-1.51614E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.52690E-02
445	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-2.45685E-02
446	0.00000E+00	-1.47330E-01	0.00000E+00	-1.68460E-02	0.00000E+00	2.45685E-02
447	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	-2.45685E-02
448	0.00000E+00	-1.47330E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.45685E-02
449	0.00000E+00	-1.04301E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-1.36234E-02
450	0.00000E+00	-1.04301E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.36234E-02

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

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

X = 0.149732753E+02
 Y = 0.438128121E+01
 Z = 0.267497066E+02

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

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -208.69
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 5582.27 MY= 0.00 MZ= -3124.70

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

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = 208.69
 SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -5582.28 MY= -0.00 MZ= 3124.70

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 1)

MAXIMUMS AT NODE
 X = 3.37260E-02 243
 Y = -2.99309E-01 280
 Z = 1.40805E-02 402
 RX= 6.61841E-04 116
 RY= 2.21423E-05 195
 RZ= -6.16487E-04 281

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 0.02	-0.23 -1.59	0.00 -0.03	0.00 -0.03	0.00 -0.00	0.00 -0.16	111111
3	0.00 0.08	-0.23 -3.89	0.00 -0.33	0.00 -0.37	0.00 -0.00	0.00 -0.22	111111
4	0.00 0.06	-0.92 0.92	0.00 -0.40	0.30 -0.30	0.00 -0.00	0.00 -0.00	000000
5	0.00 0.16	-0.23 -4.49	0.00 -0.47	0.00 -0.51	0.00 -0.00	0.00 -0.30	111111
6	0.00 0.04	-0.88 0.88	0.00 -0.14	0.04 -0.04	0.00 0.00	-0.18 0.18	000000
7	0.00 0.09	-0.23 -4.20	0.00 -0.46	0.00 -0.50	0.00 -0.00	0.00 -0.24	111111
8	0.00 0.05	-1.01 1.01	0.00 -0.11	0.04 -0.04	0.00 0.00	0.00 -0.00	000000
9	0.00 0.10	-0.23 -4.23	0.00 -0.47	0.00 -0.51	0.00 -0.00	0.00 -0.24	111111
10	0.00 0.07	-1.01 1.01	0.00 -0.12	0.04 -0.04	0.00 0.00	-0.00 0.00	000000
11	0.00 0.09	-0.23 -3.04	0.00 -0.38	0.00 -0.40	0.00 -0.00	0.00 -0.23	111111
12	0.00	-0.81	0.00	0.04	0.00	0.20	

STAAD SPACE

-- PAGE NO. 106

13	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.57	-4.24	-0.00	-0.00	-0.00	0.43	111111
14	0.00	-0.98	0.00	0.00	0.00	-0.03	
	-0.63	0.98	-0.00	0.00	-0.00	0.03	000000
15	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.89	-5.21	-0.00	-0.00	-0.00	0.75	111111
16	0.00	-1.01	0.00	0.00	0.00	-0.04	
	-0.41	1.01	-0.00	-0.00	-0.01	0.04	000000
18	0.00	-0.23	0.00	0.00	0.00	0.00	
	1.00	-13.94	-0.00	0.00	-0.00	-1.09	111111
19	0.00	-0.79	0.00	0.00	0.00	0.00	
	0.53	0.79	0.06	0.00	0.01	-0.00	000000
20	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.04	-8.53	0.02	0.03	-0.00	-0.16	111111
21	0.00	-0.95	0.00	0.00	0.00	-0.20	
	-0.16	0.95	0.08	-0.00	-0.00	0.20	000000
22	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.07	-8.88	0.08	0.11	-0.00	-0.19	111111
23	0.00	-1.10	0.00	0.02	0.00	-0.00	
	0.15	1.10	0.08	-0.02	-0.00	0.00	000000
24	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.05	-5.99	0.07	0.10	-0.00	-0.17	111111
25	0.00	-0.90	0.00	0.02	0.00	0.20	
	0.25	0.90	0.08	-0.02	-0.00	-0.20	000000
26	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.68	-4.54	-0.00	-0.00	-0.00	0.56	111111
27	0.00	-0.98	0.00	-0.00	0.00	-0.03	
	-0.73	0.98	-0.00	0.00	-0.00	0.03	000000
28	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.77	-4.81	-0.00	-0.00	-0.00	0.66	111111
29	0.00	-1.01	0.00	0.00	0.00	-0.04	
	-0.34	1.01	-0.00	-0.00	-0.01	0.04	000000
31	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.69	-10.14	0.30	0.34	-0.00	-0.77	111111
32	0.00	-0.75	0.00	-0.01	0.00	0.00	
	0.62	0.75	0.14	0.01	0.00	-0.00	000000
33	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.16	-6.30	0.29	0.33	-0.00	-0.25	111111
34	0.00	-0.79	0.00	-0.01	0.00	-0.02	
	-0.26	0.79	0.13	0.01	-0.00	0.02	000000
35	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.05	-6.17	0.30	0.35	-0.00	-0.14	111111
37	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.07	-4.20	0.25	0.30	-0.00	-0.16	111111
38	0.00	-0.98	0.00	0.26	0.00	0.02	

STAAD SPACE

-- PAGE NO. 107

48	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.14	-1.99	0.04	0.07	-0.00	-0.21	111111
50	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.84	-5.05	-0.00	-0.00	-0.00	0.75	111111
51	0.00	-1.01	0.00	0.00	0.00	-0.04	
	-0.38	1.01	-0.01	-0.00	-0.01	0.04	000000
53	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.69	-10.46	-0.33	-0.35	-0.00	-0.73	111111
54	0.00	-0.97	0.00	-0.26	0.00	0.00	
	0.46	0.97	-0.14	0.26	-0.03	-0.00	000000
55	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.09	-6.43	-0.34	-0.36	-0.00	-0.15	111111
56	0.00	-1.00	0.00	-0.26	0.00	-0.02	
	-0.20	1.00	-0.10	0.26	-0.03	0.02	000000
57	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.04	-6.31	-0.29	-0.31	-0.00	-0.10	111111
58	0.00	-1.05	0.00	-0.26	0.00	0.00	
	0.02	1.05	-0.13	0.26	-0.02	-0.00	000000
59	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.05	-4.42	-0.23	-0.23	-0.00	-0.11	111111
60	0.00	-0.98	0.00	-0.26	0.00	0.02	
	0.22	0.98	-0.00	0.26	-0.01	-0.02	000000
67	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.13	-2.84	-0.00	-0.01	-0.00	0.10	111111
68	0.00	-0.95	0.00	0.00	0.00	-0.02	
	-0.16	0.95	-0.01	-0.00	0.00	0.02	000000
70	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.17	-6.70	0.38	0.43	-0.00	-0.20	111111
71	0.00	-0.94	0.00	-0.02	0.00	-0.18	
	-0.02	0.94	0.16	0.02	0.02	0.18	000000
72	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.01	-6.15	0.38	0.44	-0.00	-0.05	111111
73	0.00	-1.07	0.00	-0.02	0.00	0.00	
	-0.02	1.07	0.19	0.02	0.02	-0.00	000000
74	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.03	-6.15	0.36	0.42	-0.00	-0.06	111111
75	0.00	-1.07	0.00	-0.02	0.00	-0.00	
	-0.01	1.07	0.17	0.02	0.02	0.00	000000
76	0.00	-0.23	0.00	0.00	0.00	0.00	
	0.01	-4.22	0.33	0.39	-0.00	-0.04	111111
77	0.00	-0.88	0.00	-0.02	0.00	0.20	
	0.23	0.88	0.05	0.02	0.01	-0.20	000000
78	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.03	-1.60	0.02	0.02	-0.00	0.01	111111
81	0.00	-0.23	0.00	0.00	0.00	0.00	

STAAD SPACE							-- PAGE NO. 108	
232	0.00	-0.67	0.00	0.30	0.00	0.00		
	-0.14	0.67	0.66	-0.30	-0.00	-0.00	000000	
235	0.00	-0.67	0.00	0.30	0.00	0.00		
	-0.19	0.67	0.67	-0.30	0.00	-0.00	000000	
238	0.00	-0.67	0.00	0.30	0.00	0.00		
	-0.15	0.67	0.64	-0.30	0.00	-0.00	000000	
241	0.00	-0.67	0.00	0.30	0.00	0.00		
	-0.17	0.67	0.66	-0.30	0.00	-0.00	000000	
244	0.00	-0.48	0.00	0.16	0.00	0.02		
	-0.21	0.48	0.42	-0.16	-0.00	-0.02	000000	
247	0.00	-0.68	0.00	0.00	0.00	-0.03		
	1.07	0.68	0.01	0.00	-0.00	0.03	000000	
248	0.00	-0.87	0.00	-0.14	0.00	0.02		
	0.48	0.87	0.48	0.14	0.00	-0.02	000000	
251	0.00	-0.96	0.00	0.00	0.00	0.00		
	-0.12	0.96	-0.11	0.00	0.00	0.00	000000	
254	0.00	-0.96	0.00	0.00	0.00	0.00		
	-0.06	0.96	-0.13	-0.00	0.00	0.00	000000	
257	0.00	-0.95	0.00	0.00	0.00	0.01		
	-0.02	0.95	-0.19	-0.00	-0.00	-0.01	000000	
260	0.00	-0.56	0.00	-0.12	0.00	0.02		
	-0.15	0.56	-0.10	0.12	-0.00	-0.02	000000	
263	0.00	-0.68	0.00	0.00	0.00	-0.03		
	1.34	0.68	0.01	-0.00	-0.00	0.03	000000	
267	0.00	-0.93	0.00	0.00	0.00	-0.02		
	-1.48	0.93	-0.02	-0.00	0.00	0.02	000000	
276	0.00	-0.56	0.00	0.12	0.00	0.02		
	-0.41	0.56	-0.10	-0.12	0.00	-0.02	000000	
279	0.00	-0.68	0.00	-0.00	0.00	-0.03		
	1.25	0.68	0.01	0.00	-0.00	0.03	000000	
280	0.00	-0.74	0.00	-0.00	0.00	0.02		
	0.53	0.74	-0.04	0.00	0.00	-0.02	000000	
283	0.00	-0.91	0.00	-0.00	0.00	0.02		
	-0.24	0.91	0.04	0.00	0.00	-0.02	000000	
290	0.00	-0.64	0.00	-0.00	0.00	0.02		
	-0.10	0.64	-0.00	0.00	0.00	-0.02	000000	
293	0.00	-0.68	0.00	0.00	0.00	-0.03		
	1.17	0.68	0.01	-0.00	-0.00	0.03	000000	
294	0.00	-0.78	0.00	0.00	0.00	0.00		
	-0.10	0.78	-0.16	-0.00	-0.00	-0.00	000000	
297	0.00	-0.82	0.00	-0.14	0.00	0.03		
	-1.26	0.82	-0.45	0.14	0.00	-0.03	000000	
300	0.00	-0.77	0.00	-0.14	0.00	-0.02		
	0.10	0.77	-0.43	0.14	0.00	0.02	000000	
301	0.00	-0.96	0.00	0.00	0.00	0.00		

STAAD SPACE

-- PAGE NO. 109

327	0.00	-0.68	0.00	0.00	0.00	-0.03	
	1.21	0.68	0.01	0.00	-0.00	0.03	000000
331	0.00	-0.79	0.00	0.26	0.00	0.02	
	-1.18	0.79	0.46	-0.26	0.00	-0.02	000000
334	0.00	-0.75	0.00	0.26	0.00	0.00	
	0.08	0.75	0.47	-0.26	0.00	0.00	000000
335	0.00	-0.83	0.00	0.14	0.00	0.00	
	-0.07	0.83	0.44	-0.14	-0.00	-0.00	000000
338	0.00	-0.64	0.00	0.00	0.00	0.02	
	-0.28	0.64	0.26	-0.00	0.00	-0.02	000000
345	0.00	-0.64	0.00	0.00	0.00	-0.02	
	0.34	0.64	0.00	-0.00	0.00	0.02	000000
346	0.00	-0.83	0.00	0.14	0.00	0.00	
	0.15	0.83	-0.39	-0.14	0.00	-0.00	000000
349	0.00	-0.96	0.00	0.00	0.00	0.00	
	-0.11	0.96	-0.02	0.00	0.00	-0.00	000000
361	0.00	-0.64	0.00	0.00	0.00	-0.02	
	0.29	0.64	0.01	-0.00	0.00	0.02	000000
362	0.00	-0.96	0.00	0.00	0.00	0.00	
	-0.00	0.96	-0.36	-0.00	0.00	-0.00	000000
365	0.00	-0.83	0.00	-0.14	0.00	0.00	
	-0.17	0.83	-0.53	0.14	0.00	0.00	000000
368	0.00	-0.83	0.00	-0.14	0.00	0.00	
	-0.00	0.83	-0.55	0.14	0.00	0.00	000000
371	0.00	-0.83	0.00	-0.14	0.00	0.00	
	-0.03	0.83	-0.52	0.14	-0.00	-0.00	000000
374	0.00	-0.64	0.00	0.00	0.00	0.02	
	-0.25	0.64	-0.36	-0.00	0.00	-0.02	000000
412	0.00	-0.23	0.00	0.00	0.00	0.00	
	-0.06	-2.65	0.00	-0.00	-0.00	0.20	111111

FOR LOADING - 2

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
2	0.00000E+00	-1.20000E+00	0.00000E+00	1.20000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
6	0.00000E+00	-1.60000E+00	0.00000E+00	1.33333E-01	0.00000E+00	-1.20000E+00
8	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
12	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.20000E+00
14	0.00000E+00	-2.40000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
16	0.00000E+00	-2.40000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
17	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
19	0.00000E+00	-8.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
21	0.00000E+00	-2.45000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.39792E+00
23	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
25	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.40000E+00
27	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	-2.40000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
30	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
32	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-8.00000E-01	0.00000E+00	1.33333E-01	0.00000E+00	-1.33333E-01
36	0.00000E+00	-3.20000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
43	0.00000E+00	-2.80000E+00	0.00000E+00	2.26667E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-2.80000E+00	0.00000E+00	2.26667E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-2.40000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
51	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-2.80000E+00	0.00000E+00	-2.26667E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-2.80000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	-1.33333E-01
58	0.00000E+00	-3.20000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-1.60000E+00	0.00000E+00	-1.20000E+00	0.00000E+00	1.33334E-01
61	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	-8.48561E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-2.44856E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-2.40000E+00	0.00000E+00	1.14270E-06	0.00000E+00	0.00000E+00
69	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
71	0.00000E+00	-3.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.40000E+00
73	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-7.03201E-07
77	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	2.40000E+00
79	0.00000E+00	-1.20000E+00	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00
80	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-1.60000E+00	0.00000E+00	-1.33334E-01	0.00000E+00	-1.20000E+00
84	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-3.51601E-07
88	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.20000E+00
91	0.00000E+00	-3.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-3.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
99	0.00000E+00	-3.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-2.87640E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	-6.80217E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	-3.20000E+00	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
104	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-3.20000E+00	0.00000E+00	-1.42838E-07	0.00000E+00	0.00000E+00
108	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
112	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
114	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
116	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00

STAAD SPACE

-- PAGE NO. 111

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
118	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
120	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
121	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
122	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
123	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
124	0.00000E+00	-8.48904E-01	0.00000E+00	1.42838E-07	0.00000E+00	0.00000E+00
125	0.00000E+00	-2.44890E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-8.48904E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-2.44890E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	-8.48904E-01	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
137	0.00000E+00	-2.44890E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-8.48904E-01	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
141	0.00000E+00	-2.44890E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
149	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
150	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
151	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
152	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
153	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
154	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
155	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
156	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
157	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	-1.60000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-1.60000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-3.20000E+00	0.00000E+00	2.13333E+00	0.00000E+00	0.00000E+00
164	0.00000E+00	-3.20000E+00	0.00000E+00	2.13333E+00	0.00000E+00	0.00000E+00
165	0.00000E+00	-3.20000E+00	0.00000E+00	-2.13333E+00	0.00000E+00	0.00000E+00
166	0.00000E+00	-3.20000E+00	0.00000E+00	-2.13333E+00	0.00000E+00	0.00000E+00
167	0.00000E+00	-3.20000E+00	0.00000E+00	2.40000E+00	0.00000E+00	2.19750E-07
168	0.00000E+00	-3.20000E+00	0.00000E+00	2.40000E+00	0.00000E+00	-2.19750E-07
169	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00

STAAD SPACE

-- PAGE NO. 112

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
171	0.00000E+00	-3.20000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	2.19750E-07
172	0.00000E+00	-3.20000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	-2.19750E-07
173	0.00000E+00	-3.20000E+00	0.00000E+00	2.40000E+00	0.00000E+00	2.19750E-07
174	0.00000E+00	-3.20000E+00	0.00000E+00	2.40000E+00	0.00000E+00	-4.06538E-07
175	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
176	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
177	0.00000E+00	-3.20000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	2.19750E-07
178	0.00000E+00	-3.20000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	-4.06538E-07
179	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
184	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
185	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
186	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
187	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
190	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-8.48904E-01	0.00000E+00	4.06538E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-2.44890E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
193	0.00000E+00	-8.48904E-01	0.00000E+00	-4.06538E-07	0.00000E+00	0.00000E+00
194	0.00000E+00	-2.44890E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	-3.20000E+00	0.00000E+00	4.06538E-07	0.00000E+00	0.00000E+00
196	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
197	0.00000E+00	-3.20000E+00	0.00000E+00	-4.06538E-07	0.00000E+00	0.00000E+00
198	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
199	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
200	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
202	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
203	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
206	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	-3.20000E+00	0.00000E+00	4.06538E-07	0.00000E+00	0.00000E+00
208	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
209	0.00000E+00	-3.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33333E-01	0.00000E+00	1.02083E-01
216	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33333E-01	0.00000E+00	-1.02083E-01
217	0.00000E+00	-1.55000E+00	0.00000E+00	1.33333E-01	0.00000E+00	1.02083E-01
218	0.00000E+00	-1.55000E+00	0.00000E+00	1.33333E-01	0.00000E+00	-1.02083E-01
219	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33334E-01	0.00000E+00	1.02083E-01
220	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33334E-01	0.00000E+00	-1.02083E-01
221	0.00000E+00	-1.55000E+00	0.00000E+00	1.33334E-01	0.00000E+00	1.02083E-01
222	0.00000E+00	-1.55000E+00	0.00000E+00	1.33334E-01	0.00000E+00	-1.02083E-01
223	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33334E-01	0.00000E+00	1.02083E-01

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
224	0.00000E+00	-1.55000E+00	0.00000E+00	1.33334E-01	0.00000E+00	1.02083E-01
225	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33334E-01	0.00000E+00	-1.02083E-01
226	0.00000E+00	-1.55000E+00	0.00000E+00	1.33334E-01	0.00000E+00	-1.02083E-01
227	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33333E-01	0.00000E+00	1.02083E-01
228	0.00000E+00	-1.55000E+00	0.00000E+00	-1.33333E-01	0.00000E+00	-1.02083E-01
229	0.00000E+00	-1.55000E+00	0.00000E+00	1.33333E-01	0.00000E+00	1.02083E-01
230	0.00000E+00	-1.55000E+00	0.00000E+00	1.33333E-01	0.00000E+00	-1.02083E-01
231	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
232	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
233	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
234	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
235	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
236	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
237	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
238	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
239	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
240	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
241	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
242	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
243	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
244	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
245	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
246	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
247	0.00000E+00	-2.82000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
248	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
249	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
250	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
251	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
252	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
253	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
254	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
255	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
256	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
257	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
258	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
259	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
260	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
261	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
262	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
263	0.00000E+00	-2.82000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
264	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
265	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
266	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
267	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
268	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
269	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
270	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
271	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
272	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
273	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
274	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
275	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
276	0.00000E+00	-2.11500E+00	0.00000E+00	1.05750E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
277	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
278	0.00000E+00	-4.23000E+00	0.00000E+00	2.11500E+00	0.00000E+00	0.00000E+00
279	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
280	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
281	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
282	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
283	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
284	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
285	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
286	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
287	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
288	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
289	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
290	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
291	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
292	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
293	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
294	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
295	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
296	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
297	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
298	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
299	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
300	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
301	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
302	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
303	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
304	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
305	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
306	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
307	0.00000E+00	-2.82000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
308	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
309	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
310	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
311	0.00000E+00	-2.11500E+00	0.00000E+00	-1.05750E+00	0.00000E+00	0.00000E+00
312	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
313	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
314	0.00000E+00	-2.11500E+00	0.00000E+00	-1.05750E+00	0.00000E+00	0.00000E+00
315	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
316	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
317	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
318	0.00000E+00	-2.82000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
319	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
320	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
323	0.00000E+00	-1.41000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
324	0.00000E+00	-1.41000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
325	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05000E-01	0.00000E+00	0.00000E+00
326	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05000E-01	0.00000E+00	0.00000E+00
327	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
328	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
329	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
331	0.00000E+00	-2.82000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
332	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	-2.82000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
335	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
337	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
340	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	0.00000E+00	-2.11500E+00	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
344	0.00000E+00	-2.11500E+00	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
345	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
349	0.00000E+00	-4.23000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
350	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
352	0.00000E+00	-4.23000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
353	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
354	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
356	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
357	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
358	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
359	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
360	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
361	0.00000E+00	-2.82000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
362	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
363	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
364	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
365	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
366	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
367	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
368	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
369	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
370	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
371	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
372	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
373	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
374	0.00000E+00	-2.82000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
375	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
376	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
377	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
378	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
379	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
380	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
381	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
382	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
383	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
384	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
385	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
386	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
387	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
388	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
389	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
390	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
391	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
392	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
399	0.00000E+00	-7.05000E-01	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
400	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05000E-01	0.00000E+00	0.00000E+00
401	0.00000E+00	-2.11500E+00	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
402	0.00000E+00	-7.05000E-01	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
403	0.00000E+00	-1.41000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
404	0.00000E+00	-4.76403E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
405	0.00000E+00	-6.80217E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	-1.84338E+00	0.00000E+00	0.00000E+00	0.00000E+00	-8.03630E-01
407	0.00000E+00	-1.84338E+00	0.00000E+00	0.00000E+00	0.00000E+00	-8.03630E-01
408	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
409	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
410	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
411	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	-8.00000E-01	0.00000E+00	1.33333E-01	0.00000E+00	-9.99999E-02
414	0.00000E+00	-1.55000E+00	0.00000E+00	2.66667E-01	0.00000E+00	-3.12501E-02
415	0.00000E+00	-1.55000E+00	0.00000E+00	2.66667E-01	0.00000E+00	3.12500E-02
416	0.00000E+00	-8.00000E-01	0.00000E+00	1.33333E-01	0.00000E+00	1.00000E-01
417	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	-1.01809E-01
418	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	1.01809E-01
419	0.00000E+00	-1.60000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
420	0.00000E+00	-1.60000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	0.00000E+00	-8.01096E-01	0.00000E+00	1.33333E-01	0.00000E+00	-1.01809E-01
422	0.00000E+00	-8.01096E-01	0.00000E+00	1.33333E-01	0.00000E+00	1.01809E-01
423	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
424	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
425	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	-1.01809E-01
426	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	1.01809E-01
427	0.00000E+00	-8.01096E-01	0.00000E+00	1.33333E-01	0.00000E+00	-1.01809E-01
428	0.00000E+00	-8.01096E-01	0.00000E+00	1.33333E-01	0.00000E+00	1.01809E-01
429	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
430	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
431	0.00000E+00	-8.48904E-01	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
432	0.00000E+00	-8.48904E-01	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
433	0.00000E+00	-8.48904E-01	0.00000E+00	4.06538E-07	0.00000E+00	0.00000E+00
434	0.00000E+00	-8.48904E-01	0.00000E+00	4.06538E-07	0.00000E+00	0.00000E+00
435	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	-1.01809E-01
436	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	1.01809E-01
437	0.00000E+00	-8.01096E-01	0.00000E+00	1.33334E-01	0.00000E+00	-1.01809E-01
438	0.00000E+00	-8.01096E-01	0.00000E+00	1.33334E-01	0.00000E+00	1.01809E-01
439	0.00000E+00	-4.00000E-01	0.00000E+00	-1.33334E-01	0.00000E+00	0.00000E+00
440	0.00000E+00	-4.00000E-01	0.00000E+00	-1.33334E-01	0.00000E+00	0.00000E+00
441	0.00000E+00	-1.55000E+00	0.00000E+00	-2.66666E-01	0.00000E+00	-3.12501E-02
442	0.00000E+00	-1.55000E+00	0.00000E+00	-2.66666E-01	0.00000E+00	3.12500E-02
443	0.00000E+00	-4.00000E-01	0.00000E+00	1.33333E-01	0.00000E+00	0.00000E+00
444	0.00000E+00	-4.00000E-01	0.00000E+00	1.33333E-01	0.00000E+00	0.00000E+00
445	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	-1.01809E-01
446	0.00000E+00	-8.01096E-01	0.00000E+00	-1.33333E-01	0.00000E+00	1.01809E-01

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
447	0.00000E+00	-8.01096E-01	0.00000E+00	1.33333E-01	0.00000E+00	-1.01809E-01
448	0.00000E+00	-8.01096E-01	0.00000E+00	1.33333E-01	0.00000E+00	1.01809E-01
449	0.00000E+00	-8.01438E-01	0.00000E+00	-1.33333E-01	0.00000E+00	-1.01724E-01
450	0.00000E+00	-8.01438E-01	0.00000E+00	-1.33333E-01	0.00000E+00	1.01724E-01

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

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

X = 0.149172705E+02
Y = 0.500005878E+01
Z = 0.271716177E+02

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

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -1325.22
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 36008.37 MY= 0.00 MZ= -19768.66

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

SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 1325.22
SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -36008.37 MY= -0.00 MZ= 19768.66

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 2)

MAXIMUMS AT NODE
X = 2.64094E-01 243
Y = -2.43233E+00 280
Z = 1.04843E-01 402
RX= 6.49745E-03 236
RY= 1.63859E-04 195
RZ= -5.49458E-03 347

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METER)-

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 0.27	0.00 -5.88	0.00 -0.17	0.00 -0.23	0.00 -0.00	0.00 -1.46 111111
2	0.00 -0.64	-1.20 1.20	0.00 -0.29	1.20 -1.20	0.00 -0.01	0.00 -0.00 000000

STAAD SPACE

-- PAGE NO. 118

3	0.00	0.00	0.00	0.00	0.00	0.00	
	0.65	-24.54	-2.79	-3.08	-0.00	-1.83	111111
4	0.00	-2.40	0.00	2.40	0.00	0.00	
	0.37	2.40	-3.37	-2.40	0.00	-0.00	000000
5	0.00	0.00	0.00	0.00	0.00	0.00	
	1.28	-29.39	-4.00	-4.39	-0.00	-2.45	111111
6	0.00	-1.60	0.00	0.13	0.00	-1.20	
	0.22	1.60	-1.40	-0.13	0.04	1.20	000000
7	0.00	0.00	0.00	0.00	0.00	0.00	
	0.79	-27.93	-4.11	-4.46	-0.00	-1.97	111111
8	0.00	-2.40	0.00	0.00	0.00	0.00	
	0.35	2.40	-1.24	0.00	0.04	0.00	000000
9	0.00	0.00	0.00	0.00	0.00	0.00	
	0.87	-26.26	-3.55	-3.80	-0.00	-2.05	111111
10	0.00	-2.40	0.00	0.00	0.00	-0.00	
	0.36	2.40	-0.88	0.00	0.04	0.00	000000
11	0.00	0.00	0.00	0.00	0.00	0.00	
	0.61	-12.46	-1.48	-1.47	-0.00	-1.80	111111
12	0.00	-1.20	0.00	0.00	0.00	1.20	
	1.24	1.20	0.17	0.00	0.04	-1.20	000000
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-4.77	-28.87	-0.06	-0.10	-0.00	3.56	111111
14	0.00	-2.40	0.00	0.00	0.00	0.00	
	-4.79	2.40	0.01	-0.00	-0.04	-0.00	000000
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-7.07	-35.35	-0.04	-0.08	-0.00	5.91	111111
16	0.00	-2.40	0.00	0.00	0.00	0.00	
	-3.65	2.40	-0.00	-0.00	-0.05	-0.00	000000
18	0.00	0.00	0.00	0.00	0.00	0.00	
	7.80	-91.97	1.03	1.19	-0.00	-8.56	111111
19	0.00	-0.85	0.00	0.00	0.00	-0.00	
	4.51	0.85	0.91	-0.00	0.06	0.00	000000
20	0.00	0.00	0.00	0.00	0.00	0.00	
	0.21	-55.05	1.25	1.47	-0.00	-1.18	111111
21	0.00	-2.45	0.00	0.00	0.00	-2.40	
	-1.62	2.45	1.02	0.00	-0.02	2.40	000000
22	0.00	0.00	0.00	0.00	0.00	0.00	
	0.63	-67.33	0.35	0.52	-0.00	-1.58	111111
23	0.00	-4.80	0.00	0.00	0.00	-0.00	
	1.12	4.80	0.58	0.00	-0.02	0.00	000000
24	0.00	0.00	0.00	0.00	0.00	0.00	
	0.53	-31.04	-0.15	0.00	-0.00	-1.48	111111
25	0.00	-2.40	0.00	0.00	0.00	2.40	
	2.36	2.40	0.44	-0.00	-0.03	-2.40	000000
26	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE

-- PAGE NO. 119

33	0.00	0.00	0.00	0.00	0.00	0.00	
	0.93	-32.43	1.50	1.75	-0.00	-1.64	111111
34	0.00	-0.80	0.00	0.13	0.00	-0.13	
	-2.70	0.80	0.46	-0.13	-0.04	0.13	000000
35	0.00	0.00	0.00	0.00	0.00	0.00	
	0.46	-48.97	2.44	2.83	-0.00	-1.18	111111
36	0.00	-3.20	0.00	2.40	0.00	0.00	
	0.34	3.20	0.60	-2.40	-0.02	-0.00	000000
37	0.00	0.00	0.00	0.00	0.00	0.00	
	0.55	-25.14	1.72	2.07	-0.00	-1.27	111111
38	0.00	-1.60	0.00	1.20	0.00	0.13	
	2.54	1.60	0.32	-1.20	-0.02	-0.13	000000
39	0.00	0.00	0.00	0.00	0.00	0.00	
	-6.11	-28.93	-0.05	-0.09	-0.00	5.33	111111
40	0.00	-2.40	0.00	-0.00	0.00	0.00	
	-1.25	2.40	-0.01	0.00	-0.05	0.00	000000
42	0.00	0.00	0.00	0.00	0.00	0.00	
	5.41	-31.96	0.13	0.19	-0.00	-5.89	111111
43	0.00	-2.80	0.00	2.27	0.00	0.00	
	2.94	2.80	-0.20	-2.27	0.04	0.00	000000
44	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.14	-15.52	0.25	0.36	-0.00	-0.48	111111
45	0.00	-2.80	0.00	2.27	0.00	0.00	
	-1.53	2.80	-0.22	-2.27	0.00	-0.00	000000
46	0.00	0.00	0.00	0.00	0.00	0.00	
	0.40	-25.25	0.22	0.38	-0.00	-1.01	111111
47	0.00	-4.80	0.00	-0.00	0.00	0.00	
	0.20	4.80	0.01	0.00	-0.00	0.00	000000
48	0.00	0.00	0.00	0.00	0.00	0.00	
	1.36	-11.70	0.25	0.45	-0.00	-1.94	111111
49	0.00	-2.40	0.00	-0.00	0.00	0.00	
	1.41	2.40	0.09	0.00	-0.00	0.00	000000
50	0.00	0.00	0.00	0.00	0.00	0.00	
	-7.07	-35.59	-0.03	-0.07	-0.00	6.38	111111
51	0.00	-2.40	0.00	0.00	0.00	0.00	
	-3.67	2.40	-0.01	0.00	-0.07	0.00	000000
53	0.00	0.00	0.00	0.00	0.00	0.00	
	5.89	-70.19	-1.93	-2.09	-0.00	-6.23	111111
54	0.00	-2.80	0.00	-2.27	0.00	0.00	
	4.35	2.80	-0.85	2.27	-0.16	0.00	000000
55	0.00	0.00	0.00	0.00	0.00	0.00	
	0.59	-39.34	-2.08	-2.21	-0.00	-1.08	111111
56	0.00	-2.80	0.00	-2.40	0.00	-0.13	
	-2.30	2.80	-0.53	2.40	-0.22	0.13	000000
57	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE							-- PAGE NO. 120	
70	0.00	0.00	0.00	0.00	0.00	0.00		
	1.42	-52.41	2.34	2.64	-0.00	-1.65	111111	
71	0.00	-3.20	0.00	0.00	0.00	-2.40		
	-0.28	3.20	0.80	-0.00	0.11	2.40	000000	
72	0.00	0.00	0.00	0.00	0.00	0.00		
	0.09	-48.97	2.42	2.77	-0.00	-0.36	111111	
73	0.00	-4.80	0.00	0.00	0.00	0.00		
	-0.05	4.80	1.04	-0.00	0.11	-0.00	000000	
74	0.00	0.00	0.00	0.00	0.00	0.00		
	0.28	-51.79	2.82	3.26	-0.00	-0.54	111111	
75	0.00	-4.80	0.00	0.00	0.00	-0.00		
	-0.18	4.80	1.27	-0.00	0.10	0.00	000000	
76	0.00	0.00	0.00	0.00	0.00	0.00		
	0.03	-26.01	1.96	2.35	-0.00	-0.30	111111	
77	0.00	-2.40	0.00	0.00	0.00	2.40		
	2.83	2.40	0.38	0.00	0.10	-2.40	000000	
78	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.09	-5.54	0.10	0.07	-0.00	-0.07	111111	
79	0.00	-1.20	0.00	-1.20	0.00	0.00		
	-0.63	1.20	0.26	1.20	-0.01	-0.00	000000	
81	0.00	0.00	0.00	0.00	0.00	0.00		
	0.16	-10.17	0.20	0.27	-0.00	-0.31	111111	
82	0.00	-1.60	0.00	-0.13	0.00	-1.20		
	-0.02	1.60	0.32	0.13	0.01	1.20	000000	
83	0.00	0.00	0.00	0.00	0.00	0.00		
	0.10	-11.40	0.51	0.65	-0.00	-0.25	111111	
84	0.00	-2.40	0.00	0.00	0.00	0.00		
	0.06	2.40	0.19	-0.00	-0.00	-0.00	000000	
85	0.00	0.00	0.00	0.00	0.00	0.00		
	0.13	-11.27	0.48	0.67	-0.00	-0.28	111111	
86	0.00	-2.40	0.00	0.00	0.00	-0.00		
	-0.07	2.40	0.20	-0.00	-0.00	0.00	000000	
87	0.00	0.00	0.00	0.00	0.00	0.00		
	0.15	-5.66	0.23	0.43	-0.00	-0.30	111111	
88	0.00	-1.20	0.00	0.00	0.00	1.20		
	0.72	1.20	0.24	0.00	-0.00	-1.20	000000	
89	0.00	0.00	0.00	0.00	0.00	0.00		
	0.00	-57.08	2.28	2.85	0.00	-0.27	111111	
90	0.00	0.00	0.00	0.00	0.00	0.00		
	0.14	-7.64	0.42	0.78	-0.00	-0.29	111111	
231	0.00	-1.41	0.00	1.41	0.00	0.00		
	0.37	1.41	0.47	-1.41	-0.00	0.00	000000	
232	0.00	-2.82	0.00	2.82	0.00	0.00		
	-1.02	2.82	5.52	-2.82	-0.00	-0.00	000000	
235	0.00	-2.82	0.00	2.82	0.00	0.00		

STAAD SPACE							-- PAGE NO. 121	
251	0.00	-5.64	0.00	0.00	0.00	0.00		
	-0.75	5.64	-0.68	-0.00	0.00	0.00	000000	
254	0.00	-5.64	0.00	0.00	0.00	0.00		
	-0.71	5.64	-0.84	-0.00	0.00	0.00	000000	
257	0.00	-5.64	0.00	0.00	0.00	0.00		
	-1.05	5.64	-1.33	-0.00	-0.01	-0.00	000000	
260	0.00	-1.41	0.00	-1.41	0.00	0.00		
	-1.74	1.41	-0.92	1.41	-0.00	-0.00	000000	
263	0.00	-2.82	0.00	0.00	0.00	0.00		
	11.19	2.82	0.08	-0.00	-0.00	0.00	000000	
264	0.00	-5.64	0.00	0.00	0.00	0.00		
	-0.96	5.64	-0.05	-0.00	-0.00	-0.00	000000	
267	0.00	-4.23	0.00	-1.41	0.00	0.00		
	-11.78	4.23	-1.73	1.41	0.00	0.00	000000	
270	0.00	-4.23	0.00	-1.41	0.00	0.00		
	0.60	4.23	-2.05	1.41	0.00	-0.00	000000	
276	0.00	-2.12	0.00	1.06	0.00	0.00		
	-3.71	2.12	0.27	-1.06	0.00	-0.00	000000	
279	0.00	-2.82	0.00	-0.00	0.00	0.00		
	10.68	2.82	0.07	0.00	-0.00	0.00	000000	
280	0.00	-5.64	0.00	-0.00	0.00	0.00		
	3.53	5.64	-0.20	0.00	0.00	0.00	000000	
283	0.00	-2.82	0.00	-0.00	0.00	0.00		
	-3.11	2.82	0.42	0.00	0.00	0.00	000000	
286	0.00	-2.82	0.00	-0.00	0.00	0.00		
	1.22	2.82	0.36	0.00	0.00	-0.00	000000	
290	0.00	-2.82	0.00	-0.00	0.00	0.00		
	-1.71	2.82	-0.18	0.00	0.00	-0.00	000000	
293	0.00	-2.82	0.00	0.00	0.00	0.00		
	10.12	2.82	0.06	-0.00	-0.00	0.00	000000	
294	0.00	-5.64	0.00	0.00	0.00	0.00		
	-0.88	5.64	-1.07	-0.00	-0.00	0.00	000000	
297	0.00	-2.82	0.00	0.00	0.00	0.00		
	-10.90	2.82	-2.22	-0.00	0.00	0.00	000000	
300	0.00	-2.82	0.00	0.00	0.00	0.00		
	1.80	2.82	-2.12	-0.00	0.00	0.00	000000	
301	0.00	-5.64	0.00	0.00	0.00	0.00		
	-0.79	5.64	-3.16	-0.00	0.00	0.00	000000	
304	0.00	-2.82	0.00	0.00	0.00	0.00		
	-3.08	2.82	-1.95	-0.00	0.00	0.00	000000	
307	0.00	-2.82	0.00	-0.00	0.00	0.00		
	7.94	2.82	0.08	0.00	0.00	0.00	000000	
308	0.00	-5.64	0.00	-0.00	0.00	0.00		
	-1.15	5.64	1.07	0.00	-0.00	0.00	000000	
311	0.00	-2.12	0.00	-1.06	0.00	0.00		

STAAD SPACE

-- PAGE NO. 122

334	0.00	-2.82	0.00	0.70	0.00	0.00	
	1.53	2.82	2.71	-0.70	0.00	0.00	000000
335	0.00	-5.64	0.00	0.00	0.00	0.00	
	-0.52	5.64	3.42	-0.00	0.00	0.00	000000
338	0.00	-2.82	0.00	0.00	0.00	0.00	
	-3.00	2.82	1.53	-0.00	0.00	0.00	000000
345	0.00	-2.82	0.00	0.00	0.00	0.00	
	3.61	2.82	0.04	-0.00	0.00	-0.00	000000
346	0.00	-5.64	0.00	0.00	0.00	0.00	
	0.73	5.64	-3.56	-0.00	0.00	-0.00	000000
349	0.00	-4.23	0.00	1.41	0.00	0.00	
	-1.64	4.23	0.12	-1.41	0.00	0.00	000000
352	0.00	-4.23	0.00	1.41	0.00	0.00	
	0.37	4.23	0.07	-1.41	0.00	0.00	000000
353	0.00	-5.64	0.00	0.00	0.00	0.00	
	-0.42	5.64	-0.28	0.00	-0.00	0.00	000000
356	0.00	-2.82	0.00	0.00	0.00	0.00	
	-1.69	2.82	-0.33	0.00	0.00	-0.00	000000
361	0.00	-2.82	0.00	0.00	0.00	0.00	
	3.21	2.82	0.11	-0.00	0.00	-0.00	000000
362	0.00	-5.64	0.00	0.00	0.00	0.00	
	-0.13	5.64	-3.08	-0.00	0.00	0.00	000000
365	0.00	-5.64	0.00	0.00	0.00	0.00	
	-1.17	5.64	-3.26	-0.00	0.00	0.00	000000
368	0.00	-5.64	0.00	0.00	0.00	0.00	
	-0.10	5.64	-3.41	-0.00	0.00	-0.00	000000
371	0.00	-5.64	0.00	0.00	0.00	0.00	
	-0.14	5.64	-3.96	-0.00	0.00	-0.00	000000
374	0.00	-2.82	0.00	0.00	0.00	0.00	
	-2.90	2.82	-2.19	-0.00	0.00	0.00	000000
377	0.00	-1.41	0.00	-1.41	0.00	0.00	
	0.77	1.41	-0.36	1.41	0.00	-0.00	000000
378	0.00	-2.82	0.00	-2.82	0.00	0.00	
	-0.25	2.82	0.41	2.82	-0.00	-0.00	000000
381	0.00	-2.82	0.00	-2.82	0.00	0.00	
	-0.07	2.82	-0.52	2.82	0.00	0.00	000000
384	0.00	-2.82	0.00	-2.82	0.00	0.00	
	-0.16	2.82	-0.70	2.82	0.00	-0.00	000000
387	0.00	-2.82	0.00	-2.82	0.00	0.00	
	-0.06	2.82	-0.68	2.82	0.00	0.00	000000
390	0.00	-1.41	0.00	-1.41	0.00	0.00	
	-0.87	1.41	-0.47	1.41	0.00	0.00	000000
412	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.16	-16.61	-0.03	-0.07	-0.00	1.26	111111

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
17	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
19	0.00000E+00	-5.31250E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.30209E-03
21	0.00000E+00	-1.53125E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.49870E+00
23	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-5.27401E-07
25	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.50000E+00
27	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	-1.50000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
30	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
32	0.00000E+00	-5.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-5.00000E-01	0.00000E+00	8.33334E-02	0.00000E+00	-8.33334E-02
36	0.00000E+00	-2.00000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-1.00000E+00	0.00000E+00	7.50000E-01	0.00000E+00	8.33335E-02
40	0.00000E+00	-1.50000E+00	0.00000E+00	-2.63700E-07	0.00000E+00	0.00000E+00
41	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
43	0.00000E+00	-1.75000E+00	0.00000E+00	1.41667E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-1.75000E+00	0.00000E+00	1.41667E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-1.50000E+00	0.00000E+00	-2.63700E-07	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-1.75000E+00	0.00000E+00	-1.41667E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-1.75000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	-8.33334E-02
58	0.00000E+00	-2.00000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-1.00000E+00	0.00000E+00	-7.50000E-01	0.00000E+00	8.33335E-02
61	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	-5.30351E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-1.53035E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-1.50000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
69	0.00000E+00	-3.00000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
71	0.00000E+00	-2.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.50000E+00
73	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-5.27401E-07
77	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.50000E+00
79	0.00000E+00	-7.50000E-01	0.00000E+00	-7.50001E-01	0.00000E+00	0.00000E+00
80	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-1.00000E+00	0.00000E+00	-8.33335E-02	0.00000E+00	-7.50000E-01
84	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.63700E-07
88	0.00000E+00	-7.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	7.50000E-01
91	0.00000E+00	-2.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-2.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
99	0.00000E+00	-2.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-1.79775E+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
102	0.00000E+00	-4.25136E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	-2.00000E+00	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
104	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-2.00000E+00	0.00000E+00	-7.14189E-08	0.00000E+00	0.00000E+00
108	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
118	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
121	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
122	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
123	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
124	0.00000E+00	-5.30565E-01	0.00000E+00	7.14189E-08	0.00000E+00	0.00000E+00
125	0.00000E+00	-1.53056E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-5.30565E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-1.53056E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-5.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	-5.30565E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
137	0.00000E+00	-1.53056E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-5.30565E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
141	0.00000E+00	-1.53056E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
149	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
150	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
151	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
152	0.00000E+00	-3.00000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
153	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
154	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
155	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
156	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
157	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	-1.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-1.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-2.00000E+00	0.00000E+00	1.33333E+00	0.00000E+00	0.00000E+00
164	0.00000E+00	-2.00000E+00	0.00000E+00	1.33333E+00	0.00000E+00	0.00000E+00
165	0.00000E+00	-2.00000E+00	0.00000E+00	-1.33333E+00	0.00000E+00	0.00000E+00
166	0.00000E+00	-2.00000E+00	0.00000E+00	-1.33333E+00	0.00000E+00	0.00000E+00
167	0.00000E+00	-2.00000E+00	0.00000E+00	1.50000E+00	0.00000E+00	1.31850E-07
168	0.00000E+00	-2.00000E+00	0.00000E+00	1.50000E+00	0.00000E+00	-1.31850E-07
169	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
171	0.00000E+00	-2.00000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	1.31850E-07
172	0.00000E+00	-2.00000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	-1.31850E-07
173	0.00000E+00	-2.00000E+00	0.00000E+00	1.50000E+00	0.00000E+00	1.31850E-07
174	0.00000E+00	-2.00000E+00	0.00000E+00	1.50000E+00	0.00000E+00	-2.52713E-07
175	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
176	0.00000E+00	-3.00000E+00	0.00000E+00	-5.27401E-07	0.00000E+00	0.00000E+00
177	0.00000E+00	-2.00000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	1.31850E-07
178	0.00000E+00	-2.00000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	-2.52713E-07
179	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-3.00000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
184	0.00000E+00	-3.00000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
185	0.00000E+00	-3.00000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
186	0.00000E+00	-3.00000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
187	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
190	0.00000E+00	-1.50000E+00	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-5.30565E-01	0.00000E+00	2.52713E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-1.53056E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
193	0.00000E+00	-5.30565E-01	0.00000E+00	-2.52713E-07	0.00000E+00	0.00000E+00
194	0.00000E+00	-1.53056E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	-2.00000E+00	0.00000E+00	2.52713E-07	0.00000E+00	0.00000E+00
196	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
197	0.00000E+00	-2.00000E+00	0.00000E+00	-2.52713E-07	0.00000E+00	0.00000E+00
198	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
199	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
200	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
202	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
203	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
206	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	-2.00000E+00	0.00000E+00	2.52713E-07	0.00000E+00	0.00000E+00
208	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
209	0.00000E+00	-2.00000E+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
210	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33332E-02	0.00000E+00	6.38020E-02
216	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33332E-02	0.00000E+00	-6.38021E-02
217	0.00000E+00	-9.68750E-01	0.00000E+00	8.33334E-02	0.00000E+00	6.38020E-02
218	0.00000E+00	-9.68750E-01	0.00000E+00	8.33334E-02	0.00000E+00	-6.38021E-02
219	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33335E-02	0.00000E+00	6.38020E-02
220	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33335E-02	0.00000E+00	-6.38021E-02
221	0.00000E+00	-9.68750E-01	0.00000E+00	8.33335E-02	0.00000E+00	6.38020E-02
222	0.00000E+00	-9.68750E-01	0.00000E+00	8.33335E-02	0.00000E+00	-6.38021E-02
223	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33335E-02	0.00000E+00	6.38020E-02
224	0.00000E+00	-9.68750E-01	0.00000E+00	8.33337E-02	0.00000E+00	6.38020E-02
225	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33335E-02	0.00000E+00	-6.38021E-02
226	0.00000E+00	-9.68750E-01	0.00000E+00	8.33337E-02	0.00000E+00	-6.38021E-02
227	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33330E-02	0.00000E+00	6.38020E-02
228	0.00000E+00	-9.68750E-01	0.00000E+00	-8.33330E-02	0.00000E+00	-6.38021E-02
229	0.00000E+00	-9.68750E-01	0.00000E+00	8.33330E-02	0.00000E+00	6.38020E-02
230	0.00000E+00	-9.68750E-01	0.00000E+00	8.33330E-02	0.00000E+00	-6.38021E-02
231	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
232	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
233	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
234	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
235	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
236	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
237	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
238	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
239	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
240	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
241	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
242	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
243	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
244	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
245	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
246	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
247	0.00000E+00	-6.00000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
248	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
249	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
250	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
251	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
252	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
253	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
254	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
255	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
256	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
257	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
258	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
259	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
260	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
261	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
262	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
263	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
264	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
265	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
266	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
267	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
268	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
269	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
270	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
271	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
272	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
273	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
274	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
275	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
276	0.00000E+00	-4.50000E-01	0.00000E+00	2.25000E-01	0.00000E+00	0.00000E+00
277	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
278	0.00000E+00	-9.00000E-01	0.00000E+00	4.50000E-01	0.00000E+00	0.00000E+00
279	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
281	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
282	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
284	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
285	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
287	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
288	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
290	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
291	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
292	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
293	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
294	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
295	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
296	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
297	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
298	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
299	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
300	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
301	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
302	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
303	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
304	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
305	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
306	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
307	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
308	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
309	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
310	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
311	0.00000E+00	-4.50000E-01	0.00000E+00	-2.25000E-01	0.00000E+00	0.00000E+00
312	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
313	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
314	0.00000E+00	-4.50000E-01	0.00000E+00	-2.25000E-01	0.00000E+00	0.00000E+00
315	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
316	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
317	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
318	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
319	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
320	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
323	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
324	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
325	0.00000E+00	-3.00000E-01	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00
326	0.00000E+00	-3.00000E-01	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00
327	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
328	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
329	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
331	0.00000E+00	-6.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
332	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	-6.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
335	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
337	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
340	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	0.00000E+00	-4.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
344	0.00000E+00	-4.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
345	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
349	0.00000E+00	-9.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
350	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
352	0.00000E+00	-9.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
353	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
354	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
356	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
357	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
358	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
359	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
360	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
361	0.00000E+00	-6.00000E-01	0.00000E+00	2.85675E-07	0.00000E+00	0.00000E+00
362	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
363	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
364	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
365	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
366	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
367	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
368	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
369	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
370	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
371	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
372	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
373	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
374	0.00000E+00	-6.00000E-01	0.00000E+00	2.85675E-07	0.00000E+00	0.00000E+00
375	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
376	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
377	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
378	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
379	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
380	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
381	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
382	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
383	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
384	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
385	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
386	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
387	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
388	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
389	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
390	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
391	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
392	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
399	0.00000E+00	-1.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
400	0.00000E+00	-3.00000E-01	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00
401	0.00000E+00	-4.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
402	0.00000E+00	-1.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
403	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
404	0.00000E+00	-2.97752E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
405	0.00000E+00	-4.25136E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	-1.15211E+00	0.00000E+00	0.00000E+00	0.00000E+00	-5.02269E-01
407	0.00000E+00	-1.15211E+00	0.00000E+00	0.00000E+00	0.00000E+00	-5.02269E-01
408	0.00000E+00	-3.75000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
409	0.00000E+00	-3.75000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
410	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
411	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	-5.00000E-01	0.00000E+00	8.33333E-02	0.00000E+00	-6.25000E-02
414	0.00000E+00	-9.68750E-01	0.00000E+00	1.66667E-01	0.00000E+00	-1.95313E-02
415	0.00000E+00	-9.68750E-01	0.00000E+00	1.66667E-01	0.00000E+00	1.95313E-02
416	0.00000E+00	-5.00000E-01	0.00000E+00	8.33333E-02	0.00000E+00	6.25000E-02
417	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33333E-02	0.00000E+00	-6.36308E-02
418	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33333E-02	0.00000E+00	6.36308E-02
419	0.00000E+00	-1.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
420	0.00000E+00	-1.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	0.00000E+00	-5.00685E-01	0.00000E+00	8.33334E-02	0.00000E+00	-6.36308E-02
422	0.00000E+00	-5.00685E-01	0.00000E+00	8.33334E-02	0.00000E+00	6.36308E-02
423	0.00000E+00	-5.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
424	0.00000E+00	-5.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
425	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33334E-02	0.00000E+00	-6.36308E-02
426	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33334E-02	0.00000E+00	6.36308E-02
427	0.00000E+00	-5.00685E-01	0.00000E+00	8.33334E-02	0.00000E+00	-6.36308E-02
428	0.00000E+00	-5.00685E-01	0.00000E+00	8.33334E-02	0.00000E+00	6.36308E-02
429	0.00000E+00	-5.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
430	0.00000E+00	-5.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
431	0.00000E+00	-5.30565E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
432	0.00000E+00	-5.30565E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00

STAAD SPACE

-- PAGE NO. 130

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
433	0.00000E+00	-5.30565E-01	0.00000E+00	2.52713E-07	0.00000E+00	0.00000E+00
434	0.00000E+00	-5.30565E-01	0.00000E+00	2.52713E-07	0.00000E+00	0.00000E+00
435	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33334E-02	0.00000E+00	-6.36308E-02
436	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33334E-02	0.00000E+00	6.36308E-02
437	0.00000E+00	-5.00685E-01	0.00000E+00	8.33335E-02	0.00000E+00	-6.36308E-02
438	0.00000E+00	-5.00685E-01	0.00000E+00	8.33335E-02	0.00000E+00	6.36308E-02
439	0.00000E+00	-2.50000E-01	0.00000E+00	-8.33335E-02	0.00000E+00	0.00000E+00
440	0.00000E+00	-2.50000E-01	0.00000E+00	-8.33335E-02	0.00000E+00	0.00000E+00
441	0.00000E+00	-9.68750E-01	0.00000E+00	-1.66666E-01	0.00000E+00	-1.95313E-02
442	0.00000E+00	-9.68750E-01	0.00000E+00	-1.66666E-01	0.00000E+00	1.95313E-02
443	0.00000E+00	-2.50000E-01	0.00000E+00	8.33332E-02	0.00000E+00	0.00000E+00
444	0.00000E+00	-2.50000E-01	0.00000E+00	8.33332E-02	0.00000E+00	0.00000E+00
445	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33332E-02	0.00000E+00	-6.36308E-02
446	0.00000E+00	-5.00685E-01	0.00000E+00	-8.33332E-02	0.00000E+00	6.36308E-02
447	0.00000E+00	-5.00685E-01	0.00000E+00	8.33332E-02	0.00000E+00	-6.36308E-02
448	0.00000E+00	-5.00685E-01	0.00000E+00	8.33332E-02	0.00000E+00	6.36308E-02
449	0.00000E+00	-5.00899E-01	0.00000E+00	-8.33332E-02	0.00000E+00	-6.35773E-02
450	0.00000E+00	-5.00899E-01	0.00000E+00	-8.33332E-02	0.00000E+00	6.35773E-02

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

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

X = 0.149317189E+02
Y = 0.402889968E+01
Z = 0.271289005E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 3)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -548.10
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 14869.35 MY= 0.00 MZ= -8184.07

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 3)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 548.10
SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -14869.35 MY= 0.00 MZ= 8184.07

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 3)
 MAXIMUMS AT NODE
 X = 1.11442E-01 233
 Y = -9.95687E-01 144
 Z = 4.21609E-02 402
 RX= 2.74289E-03 116
 RY= 6.06157E-05 195
 RZ= -2.22239E-03 179

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	
	-0.00	-2.35	-0.13	-0.16	-0.00	-0.52	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	0.30	-9.97	-1.23	-1.37	-0.00	-0.81	111111
4	0.00	-1.50	0.00	1.50	0.00	0.00	
	0.12	1.50	-1.31	-1.50	0.00	-0.00	000000
5	0.00	0.00	0.00	0.00	0.00	0.00	
	0.59	-11.63	-1.65	-1.81	-0.00	-1.09	111111
6	0.00	-1.00	0.00	0.08	0.00	-0.75	
	0.05	1.00	-0.41	-0.08	0.01	0.75	000000
7	0.00	0.00	0.00	0.00	0.00	0.00	
	0.35	-11.13	-1.74	-1.89	-0.00	-0.86	111111
8	0.00	-1.50	0.00	0.00	0.00	0.00	
	0.12	1.50	-0.32	0.00	0.01	0.00	000000
9	0.00	0.00	0.00	0.00	0.00	0.00	
	0.37	-10.54	-1.57	-1.69	-0.00	-0.87	111111
10	0.00	-1.50	0.00	0.00	0.00	-0.00	
	0.18	1.50	-0.22	0.00	0.01	0.00	000000
11	0.00	0.00	0.00	0.00	0.00	0.00	
	0.36	-5.12	-0.72	-0.73	-0.00	-0.87	111111
12	0.00	-0.75	0.00	0.00	0.00	0.75	
	0.24	0.75	0.16	-0.00	0.01	-0.75	000000
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.23	-11.67	-0.02	-0.05	-0.00	1.70	111111
14	0.00	-1.50	0.00	0.00	0.00	0.00	
	-1.70	1.50	-0.01	0.00	-0.01	-0.00	000000
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.08	-14.29	-0.03	-0.05	-0.00	2.58	111111
16	0.00	-1.50	0.00	0.00	0.00	0.00	
	-1.09	1.50	0.00	-0.00	-0.02	-0.00	000000
18	0.00	0.00	0.00	0.00	0.00	0.00	
	3.32	-38.57	0.28	0.32	-0.00	-3.65	111111
19	0.00	-0.53	0.00	0.00	0.00	-0.00	

STAAD SPACE

-- PAGE NO. 132

23	0.00	-3.00	0.00	0.00	0.00	-0.00	
	0.42	3.00	0.24	0.00	-0.01	0.00	000000
24	0.00	0.00	0.00	0.00	0.00	0.00	
	0.39	-12.96	-0.05	0.02	-0.00	-0.80	111111
25	0.00	-1.50	0.00	0.00	0.00	1.50	
	0.53	1.50	0.19	0.00	-0.01	-1.50	000000
26	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.55	-12.50	-0.02	-0.05	-0.00	2.11	111111
27	0.00	-1.50	0.00	0.00	0.00	0.00	
	-1.98	1.50	0.00	0.00	-0.01	-0.00	000000
28	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.78	-13.24	-0.02	-0.05	-0.00	2.39	111111
29	0.00	-1.50	0.00	0.00	0.00	0.00	
	-0.93	1.50	0.00	-0.00	-0.02	-0.00	000000
31	0.00	0.00	0.00	0.00	0.00	0.00	
	2.51	-26.97	0.70	0.79	-0.00	-2.76	111111
32	0.00	-0.50	0.00	0.00	0.00	0.00	
	1.83	0.50	0.27	-0.00	0.01	0.00	000000
33	0.00	0.00	0.00	0.00	0.00	0.00	
	0.36	-15.73	0.76	0.87	-0.00	-0.67	111111
34	0.00	-0.50	0.00	0.08	0.00	-0.08	
	-0.70	0.50	0.24	-0.08	-0.01	0.08	000000
35	0.00	0.00	0.00	0.00	0.00	0.00	
	0.19	-19.35	1.02	1.19	-0.00	-0.50	111111
36	0.00	-2.00	0.00	1.50	0.00	0.00	
	0.15	2.00	0.22	-1.50	-0.01	-0.00	000000
37	0.00	0.00	0.00	0.00	0.00	0.00	
	0.47	-10.05	0.72	0.87	-0.00	-0.77	111111
38	0.00	-1.00	0.00	0.75	0.00	0.08	
	0.51	1.00	0.12	-0.75	-0.01	-0.08	000000
39	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.70	-11.59	-0.03	-0.05	-0.00	2.36	111111
42	0.00	0.00	0.00	0.00	0.00	0.00	
	2.27	-13.90	0.04	0.06	-0.00	-2.48	111111
43	0.00	-1.75	0.00	1.42	0.00	0.00	
	0.78	1.75	-0.03	-1.42	0.01	0.00	000000
44	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.19	-7.43	0.09	0.13	-0.00	-0.08	111111
45	0.00	-1.75	0.00	1.42	0.00	0.00	
	-0.15	1.75	-0.04	-1.42	-0.00	0.00	000000
46	0.00	0.00	0.00	0.00	0.00	0.00	
	0.16	-10.49	0.09	0.15	-0.00	-0.42	111111
48	0.00	0.00	0.00	0.00	0.00	0.00	
	0.95	-4.85	0.10	0.18	-0.00	-1.19	111111
50	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE

-- PAGE NO. 133

57	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-20.21	-1.03	-1.09	-0.00	-0.33	111111
58	0.00	-2.00	0.00	-1.50	0.00	0.00	
	0.08	2.00	-0.33	1.50	-0.04	0.00	000000
59	0.00	0.00	0.00	0.00	0.00	0.00	
	0.41	-10.39	-0.60	-0.60	-0.00	-0.61	111111
60	0.00	-1.00	0.00	-0.75	0.00	0.08	
	0.51	1.00	0.03	0.75	-0.04	-0.08	000000
67	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.80	-7.51	-0.04	-0.06	-0.00	0.66	111111
68	0.00	-1.50	0.00	0.00	0.00	0.00	
	-0.28	1.50	-0.00	-0.00	0.00	0.00	000000
70	0.00	0.00	0.00	0.00	0.00	0.00	
	0.73	-21.32	0.98	1.09	-0.00	-0.83	111111
71	0.00	-2.00	0.00	0.00	0.00	-1.50	
	-0.16	2.00	0.37	0.00	0.04	1.50	000000
72	0.00	0.00	0.00	0.00	0.00	0.00	
	0.04	-19.91	1.03	1.18	-0.00	-0.15	111111
73	0.00	-3.00	0.00	0.00	0.00	0.00	
	-0.06	3.00	0.49	0.00	0.04	-0.00	000000
74	0.00	0.00	0.00	0.00	0.00	0.00	
	0.09	-20.68	1.11	1.28	-0.00	-0.21	111111
75	0.00	-3.00	0.00	0.00	0.00	-0.00	
	-0.02	3.00	0.54	0.00	0.04	0.00	000000
76	0.00	0.00	0.00	0.00	0.00	0.00	
	0.21	-10.50	0.79	0.94	-0.00	-0.32	111111
77	0.00	-1.50	0.00	0.00	0.00	1.50	
	0.60	1.50	0.17	-0.00	0.04	-1.50	000000
78	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.17	-2.20	0.08	0.07	-0.00	0.10	111111
81	0.00	0.00	0.00	0.00	0.00	0.00	
	0.10	-4.08	0.23	0.27	-0.00	-0.17	111111
83	0.00	0.00	0.00	0.00	0.00	0.00	
	0.04	-4.63	0.42	0.49	-0.00	-0.10	111111
84	0.00	-1.50	0.00	0.00	0.00	0.00	
	0.03	1.50	-0.15	0.00	-0.00	0.00	000000
85	0.00	0.00	0.00	0.00	0.00	0.00	
	0.05	-4.64	0.42	0.52	-0.00	-0.11	111111
86	0.00	-1.50	0.00	0.00	0.00	-0.00	
	-0.01	1.50	-0.14	0.00	-0.00	0.00	000000
87	0.00	0.00	0.00	0.00	0.00	0.00	
	0.15	-2.34	0.21	0.30	-0.00	-0.21	111111
89	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-23.36	0.91	1.13	0.00	-0.14	111111
90	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE							-- PAGE NO. 134	
244	0.00	-0.30	0.00	0.30	0.00	0.00		
	-0.59	0.30	0.74	-0.30	-0.00	0.00	000000	
247	0.00	-0.60	0.00	0.00	0.00	0.00		
	3.66	0.60	0.04	-0.00	-0.00	0.00	000000	
248	0.00	-1.20	0.00	0.00	0.00	0.00		
	1.72	1.20	1.65	-0.00	0.00	-0.00	000000	
251	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.37	1.20	-0.29	-0.00	0.00	0.00	000000	
254	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.26	1.20	-0.36	-0.00	0.00	0.00	000000	
257	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.33	1.20	-0.54	-0.00	-0.00	0.00	000000	
260	0.00	-0.30	0.00	-0.30	0.00	0.00		
	-0.55	0.30	-0.36	0.30	-0.00	-0.00	000000	
263	0.00	-0.60	0.00	0.00	0.00	0.00		
	4.37	0.60	0.03	-0.00	-0.00	0.00	000000	
264	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.40	1.20	-0.01	-0.00	-0.00	0.00	000000	
267	0.00	-0.90	0.00	-0.30	0.00	0.00		
	-4.70	0.90	-0.48	0.30	0.00	-0.00	000000	
270	0.00	-0.90	0.00	-0.30	0.00	0.00		
	0.06	0.90	-0.57	0.30	0.00	0.00	000000	
276	0.00	-0.45	0.00	0.23	0.00	0.00		
	-1.26	0.45	0.07	-0.23	0.00	0.00	000000	
279	0.00	-0.60	0.00	0.00	0.00	0.00		
	4.18	0.60	0.03	-0.00	-0.00	0.00	000000	
280	0.00	-1.20	0.00	0.00	0.00	0.00		
	1.58	1.20	-0.08	-0.00	0.00	-0.00	000000	
283	0.00	-0.60	0.00	0.00	0.00	0.00		
	-0.96	0.60	0.16	0.00	0.00	-0.00	000000	
286	0.00	-0.60	0.00	0.00	0.00	0.00		
	0.13	0.60	0.14	0.00	0.00	0.00	000000	
290	0.00	-0.60	0.00	0.00	0.00	0.00		
	-0.40	0.60	-0.06	0.00	0.00	-0.00	000000	
293	0.00	-0.60	0.00	0.00	0.00	0.00		
	3.90	0.60	0.03	-0.00	-0.00	-0.00	000000	
294	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.37	1.20	-0.45	-0.00	-0.00	-0.00	000000	
297	0.00	-0.60	0.00	0.00	0.00	0.00		
	-4.15	0.60	-1.03	-0.00	0.00	-0.00	000000	
300	0.00	-0.60	0.00	0.00	0.00	0.00		
	0.35	0.60	-1.06	-0.00	0.00	-0.00	000000	
301	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.33	1.20	-1.29	-0.00	0.00	0.00	000000	
304	0.00	-0.60	0.00	0.00	0.00	0.00		

STAAD SPACE							-- PAGE NO. 135	
318	0.00	-0.60	0.00	-0.00	0.00	0.00		
	-0.94	0.60	-0.14	0.00	0.00	0.00	000000	
327	0.00	-0.60	0.00	0.00	0.00	0.00		
	4.14	0.60	0.03	0.00	-0.00	-0.00	000000	
331	0.00	-0.60	0.00	0.15	0.00	0.00		
	-4.05	0.60	1.18	-0.15	0.00	0.00	000000	
334	0.00	-0.60	0.00	0.15	0.00	0.00		
	0.34	0.60	1.28	-0.15	0.00	0.00	000000	
335	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.23	1.20	1.41	0.00	0.00	0.00	000000	
338	0.00	-0.60	0.00	0.00	0.00	0.00		
	-0.93	0.60	0.64	0.00	0.00	-0.00	000000	
345	0.00	-0.60	0.00	0.00	0.00	0.00		
	1.19	0.60	0.02	-0.00	0.00	0.00	000000	
346	0.00	-1.20	0.00	0.00	0.00	0.00		
	0.35	1.20	-1.45	0.00	0.00	-0.00	000000	
349	0.00	-0.90	0.00	0.30	0.00	0.00		
	-0.51	0.90	0.02	-0.30	0.00	-0.00	000000	
353	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.21	1.20	-0.12	0.00	-0.00	0.00	000000	
356	0.00	-0.60	0.00	0.00	0.00	0.00		
	-0.41	0.60	-0.13	0.00	0.00	-0.00	000000	
361	0.00	-0.60	0.00	0.00	0.00	0.00		
	1.06	0.60	0.04	-0.00	0.00	0.00	000000	
362	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.02	1.20	-1.28	-0.00	0.00	-0.00	000000	
365	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.61	1.20	-1.38	-0.00	0.00	0.00	000000	
368	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.00	1.20	-1.49	-0.00	0.00	0.00	000000	
371	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.10	1.20	-1.59	-0.00	0.00	-0.00	000000	
374	0.00	-0.60	0.00	0.00	0.00	0.00		
	-0.83	0.60	-0.90	-0.00	0.00	0.00	000000	
377	0.00	-0.30	0.00	-0.30	0.00	0.00		
	0.22	0.30	-0.11	0.30	0.00	0.00	000000	
378	0.00	-0.60	0.00	-0.60	0.00	0.00		
	-0.09	0.60	0.21	0.60	-0.00	0.00	000000	
381	0.00	-0.60	0.00	-0.60	0.00	0.00		
	-0.05	0.60	-0.17	0.60	0.00	0.00	000000	
384	0.00	-0.60	0.00	-0.60	0.00	0.00		
	-0.07	0.60	-0.27	0.60	0.00	-0.00	000000	
387	0.00	-0.60	0.00	-0.60	0.00	0.00		
	-0.04	0.60	-0.28	0.60	0.00	-0.00	000000	
390	0.00	-0.30	0.00	-0.30	0.00	0.00		

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
10	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.19750E-07
12	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	5.40000E-01
14	0.00000E+00	-1.08000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
16	0.00000E+00	-1.08000E+00	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
17	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
19	0.00000E+00	-3.82500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-9.37502E-04
21	0.00000E+00	-1.10250E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.07906E+00
23	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-07
25	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.08000E+00
27	0.00000E+00	-1.08000E+00	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
29	0.00000E+00	-1.08000E+00	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
30	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
32	0.00000E+00	-3.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-3.60000E-01	0.00000E+00	6.00000E-02	0.00000E+00	-6.00000E-02
36	0.00000E+00	-1.44000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-7.20000E-01	0.00000E+00	5.40000E-01	0.00000E+00	6.00001E-02
40	0.00000E+00	-1.08000E+00	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
41	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
43	0.00000E+00	-1.26000E+00	0.00000E+00	1.02000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-1.26000E+00	0.00000E+00	1.02000E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-1.08000E+00	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-1.26000E+00	0.00000E+00	-1.02000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-1.26000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	-6.00000E-02
58	0.00000E+00	-1.44000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	-7.20000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	6.00001E-02
61	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	-3.81853E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-1.10185E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-1.08000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
69	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
71	0.00000E+00	-1.44000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.08000E+00
73	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	8.79001E-08
75	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-4.39501E-07
77	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.08000E+00
79	0.00000E+00	-5.40000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00
80	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-7.20000E-01	0.00000E+00	-6.00001E-02	0.00000E+00	-5.40000E-01
84	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	4.39501E-08
86	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-2.19750E-07
88	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	5.40000E-01
91	0.00000E+00	-1.44000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-1.44000E+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

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
98	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
99	0.00000E+00	-1.44000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-1.29438E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	-3.06098E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	-1.44000E+00	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
104	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-1.44000E+00	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
108	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
112	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
114	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
116	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
118	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
120	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
121	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
122	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
123	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
124	0.00000E+00	-3.82007E-01	0.00000E+00	5.49376E-08	0.00000E+00	0.00000E+00
125	0.00000E+00	-1.10201E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-3.82007E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-1.10201E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-3.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-1.08000E+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	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	-3.82007E-01	0.00000E+00	-9.88877E-08	0.00000E+00	0.00000E+00
137	0.00000E+00	-1.10201E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-3.82007E-01	0.00000E+00	9.88877E-08	0.00000E+00	0.00000E+00
141	0.00000E+00	-1.10201E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
145	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
146	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
147	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
148	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
149	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
150	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
151	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
152	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
153	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
154	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
155	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
156	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
157	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	-7.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-7.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-1.44000E+00	0.00000E+00	9.60000E-01	0.00000E+00	0.00000E+00
164	0.00000E+00	-1.44000E+00	0.00000E+00	9.60000E-01	0.00000E+00	0.00000E+00
165	0.00000E+00	-1.44000E+00	0.00000E+00	-9.60000E-01	0.00000E+00	0.00000E+00
166	0.00000E+00	-1.44000E+00	0.00000E+00	-9.60000E-01	0.00000E+00	0.00000E+00
167	0.00000E+00	-1.44000E+00	0.00000E+00	1.08000E+00	0.00000E+00	9.88877E-08
168	0.00000E+00	-1.44000E+00	0.00000E+00	1.08000E+00	0.00000E+00	-9.88877E-08
169	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
171	0.00000E+00	-1.44000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	9.88877E-08
172	0.00000E+00	-1.44000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	-9.88877E-08
173	0.00000E+00	-1.44000E+00	0.00000E+00	1.08000E+00	0.00000E+00	9.88877E-08
174	0.00000E+00	-1.44000E+00	0.00000E+00	1.08000E+00	0.00000E+00	-1.81294E-07
175	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
176	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
177	0.00000E+00	-1.44000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	9.88877E-08
178	0.00000E+00	-1.44000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	-1.81294E-07
179	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
184	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
185	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
186	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
187	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
190	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-3.82007E-01	0.00000E+00	1.81294E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-1.10201E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
193	0.00000E+00	-3.82007E-01	0.00000E+00	-1.81294E-07	0.00000E+00	0.00000E+00
194	0.00000E+00	-1.10201E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	-1.44000E+00	0.00000E+00	1.81294E-07	0.00000E+00	0.00000E+00
196	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
197	0.00000E+00	-1.44000E+00	0.00000E+00	-1.81294E-07	0.00000E+00	0.00000E+00
198	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
199	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
200	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
202	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
203	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	-1.08000E+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
206	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	-1.44000E+00	0.00000E+00	1.81294E-07	0.00000E+00	0.00000E+00
208	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
209	0.00000E+00	-1.44000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	-6.97500E-01	0.00000E+00	-5.99999E-02	0.00000E+00	4.59375E-02
216	0.00000E+00	-6.97500E-01	0.00000E+00	-5.99999E-02	0.00000E+00	-4.59375E-02
217	0.00000E+00	-6.97500E-01	0.00000E+00	6.00000E-02	0.00000E+00	4.59375E-02
218	0.00000E+00	-6.97500E-01	0.00000E+00	6.00000E-02	0.00000E+00	-4.59375E-02
219	0.00000E+00	-6.97500E-01	0.00000E+00	-6.00001E-02	0.00000E+00	4.59375E-02
220	0.00000E+00	-6.97500E-01	0.00000E+00	-6.00001E-02	0.00000E+00	-4.59375E-02
221	0.00000E+00	-6.97500E-01	0.00000E+00	6.00001E-02	0.00000E+00	4.59375E-02
222	0.00000E+00	-6.97500E-01	0.00000E+00	6.00001E-02	0.00000E+00	-4.59375E-02
223	0.00000E+00	-6.97500E-01	0.00000E+00	-6.00001E-02	0.00000E+00	4.59375E-02
224	0.00000E+00	-6.97500E-01	0.00000E+00	6.00003E-02	0.00000E+00	4.59375E-02
225	0.00000E+00	-6.97500E-01	0.00000E+00	-6.00001E-02	0.00000E+00	-4.59375E-02
226	0.00000E+00	-6.97500E-01	0.00000E+00	6.00003E-02	0.00000E+00	-4.59375E-02
227	0.00000E+00	-6.97500E-01	0.00000E+00	-5.99998E-02	0.00000E+00	4.59375E-02
228	0.00000E+00	-6.97500E-01	0.00000E+00	-5.99998E-02	0.00000E+00	-4.59375E-02
229	0.00000E+00	-6.97500E-01	0.00000E+00	5.99998E-02	0.00000E+00	4.59375E-02
230	0.00000E+00	-6.97500E-01	0.00000E+00	5.99998E-02	0.00000E+00	-4.59375E-02
231	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
232	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
233	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
234	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
235	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
236	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
237	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
238	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
239	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
240	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
241	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
242	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
243	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
244	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
245	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
246	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
247	0.00000E+00	-4.20000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
248	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
249	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
250	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
251	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
252	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
253	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
254	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
255	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
256	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
257	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
258	0.00000E+00	-8.40000E-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
259	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
260	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
261	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
262	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
263	0.00000E+00	-4.20000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
264	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
265	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
266	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
267	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
268	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
269	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
270	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
271	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
272	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
273	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
274	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
275	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
276	0.00000E+00	-3.15000E-01	0.00000E+00	1.57500E-01	0.00000E+00	0.00000E+00
277	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
278	0.00000E+00	-6.30000E-01	0.00000E+00	3.15000E-01	0.00000E+00	0.00000E+00
279	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
280	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
281	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
282	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
283	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
284	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
285	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
286	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
287	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
288	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
289	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
290	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
291	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
292	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
293	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
294	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
295	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
296	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
297	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
298	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
299	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
300	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
301	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
302	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
303	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
304	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
305	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
306	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
307	0.00000E+00	-4.20000E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
308	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
309	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
310	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
311	0.00000E+00	-3.15000E-01	0.00000E+00	-1.57500E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
312	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
313	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
314	0.00000E+00	-3.15000E-01	0.00000E+00	-1.57500E-01	0.00000E+00	0.00000E+00
315	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
316	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
317	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
318	0.00000E+00	-4.20000E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
319	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
320	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
323	0.00000E+00	-2.10000E-01	0.00000E+00	1.05000E-01	0.00000E+00	0.00000E+00
324	0.00000E+00	-2.10000E-01	0.00000E+00	1.05000E-01	0.00000E+00	0.00000E+00
325	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
326	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
327	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
328	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
329	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
331	0.00000E+00	-4.20000E-01	0.00000E+00	1.05000E-01	0.00000E+00	0.00000E+00
332	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	-4.20000E-01	0.00000E+00	1.05000E-01	0.00000E+00	0.00000E+00
335	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
337	0.00000E+00	-8.40000E-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	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
340	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	0.00000E+00	-3.15000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
344	0.00000E+00	-3.15000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
345	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
349	0.00000E+00	-6.30000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
350	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
352	0.00000E+00	-6.30000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
353	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
354	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
356	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
357	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
358	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
359	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
360	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
361	0.00000E+00	-4.20000E-01	0.00000E+00	1.97775E-07	0.00000E+00	0.00000E+00
362	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
363	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
364	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
365	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
366	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
367	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
368	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
369	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
370	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
371	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
372	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
373	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
374	0.00000E+00	-4.20000E-01	0.00000E+00	1.97775E-07	0.00000E+00	0.00000E+00
375	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
376	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
377	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
378	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
379	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
380	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
381	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
382	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
383	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
384	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
385	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
386	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
387	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
388	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
389	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
390	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
391	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
392	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
399	0.00000E+00	-1.05000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
400	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
401	0.00000E+00	-3.15000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
402	0.00000E+00	-1.05000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
403	0.00000E+00	-2.10000E-01	0.00000E+00	1.05000E-01	0.00000E+00	0.00000E+00
404	0.00000E+00	-2.14381E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
405	0.00000E+00	-3.06098E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	-8.29522E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.61633E-01
407	0.00000E+00	-8.29522E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.61633E-01
408	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
409	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
410	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
411	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	-3.60000E-01	0.00000E+00	6.00000E-02	0.00000E+00	-4.50000E-02
414	0.00000E+00	-6.97500E-01	0.00000E+00	1.20000E-01	0.00000E+00	-1.40626E-02
415	0.00000E+00	-6.97500E-01	0.00000E+00	1.20000E-01	0.00000E+00	1.40625E-02
416	0.00000E+00	-3.60000E-01	0.00000E+00	6.00000E-02	0.00000E+00	4.50000E-02
417	0.00000E+00	-3.60493E-01	0.00000E+00	-6.00000E-02	0.00000E+00	-4.58142E-02
418	0.00000E+00	-3.60493E-01	0.00000E+00	-6.00000E-02	0.00000E+00	4.58142E-02
419	0.00000E+00	-7.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
420	0.00000E+00	-7.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	0.00000E+00	-3.60493E-01	0.00000E+00	6.00000E-02	0.00000E+00	-4.58142E-02
422	0.00000E+00	-3.60493E-01	0.00000E+00	6.00000E-02	0.00000E+00	4.58142E-02
423	0.00000E+00	-3.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
424	0.00000E+00	-3.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
425	0.00000E+00	-3.60493E-01	0.00000E+00	-6.00000E-02	0.00000E+00	-4.58142E-02
426	0.00000E+00	-3.60493E-01	0.00000E+00	-6.00000E-02	0.00000E+00	4.58142E-02
427	0.00000E+00	-3.60493E-01	0.00000E+00	6.00000E-02	0.00000E+00	-4.58142E-02
428	0.00000E+00	-3.60493E-01	0.00000E+00	6.00000E-02	0.00000E+00	4.58142E-02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
429	0.00000E+00	-3.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
430	0.00000E+00	-3.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
431	0.00000E+00	-3.82007E-01	0.00000E+00	-9.88877E-08	0.00000E+00	0.00000E+00
432	0.00000E+00	-3.82007E-01	0.00000E+00	-9.88877E-08	0.00000E+00	0.00000E+00
433	0.00000E+00	-3.82007E-01	0.00000E+00	1.81294E-07	0.00000E+00	0.00000E+00
434	0.00000E+00	-3.82007E-01	0.00000E+00	1.81294E-07	0.00000E+00	0.00000E+00
435	0.00000E+00	-3.60493E-01	0.00000E+00	-6.00000E-02	0.00000E+00	-4.58142E-02
436	0.00000E+00	-3.60493E-01	0.00000E+00	-6.00000E-02	0.00000E+00	4.58142E-02
437	0.00000E+00	-3.60493E-01	0.00000E+00	6.00001E-02	0.00000E+00	-4.58142E-02
438	0.00000E+00	-3.60493E-01	0.00000E+00	6.00001E-02	0.00000E+00	4.58142E-02
439	0.00000E+00	-1.80000E-01	0.00000E+00	-6.00001E-02	0.00000E+00	0.00000E+00
440	0.00000E+00	-1.80000E-01	0.00000E+00	-6.00001E-02	0.00000E+00	0.00000E+00
441	0.00000E+00	-6.97500E-01	0.00000E+00	-1.20000E-01	0.00000E+00	-1.40626E-02
442	0.00000E+00	-6.97500E-01	0.00000E+00	-1.20000E-01	0.00000E+00	1.40625E-02
443	0.00000E+00	-1.80000E-01	0.00000E+00	5.99999E-02	0.00000E+00	0.00000E+00
444	0.00000E+00	-1.80000E-01	0.00000E+00	5.99999E-02	0.00000E+00	0.00000E+00
445	0.00000E+00	-3.60493E-01	0.00000E+00	-5.99999E-02	0.00000E+00	-4.58142E-02
446	0.00000E+00	-3.60493E-01	0.00000E+00	-5.99999E-02	0.00000E+00	4.58142E-02
447	0.00000E+00	-3.60493E-01	0.00000E+00	5.99999E-02	0.00000E+00	-4.58142E-02
448	0.00000E+00	-3.60493E-01	0.00000E+00	5.99999E-02	0.00000E+00	4.58142E-02
449	0.00000E+00	-3.60647E-01	0.00000E+00	-5.99999E-02	0.00000E+00	-4.57756E-02
450	0.00000E+00	-3.60647E-01	0.00000E+00	-5.99999E-02	0.00000E+00	4.57757E-02

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

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

X = 0.149320341E+02
Y = 0.400770395E+01
Z = 0.271279683E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 4)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -391.74
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 10627.11 MY= 0.00 MZ= -5849.48

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 4)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 391.74
SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -10627.11 MY= 0.00 MZ= 5849.47

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 4)
 MAXIMUMS AT NODE
 X = 7.96846E-02 243
 Y = -7.11514E-01 144
 Z = 3.01146E-02 402
 RX= 1.96400E-03 116
 RY= 4.32119E-05 195
 RZ= -1.58994E-03 179

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	
	-0.00	-1.68	-0.09	-0.12	-0.00	-0.37	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	0.22	-7.12	-0.88	-0.98	-0.00	-0.58	111111
4	0.00	-1.08	0.00	1.08	0.00	0.00	
	0.08	1.08	-0.94	-1.08	0.00	-0.00	000000
5	0.00	0.00	0.00	0.00	0.00	0.00	
	0.42	-8.30	-1.18	-1.29	-0.00	-0.78	111111
6	0.00	-0.72	0.00	0.06	0.00	-0.54	
	0.04	0.72	-0.29	-0.06	0.01	0.54	000000
7	0.00	0.00	0.00	0.00	0.00	0.00	
	0.25	-7.95	-1.24	-1.35	-0.00	-0.61	111111
8	0.00	-1.08	0.00	0.00	0.00	0.00	
	0.09	1.08	-0.23	-0.00	0.01	-0.00	000000
9	0.00	0.00	0.00	0.00	0.00	0.00	
	0.26	-7.53	-1.12	-1.21	-0.00	-0.63	111111
10	0.00	-1.08	0.00	0.00	0.00	-0.00	
	0.13	1.08	-0.15	0.00	0.01	0.00	000000
11	0.00	0.00	0.00	0.00	0.00	0.00	
	0.26	-3.66	-0.51	-0.52	-0.00	-0.63	111111
12	0.00	-0.54	0.00	0.00	0.00	0.54	
	0.16	0.54	0.11	0.00	0.01	-0.54	000000
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.59	-8.34	-0.02	-0.03	-0.00	1.22	111111
14	0.00	-1.08	0.00	0.00	0.00	0.00	
	-1.21	1.08	-0.01	-0.00	-0.01	0.00	000000
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.20	-10.21	-0.02	-0.04	-0.00	1.85	111111
16	0.00	-1.08	0.00	0.00	0.00	0.00	
	-0.77	1.08	0.00	-0.00	-0.01	0.00	000000
18	0.00	0.00	0.00	0.00	0.00	0.00	
	2.37	-27.57	0.19	0.23	-0.00	-2.61	111111
19	0.00	-0.38	0.00	0.00	0.00	-0.00	

STAAD SPACE

-- PAGE NO. 145

23	0.00	-2.16	0.00	0.00	0.00	-0.00	
	0.30	2.16	0.17	0.00	-0.00	0.00	000000
24	0.00	0.00	0.00	0.00	0.00	0.00	
	0.28	-9.26	-0.03	0.01	-0.00	-0.58	111111
25	0.00	-1.08	0.00	0.00	0.00	1.08	
	0.37	1.08	0.14	0.00	-0.01	-1.08	000000
26	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.82	-8.93	-0.02	-0.04	-0.00	1.51	111111
27	0.00	-1.08	0.00	-0.00	0.00	0.00	
	-1.41	1.08	0.00	0.00	-0.01	-0.00	000000
28	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.99	-9.46	-0.02	-0.04	-0.00	1.71	111111
29	0.00	-1.08	0.00	0.00	0.00	0.00	
	-0.66	1.08	0.00	-0.00	-0.01	0.00	000000
31	0.00	0.00	0.00	0.00	0.00	0.00	
	1.79	-19.31	0.50	0.57	-0.00	-1.97	111111
32	0.00	-0.36	0.00	0.00	0.00	0.00	
	1.30	0.36	0.19	0.00	0.00	-0.00	000000
33	0.00	0.00	0.00	0.00	0.00	0.00	
	0.26	-11.28	0.55	0.63	-0.00	-0.48	111111
34	0.00	-0.36	0.00	0.06	0.00	-0.06	
	-0.50	0.36	0.17	-0.06	-0.01	0.06	000000
35	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-13.82	0.73	0.85	-0.00	-0.36	111111
36	0.00	-1.44	0.00	1.08	0.00	0.00	
	0.11	1.44	0.16	-1.08	-0.00	-0.00	000000
37	0.00	0.00	0.00	0.00	0.00	0.00	
	0.34	-7.18	0.52	0.62	-0.00	-0.55	111111
38	0.00	-0.72	0.00	0.54	0.00	0.06	
	0.35	0.72	0.08	-0.54	-0.00	-0.06	000000
39	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.93	-8.28	-0.02	-0.04	-0.00	1.69	111111
42	0.00	0.00	0.00	0.00	0.00	0.00	
	1.62	-9.95	0.03	0.04	-0.00	-1.77	111111
43	0.00	-1.26	0.00	1.02	0.00	0.00	
	0.55	1.26	-0.02	-1.02	0.01	-0.00	000000
44	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.14	-5.32	0.06	0.10	-0.00	-0.05	111111
45	0.00	-1.26	0.00	1.02	0.00	0.00	
	-0.10	1.26	-0.03	-1.02	-0.00	0.00	000000
46	0.00	0.00	0.00	0.00	0.00	0.00	
	0.11	-7.50	0.06	0.11	-0.00	-0.30	111111
48	0.00	0.00	0.00	0.00	0.00	0.00	
	0.69	-3.47	0.07	0.13	-0.00	-0.86	111111
50	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE

-- PAGE NO. 146

57	0.00	0.00	0.00	0.00	0.00	0.00	
	0.09	-14.43	-0.74	-0.78	-0.00	-0.24	111111
58	0.00	-1.44	0.00	-1.08	0.00	0.00	
	0.06	1.44	-0.23	1.08	-0.03	-0.00	000000
59	0.00	0.00	0.00	0.00	0.00	0.00	
	0.30	-7.42	-0.43	-0.43	-0.00	-0.44	111111
60	0.00	-0.72	0.00	-0.54	0.00	0.06	
	0.35	0.72	0.02	0.54	-0.03	-0.06	000000
67	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.58	-5.37	-0.03	-0.05	-0.00	0.48	111111
68	0.00	-1.08	0.00	0.00	0.00	0.00	
	-0.19	1.08	-0.00	-0.00	0.00	-0.00	000000
70	0.00	0.00	0.00	0.00	0.00	0.00	
	0.53	-15.23	0.70	0.78	-0.00	-0.59	111111
71	0.00	-1.44	0.00	0.00	0.00	-1.08	
	-0.12	1.44	0.27	0.00	0.03	1.08	000000
72	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-14.22	0.74	0.84	-0.00	-0.11	111111
73	0.00	-2.16	0.00	0.00	0.00	0.00	
	-0.04	2.16	0.35	0.00	0.03	-0.00	000000
74	0.00	0.00	0.00	0.00	0.00	0.00	
	0.07	-14.77	0.79	0.91	-0.00	-0.15	111111
75	0.00	-2.16	0.00	0.00	0.00	-0.00	
	-0.01	2.16	0.39	-0.00	0.03	0.00	000000
76	0.00	0.00	0.00	0.00	0.00	0.00	
	0.15	-7.50	0.56	0.67	-0.00	-0.23	111111
77	0.00	-1.08	0.00	0.00	0.00	1.08	
	0.42	1.08	0.13	-0.00	0.03	-1.08	000000
78	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.12	-1.57	0.06	0.05	-0.00	0.07	111111
81	0.00	0.00	0.00	0.00	0.00	0.00	
	0.08	-2.91	0.17	0.20	-0.00	-0.12	111111
83	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-3.30	0.30	0.36	-0.00	-0.07	111111
84	0.00	-1.08	0.00	0.00	0.00	0.00	
	0.02	1.08	-0.11	0.00	-0.00	-0.00	000000
85	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-3.31	0.31	0.38	-0.00	-0.08	111111
86	0.00	-1.08	0.00	0.00	0.00	-0.00	
	-0.01	1.08	-0.11	-0.00	-0.00	0.00	000000
87	0.00	0.00	0.00	0.00	0.00	0.00	
	0.11	-1.67	0.15	0.22	-0.00	-0.15	111111
89	0.00	0.00	0.00	0.00	0.00	0.00	
	0.02	-16.69	0.65	0.81	0.00	-0.10	111111
90	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE							-- PAGE NO. 147	
244	0.00	-0.21	0.00	0.21	0.00	0.00		
	-0.42	0.21	0.53	-0.21	-0.00	0.00	000000	
247	0.00	-0.42	0.00	0.00	0.00	0.00		
	2.61	0.42	0.03	-0.00	-0.00	0.00	000000	
248	0.00	-0.84	0.00	0.00	0.00	0.00		
	1.23	0.84	1.18	-0.00	0.00	-0.00	000000	
251	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.27	0.84	-0.20	-0.00	0.00	0.00	000000	
254	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.18	0.84	-0.26	-0.00	0.00	-0.00	000000	
257	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.24	0.84	-0.39	-0.00	-0.00	-0.00	000000	
260	0.00	-0.21	0.00	-0.21	0.00	0.00		
	-0.39	0.21	-0.26	0.21	-0.00	0.00	000000	
263	0.00	-0.42	0.00	0.00	0.00	0.00		
	3.12	0.42	0.03	-0.00	-0.00	0.00	000000	
264	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.28	0.84	-0.01	-0.00	-0.00	0.00	000000	
267	0.00	-0.63	0.00	-0.21	0.00	0.00		
	-3.36	0.63	-0.34	0.21	0.00	-0.00	000000	
270	0.00	-0.63	0.00	-0.21	0.00	0.00		
	0.04	0.63	-0.40	0.21	0.00	-0.00	000000	
276	0.00	-0.32	0.00	0.16	0.00	0.00		
	-0.89	0.32	0.05	-0.16	0.00	0.00	000000	
279	0.00	-0.42	0.00	-0.00	0.00	0.00		
	2.99	0.42	0.02	0.00	-0.00	0.00	000000	
280	0.00	-0.84	0.00	-0.00	0.00	0.00		
	1.13	0.84	-0.06	0.00	0.00	-0.00	000000	
283	0.00	-0.42	0.00	-0.00	0.00	0.00		
	-0.68	0.42	0.11	0.00	0.00	0.00	000000	
290	0.00	-0.42	0.00	-0.00	0.00	0.00		
	-0.28	0.42	-0.05	0.00	0.00	-0.00	000000	
293	0.00	-0.42	0.00	0.00	0.00	0.00		
	2.78	0.42	0.02	-0.00	-0.00	-0.00	000000	
294	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.26	0.84	-0.32	-0.00	-0.00	-0.00	000000	
297	0.00	-0.42	0.00	0.00	0.00	0.00		
	-2.96	0.42	-0.74	-0.00	0.00	-0.00	000000	
300	0.00	-0.42	0.00	0.00	0.00	0.00		
	0.24	0.42	-0.76	-0.00	0.00	-0.00	000000	
301	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.24	0.84	-0.92	-0.00	0.00	-0.00	000000	
304	0.00	-0.42	0.00	0.00	0.00	0.00		
	-0.69	0.42	-0.58	-0.00	0.00	-0.00	000000	
307	0.00	-0.42	0.00	-0.00	0.00	0.00		

STAAD SPACE							-- PAGE NO. 148	
327	0.00	-0.42	0.00	0.00	0.00	0.00		
	2.96	0.42	0.02	0.00	-0.00	0.00	000000	
331	0.00	-0.42	0.00	0.10	0.00	0.00		
	-2.89	0.42	0.84	-0.10	0.00	0.00	000000	
334	0.00	-0.42	0.00	0.10	0.00	0.00		
	0.24	0.42	0.92	-0.10	0.00	0.00	000000	
335	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.16	0.84	1.01	-0.00	0.00	0.00	000000	
338	0.00	-0.42	0.00	0.00	0.00	0.00		
	-0.66	0.42	0.46	0.00	0.00	0.00	000000	
345	0.00	-0.42	0.00	0.00	0.00	0.00		
	0.84	0.42	0.02	-0.00	0.00	-0.00	000000	
346	0.00	-0.84	0.00	0.00	0.00	0.00		
	0.25	0.84	-1.03	0.00	0.00	0.00	000000	
349	0.00	-0.63	0.00	0.21	0.00	0.00		
	-0.36	0.63	0.02	-0.21	0.00	0.00	000000	
353	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.15	0.84	-0.08	0.00	-0.00	-0.00	000000	
356	0.00	-0.42	0.00	0.00	0.00	0.00		
	-0.29	0.42	-0.10	0.00	0.00	-0.00	000000	
361	0.00	-0.42	0.00	0.00	0.00	0.00		
	0.75	0.42	0.03	-0.00	0.00	-0.00	000000	
362	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.01	0.84	-0.92	-0.00	0.00	0.00	000000	
365	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.44	0.84	-0.99	-0.00	0.00	0.00	000000	
368	0.00	-0.84	0.00	0.00	0.00	0.00		
	0.00	0.84	-1.06	-0.00	0.00	0.00	000000	
371	0.00	-0.84	0.00	0.00	0.00	0.00		
	-0.07	0.84	-1.14	-0.00	0.00	0.00	000000	
374	0.00	-0.42	0.00	0.00	0.00	0.00		
	-0.58	0.42	-0.64	-0.00	0.00	0.00	000000	
377	0.00	-0.21	0.00	-0.21	0.00	0.00		
	0.15	0.21	-0.08	0.21	0.00	-0.00	000000	
378	0.00	-0.42	0.00	-0.42	0.00	0.00		
	-0.07	0.42	0.15	0.42	-0.00	-0.00	000000	
381	0.00	-0.42	0.00	-0.42	0.00	0.00		
	-0.04	0.42	-0.12	0.42	0.00	0.00	000000	
384	0.00	-0.42	0.00	-0.42	0.00	0.00		
	-0.05	0.42	-0.19	0.42	0.00	0.00	000000	
387	0.00	-0.42	0.00	-0.42	0.00	0.00		
	-0.03	0.42	-0.20	0.42	0.00	0.00	000000	
390	0.00	-0.21	0.00	-0.21	0.00	0.00		
	-0.16	0.21	-0.14	0.21	0.00	0.00	000000	
412	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
274	0.00000E+00	-1.85931E-01	0.00000E+00	-2.66667E-01	0.00000E+00	0.00000E+00
275	0.00000E+00	-1.85931E-01	0.00000E+00	-2.66667E-01	0.00000E+00	0.00000E+00
287	0.00000E+00	-3.54359E+00	0.00000E+00	3.21976E+00	0.00000E+00	0.00000E+00
291	0.00000E+00	-1.67174E+00	0.00000E+00	1.51897E+00	0.00000E+00	0.00000E+00
301	0.00000E+00	-5.58614E+00	0.00000E+00	5.30649E-01	0.00000E+00	0.00000E+00
305	0.00000E+00	-2.63534E+00	0.00000E+00	2.50342E-01	0.00000E+00	0.00000E+00
315	0.00000E+00	-3.62027E+00	0.00000E+00	-3.36052E+00	0.00000E+00	0.00000E+00
319	0.00000E+00	-1.70792E+00	0.00000E+00	-1.58538E+00	0.00000E+00	0.00000E+00
353	0.00000E+00	-2.05404E-01	0.00000E+00	2.38429E-01	0.00000E+00	0.00000E+00
357	0.00000E+00	-2.05404E-01	0.00000E+00	2.38429E-01	0.00000E+00	0.00000E+00
371	0.00000E+00	-1.74596E-01	0.00000E+00	-2.22004E-01	0.00000E+00	0.00000E+00
375	0.00000E+00	-1.74596E-01	0.00000E+00	-2.22004E-01	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 5
LOADTYPE DEAD TITLE EQUIPOS

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

X = 0.235981756E+02
Y = 0.689999968E+01
Z = 0.230266363E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 5)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -21.93
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 504.86 MY= 0.00 MZ= -517.39

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 5)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 21.93
SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -504.86 MY= -0.00 MZ= 517.39

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 5)

MAXIMUMS AT NODE
X = 2.22603E-03 242
Y = -2.07415E-01 291
Z = 9.89317E-04 273
RX= -5.72534E-04 319
RY= -3.62602E-06 139
RZ= 5.10706E-04 292

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
3	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.12	-0.03	-0.03	-0.00	-0.01	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-0.19	-0.05	-0.05	-0.00	-0.02	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.13	-0.04	-0.04	-0.00	-0.01	111111
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.06	-0.13	0.00	0.00	-0.00	0.05	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.05	-0.13	0.00	0.00	-0.00	0.04	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	0.04	-0.69	0.04	0.04	-0.00	-0.05	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	0.02	-0.56	0.03	0.03	-0.00	-0.03	111111
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.13	-0.00	0.01	0.00	-0.00	0.00	000000
22	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-2.46	-0.30	-0.33	-0.00	0.01	111111
23	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	0.00	-0.20	0.00	-0.00	0.00	000000
24	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-0.36	-0.06	-0.07	-0.00	-0.01	111111
35	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-10.89	0.32	0.36	-0.00	-0.12	111111
36	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.68	-0.00	-0.11	-0.00	0.00	-0.00	000000
37	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.10	-1.34	0.06	0.07	-0.00	0.09	111111
38	0.00	0.00	0.00	0.00	0.00	0.00	
	0.57	-0.00	0.01	0.00	0.00	-0.00	000000
46	0.00	0.00	0.00	0.00	0.00	0.00	
	0.07	-4.00	-0.07	-0.07	-0.00	-0.07	111111
47	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.38	-0.00	0.40	0.00	-0.00	-0.00	000000
48	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.05	-0.37	-0.00	-0.00	-0.00	0.04	111111
49	0.00	0.00	0.00	0.00	0.00	0.00	
	0.28	0.00	-0.00	0.00	-0.00	0.00	000000
74	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-0.54	0.03	0.04	-0.00	-0.01	111111

STAAD SPACE

-- PAGE NO. 151

267	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.15	0.00	-0.06	-0.00	0.00	0.00	000000
286	0.00	0.00	0.00	0.00	0.00	0.00	
	0.14	-0.00	0.00	-0.00	-0.00	-0.00	000000
287	0.00	-3.54	0.00	3.22	0.00	0.00	
	0.25	3.54	0.48	-3.22	0.00	0.00	000000
290	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.31	-0.00	-0.00	0.00	0.00	0.00	000000
301	0.00	-5.59	0.00	0.53	0.00	0.00	
	0.56	5.59	-0.36	-0.53	0.00	0.00	000000
304	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.47	0.00	-0.07	0.00	0.00	-0.00	000000
315	0.00	-3.62	0.00	-3.36	0.00	0.00	
	0.31	3.62	-0.33	3.36	0.00	0.00	000000
318	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.23	-0.00	0.00	-0.00	0.00	-0.00	000000

FOR LOADING - 8
 APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
215	0.00000E+00	-2.17500E+00	0.00000E+00	7.87500E-01	0.00000E+00	0.00000E+00
216	0.00000E+00	-2.17500E+00	0.00000E+00	7.87500E-01	0.00000E+00	0.00000E+00
217	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87500E-01	0.00000E+00	0.00000E+00
218	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87500E-01	0.00000E+00	0.00000E+00
219	0.00000E+00	-2.17500E+00	0.00000E+00	7.87499E-01	0.00000E+00	0.00000E+00
220	0.00000E+00	-2.17500E+00	0.00000E+00	7.87499E-01	0.00000E+00	0.00000E+00
221	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87499E-01	0.00000E+00	0.00000E+00
222	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87499E-01	0.00000E+00	0.00000E+00
223	0.00000E+00	-2.17500E+00	0.00000E+00	7.87499E-01	0.00000E+00	0.00000E+00
224	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87499E-01	0.00000E+00	0.00000E+00
225	0.00000E+00	-2.17500E+00	0.00000E+00	7.87499E-01	0.00000E+00	0.00000E+00
226	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87499E-01	0.00000E+00	0.00000E+00
227	0.00000E+00	-2.17500E+00	0.00000E+00	7.87501E-01	0.00000E+00	0.00000E+00
228	0.00000E+00	-2.17500E+00	0.00000E+00	7.87501E-01	0.00000E+00	0.00000E+00
229	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87501E-01	0.00000E+00	0.00000E+00
230	0.00000E+00	-2.17500E+00	0.00000E+00	-7.87501E-01	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 8
 LOADTYPE DEAD TITLE ARRIATES

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

X = 0.149999997E+02
 Y = 0.299999999E+01
 Z = 0.255000028E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 8)
 SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -34.80
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
 MX= 887.40 MY= 0.00 MZ= -522.00

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 8)

SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = 34.80
 SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -887.40 MY= -0.00 MZ= 522.00

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 8)

MAXIMUMS AT NODE
 X = -1.80708E-03 62
 Y = -3.38768E-01 218
 Z = 1.39873E-03 447
 RX= 1.26057E-03 415
 RY= 4.49401E-06 130
 RZ= -8.83947E-04 421

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
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	0.27	0.09	0.10	0.00	0.01	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	0.29	0.10	0.11	0.00	0.00	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-4.36	-0.47	-0.52	0.00	-0.01	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-4.27	-0.51	-0.56	0.00	-0.03	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	-0.14	-0.01	-0.00	0.00	0.00	111111
27	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.20	-0.00	-0.02	-0.00	0.00	0.00	000000
31	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.28	-7.88	0.28	0.32	0.00	0.27	111111
32	0.00	0.00	0.00	0.00	0.00	0.00	
	0.14	-0.00	0.17	-0.00	-0.00	-0.00	000000
33	0.00	0.00	0.00	0.00	0.00	0.00	
	0.39	-7.72	0.31	0.35	0.00	-0.38	111111
34	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.21	-0.00	0.19	-0.00	-0.00	0.00	000000
35	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.03	-0.14	0.03	0.04	0.00	0.03	111111
42	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.08	-0.66	0.16	0.18	0.00	0.08	111111
44	0.00	0.00	0.00	0.00	0.00	0.00	
	0.06	-0.72	0.16	0.18	0.00	-0.06	111111
53	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE						-- PAGE NO. 153	
70	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-1.00	0.16	0.18	0.00	-0.01	111111
71	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	0.00	0.13	-0.00	0.00	-0.00	000000
72	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.99	0.17	0.20	0.00	-0.00	111111
73	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	0.00	0.14	0.00	0.00	0.00	000000
74	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	-0.10	0.02	0.03	0.00	0.00	111111
81	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	0.20	-0.01	-0.01	0.00	0.00	111111
83	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	0.19	-0.02	-0.01	0.00	-0.00	111111
89	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-0.15	0.01	0.02	0.00	0.01	111111
235	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	0.00	-0.12	-0.00	0.00	0.00	000000
238	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	0.00	-0.13	-0.00	-0.00	-0.00	000000
248	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.10	0.00	0.01	0.00	0.00	-0.00	000000
267	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.06	-0.00	0.59	-0.00	0.00	0.00	000000
270	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	-0.00	0.64	-0.00	-0.00	-0.00	000000
280	0.00	0.00	0.00	0.00	0.00	0.00	
	0.32	-0.00	-0.00	0.00	0.00	0.00	000000
283	0.00	0.00	0.00	0.00	0.00	0.00	
	0.21	-0.00	-0.04	-0.00	0.00	0.00	000000
286	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.24	-0.00	-0.04	-0.00	-0.00	-0.00	000000
287	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.13	-0.00	0.02	0.00	0.00	-0.00	000000
297	0.00	0.00	0.00	0.00	0.00	0.00	
	0.13	-0.00	-0.43	-0.00	0.00	0.00	000000
300	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.18	0.00	-0.48	-0.00	-0.00	-0.00	000000
331	0.00	0.00	0.00	0.00	0.00	0.00	
	0.04	-0.00	0.37	-0.00	0.00	-0.00	000000
334	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.06	-0.00	0.39	-0.00	-0.00	0.00	000000
346	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
349	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
2	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
4	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
6	0.00000E+00	-4.00000E-01	0.00000E+00	3.33333E-02	0.00000E+00	-3.00000E-01
8	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.79001E-08
12	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.00000E-01
14	0.00000E+00	-6.00000E-01	0.00000E+00	2.19750E-08	0.00000E+00	0.00000E+00
16	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
17	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
19	0.00000E+00	-2.12500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-04
21	0.00000E+00	-6.12500E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.99479E-01
23	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.75800E-07
25	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	6.00000E-01
27	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
30	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
32	0.00000E+00	-2.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	-2.00000E-01	0.00000E+00	3.33333E-02	0.00000E+00	-3.33333E-02
36	0.00000E+00	-8.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
38	0.00000E+00	-4.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	3.33334E-02
40	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
41	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
43	0.00000E+00	-7.00000E-01	0.00000E+00	5.66667E-01	0.00000E+00	0.00000E+00
45	0.00000E+00	-7.00000E-01	0.00000E+00	5.66667E-01	0.00000E+00	0.00000E+00
47	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
51	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	-7.00000E-01	0.00000E+00	-5.66667E-01	0.00000E+00	0.00000E+00
56	0.00000E+00	-7.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	-3.33333E-02
58	0.00000E+00	-8.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
60	0.00000E+00	-4.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	3.33334E-02
61	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	-2.12140E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	-6.12140E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-6.00000E-01	0.00000E+00	2.85675E-07	0.00000E+00	0.00000E+00
69	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
71	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-6.00000E-01
73	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	-1.75800E-07
77	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	6.00000E-01
79	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
80	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
82	0.00000E+00	-4.00000E-01	0.00000E+00	-3.33334E-02	0.00000E+00	-3.00000E-01
84	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.79001E-08
88	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.00000E-01
91	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-1.20000E+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
94	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
99	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	-7.19101E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	-1.70054E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	-8.00000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
104	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-8.00000E-01	0.00000E+00	-3.57094E-08	0.00000E+00	0.00000E+00
108	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
112	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
114	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
116	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
117	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
118	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
119	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
120	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
121	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
122	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
123	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
124	0.00000E+00	-2.12226E-01	0.00000E+00	3.57094E-08	0.00000E+00	0.00000E+00
125	0.00000E+00	-6.12226E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-2.12226E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-6.12226E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-2.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	-2.12226E-01	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
137	0.00000E+00	-6.12226E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-2.12226E-01	0.00000E+00	5.49376E-08	0.00000E+00	0.00000E+00
141	0.00000E+00	-6.12226E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	0.00000E+00	-1.20000E+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
149	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
150	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
151	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
152	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
153	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
154	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
155	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
156	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
157	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	-4.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	-4.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	-8.00000E-01	0.00000E+00	5.33333E-01	0.00000E+00	0.00000E+00
164	0.00000E+00	-8.00000E-01	0.00000E+00	5.33333E-01	0.00000E+00	0.00000E+00
165	0.00000E+00	-8.00000E-01	0.00000E+00	-5.33333E-01	0.00000E+00	0.00000E+00
166	0.00000E+00	-8.00000E-01	0.00000E+00	-5.33333E-01	0.00000E+00	0.00000E+00
167	0.00000E+00	-8.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	5.49376E-08
168	0.00000E+00	-8.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	-5.49376E-08
169	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
171	0.00000E+00	-8.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	5.49376E-08
172	0.00000E+00	-8.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	-5.49376E-08
173	0.00000E+00	-8.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	5.49376E-08
174	0.00000E+00	-8.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	-1.01635E-07
175	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
176	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
177	0.00000E+00	-8.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	5.49376E-08
178	0.00000E+00	-8.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	-1.01635E-07
179	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
184	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
185	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
186	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
187	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
188	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
189	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
190	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
191	0.00000E+00	-2.12226E-01	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-6.12226E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
193	0.00000E+00	-2.12226E-01	0.00000E+00	-1.01635E-07	0.00000E+00	0.00000E+00
194	0.00000E+00	-6.12226E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	-8.00000E-01	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
196	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
197	0.00000E+00	-8.00000E-01	0.00000E+00	-1.01635E-07	0.00000E+00	0.00000E+00
198	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
199	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
200	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	0.00000E+00	-1.20000E+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	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
203	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
206	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	-8.00000E-01	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
208	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
209	0.00000E+00	-8.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33333E-02	0.00000E+00	2.55208E-02
216	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33333E-02	0.00000E+00	-2.55208E-02
217	0.00000E+00	-3.87500E-01	0.00000E+00	3.33333E-02	0.00000E+00	2.55208E-02
218	0.00000E+00	-3.87500E-01	0.00000E+00	3.33333E-02	0.00000E+00	-2.55208E-02
219	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33334E-02	0.00000E+00	2.55208E-02
220	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33334E-02	0.00000E+00	-2.55208E-02
221	0.00000E+00	-3.87500E-01	0.00000E+00	3.33334E-02	0.00000E+00	2.55208E-02
222	0.00000E+00	-3.87500E-01	0.00000E+00	3.33334E-02	0.00000E+00	-2.55208E-02
223	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33334E-02	0.00000E+00	2.55208E-02
224	0.00000E+00	-3.87500E-01	0.00000E+00	3.33335E-02	0.00000E+00	2.55208E-02
225	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33334E-02	0.00000E+00	-2.55208E-02
226	0.00000E+00	-3.87500E-01	0.00000E+00	3.33335E-02	0.00000E+00	-2.55208E-02
227	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33332E-02	0.00000E+00	2.55208E-02
228	0.00000E+00	-3.87500E-01	0.00000E+00	-3.33332E-02	0.00000E+00	-2.55208E-02
229	0.00000E+00	-3.87500E-01	0.00000E+00	3.33332E-02	0.00000E+00	2.55208E-02
230	0.00000E+00	-3.87500E-01	0.00000E+00	3.33332E-02	0.00000E+00	-2.55208E-02
231	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
232	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
233	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
234	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
235	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
236	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
237	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
238	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
239	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
240	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
241	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
242	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
243	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
244	0.00000E+00	-4.50000E-02	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
245	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
246	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
247	0.00000E+00	-9.00000E-02	0.00000E+00	2.74688E-09	0.00000E+00	0.00000E+00
248	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
249	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
250	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
251	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
252	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
253	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
254	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
255	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
256	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
257	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
258	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
259	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
260	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
261	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
262	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
263	0.00000E+00	-9.00000E-02	0.00000E+00	8.24064E-09	0.00000E+00	0.00000E+00
264	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
265	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
266	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
267	0.00000E+00	-1.35000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
268	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
269	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
270	0.00000E+00	-1.35000E-01	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
271	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
272	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
273	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
274	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
275	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
276	0.00000E+00	-6.75000E-02	0.00000E+00	3.37500E-02	0.00000E+00	0.00000E+00
277	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
278	0.00000E+00	-1.35000E-01	0.00000E+00	6.75000E-02	0.00000E+00	0.00000E+00
279	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
281	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
282	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
284	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
285	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
287	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
288	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
290	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
291	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
292	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
293	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
294	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
295	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
296	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
297	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
298	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
299	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
300	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
301	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
302	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
303	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
304	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
305	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
306	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
307	0.00000E+00	-9.00000E-02	0.00000E+00	-1.37344E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
308	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
309	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
310	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
311	0.00000E+00	-6.75000E-02	0.00000E+00	-3.37500E-02	0.00000E+00	0.00000E+00
312	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
313	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
314	0.00000E+00	-6.75000E-02	0.00000E+00	-3.37500E-02	0.00000E+00	0.00000E+00
315	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
316	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
317	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
318	0.00000E+00	-9.00000E-02	0.00000E+00	-1.37344E-08	0.00000E+00	0.00000E+00
319	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
320	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
323	0.00000E+00	-4.50000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
324	0.00000E+00	-4.50000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
325	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
326	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
327	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
328	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
329	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
331	0.00000E+00	-9.00000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
332	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	-9.00000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
335	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
337	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
340	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	0.00000E+00	-6.75000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
344	0.00000E+00	-6.75000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
345	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
349	0.00000E+00	-1.35000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
350	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
352	0.00000E+00	-1.35000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
353	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
354	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
356	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
357	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
358	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
359	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
360	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
361	0.00000E+00	-9.00000E-02	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
362	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
363	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
364	0.00000E+00	-1.80000E-01	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
365	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
366	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
367	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
368	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
369	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
370	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
371	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
372	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
373	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
374	0.00000E+00	-9.00000E-02	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
375	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
376	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
377	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
378	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
379	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
380	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
381	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
382	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
383	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
384	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
385	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
386	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
387	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
388	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
389	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
390	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
391	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
392	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
399	0.00000E+00	-2.25000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
400	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
401	0.00000E+00	-6.75000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
402	0.00000E+00	-2.25000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
403	0.00000E+00	-4.50000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
404	0.00000E+00	-1.19101E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
405	0.00000E+00	-1.70054E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	-4.60845E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.00907E-01
407	0.00000E+00	-4.60845E-01	0.00000E+00	0.00000E+00	0.00000E+00	-2.00907E-01
408	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
409	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
410	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
411	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	-2.00000E-01	0.00000E+00	3.33333E-02	0.00000E+00	-2.50000E-02
414	0.00000E+00	-3.87500E-01	0.00000E+00	6.66666E-02	0.00000E+00	-7.81254E-03
415	0.00000E+00	-3.87500E-01	0.00000E+00	6.66666E-02	0.00000E+00	7.81251E-03
416	0.00000E+00	-2.00000E-01	0.00000E+00	3.33333E-02	0.00000E+00	2.50000E-02
417	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	-2.54523E-02
418	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	2.54523E-02
419	0.00000E+00	-4.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
420	0.00000E+00	-4.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	0.00000E+00	-2.00274E-01	0.00000E+00	3.33333E-02	0.00000E+00	-2.54523E-02
422	0.00000E+00	-2.00274E-01	0.00000E+00	3.33333E-02	0.00000E+00	2.54523E-02
423	0.00000E+00	-2.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
424	0.00000E+00	-2.00000E-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
425	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	-2.54523E-02
426	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	2.54523E-02
427	0.00000E+00	-2.00274E-01	0.00000E+00	3.33333E-02	0.00000E+00	-2.54523E-02
428	0.00000E+00	-2.00274E-01	0.00000E+00	3.33333E-02	0.00000E+00	2.54523E-02
429	0.00000E+00	-2.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
430	0.00000E+00	-2.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
431	0.00000E+00	-2.12226E-01	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
432	0.00000E+00	-2.12226E-01	0.00000E+00	-5.49376E-08	0.00000E+00	0.00000E+00
433	0.00000E+00	-2.12226E-01	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
434	0.00000E+00	-2.12226E-01	0.00000E+00	1.01635E-07	0.00000E+00	0.00000E+00
435	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	-2.54523E-02
436	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	2.54523E-02
437	0.00000E+00	-2.00274E-01	0.00000E+00	3.33334E-02	0.00000E+00	-2.54523E-02
438	0.00000E+00	-2.00274E-01	0.00000E+00	3.33334E-02	0.00000E+00	2.54523E-02
439	0.00000E+00	-1.00000E-01	0.00000E+00	-3.33334E-02	0.00000E+00	0.00000E+00
440	0.00000E+00	-1.00000E-01	0.00000E+00	-3.33334E-02	0.00000E+00	0.00000E+00
441	0.00000E+00	-3.87500E-01	0.00000E+00	-6.66666E-02	0.00000E+00	-7.81254E-03
442	0.00000E+00	-3.87500E-01	0.00000E+00	-6.66666E-02	0.00000E+00	7.81251E-03
443	0.00000E+00	-9.99999E-02	0.00000E+00	3.33333E-02	0.00000E+00	0.00000E+00
444	0.00000E+00	-9.99999E-02	0.00000E+00	3.33333E-02	0.00000E+00	0.00000E+00
445	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	-2.54523E-02
446	0.00000E+00	-2.00274E-01	0.00000E+00	-3.33333E-02	0.00000E+00	2.54523E-02
447	0.00000E+00	-2.00274E-01	0.00000E+00	3.33333E-02	0.00000E+00	-2.54523E-02
448	0.00000E+00	-2.00274E-01	0.00000E+00	3.33333E-02	0.00000E+00	2.54523E-02
449	0.00000E+00	-2.00360E-01	0.00000E+00	-3.33333E-02	0.00000E+00	-2.54309E-02
450	0.00000E+00	-2.00360E-01	0.00000E+00	-3.33333E-02	0.00000E+00	2.54309E-02

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 9
 LOADTYPE DEAD TITLE CV MED

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

X = 0.149401526E+02
 Y = 0.346201865E+01
 Z = 0.271039659E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING 9)
 SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = -183.09
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
 MX= 4962.46 MY= 0.00 MZ= -2735.39

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING 9)
 SUMMATION FORCE-X = 0.00
 SUMMATION FORCE-Y = 183.09
 SUMMATION FORCE-Z = -0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
 MX= -4962.46 MY= 0.00 MZ= 2735.39

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 9)
 MAXIMUMS AT NODE
 X = 3.76584E-02 233
 Y = -3.31801E-01 147
 Z = 1.38494E-02 402
 RX= 9.61165E-04 116
 RY= 1.88532E-05 195
 RZ= -7.61656E-04 179

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00 -0.02	0.00 -0.77	0.00 -0.05	0.00 -0.07	0.00 -0.00	0.00 -0.16	111111
3	0.00 0.11	0.00 -3.30	0.00 -0.43	0.00 -0.48	0.00 -0.00	0.00 -0.28	111111
4	0.00 0.03	-0.60 0.60	0.00 -0.42	0.60 -0.60	0.00 -0.00	0.00 0.00	000000
5	0.00 0.21	0.00 -3.78	0.00 -0.55	0.00 -0.60	0.00 -0.00	0.00 -0.38	111111
6	0.00 0.01	-0.40 0.40	0.00 -0.10	0.03 -0.03	0.00 0.00	-0.30 0.30	000000
7	0.00 0.12	0.00 -3.64	0.00 -0.59	0.00 -0.64	0.00 -0.00	0.00 -0.29	111111
9	0.00 0.12	0.00 -3.46	0.00 -0.54	0.00 -0.59	0.00 -0.00	0.00 -0.30	111111
11	0.00 0.14	0.00 -1.71	0.00 -0.26	0.00 -0.27	0.00 -0.00	0.00 -0.32	111111
13	0.00 -0.79	0.00 -3.85	0.00 -0.01	0.00 -0.02	0.00 -0.00	0.00 0.61	111111
14	0.00 -0.51	-0.60 0.60	0.00 -0.00	0.00 -0.00	0.00 -0.00	0.00 0.00	000000
15	0.00 -1.06	0.00 -4.71	0.00 -0.01	0.00 -0.02	0.00 -0.00	0.00 0.89	111111
16	0.00 -0.28	-0.60 0.60	0.00 0.00	0.00 -0.00	0.00 -0.01	0.00 0.00	000000
18	0.00 1.13	0.00 -12.99	0.00 0.06	0.00 0.07	0.00 -0.00	0.00 -1.24	111111
19	0.00 0.48	-0.21 0.21	0.00 0.08	0.00 0.00	0.00 0.01	-0.00 0.00	000000
20	0.00 0.02	0.00 -8.11	0.00 0.08	0.00 0.10	0.00 -0.00	0.00 -0.16	111111

STAAD SPACE

-- PAGE NO. 163

24	0.00	0.00	0.00	0.00	0.00	0.00	
	0.17	-4.35	-0.01	0.01	-0.00	-0.30	111111
26	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.89	-4.11	-0.01	-0.02	-0.00	0.74	111111
27	0.00	-0.60	0.00	0.00	0.00	0.00	
	-0.63	0.60	0.00	-0.00	-0.00	0.00	000000
28	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.96	-4.35	-0.01	-0.02	-0.00	0.83	111111
29	0.00	-0.60	0.00	0.00	0.00	0.00	
	-0.22	0.60	0.00	-0.00	-0.01	-0.00	000000
31	0.00	0.00	0.00	0.00	0.00	0.00	
	0.85	-9.40	0.25	0.28	-0.00	-0.93	111111
32	0.00	-0.20	0.00	0.00	0.00	0.00	
	0.53	0.20	0.10	0.00	0.00	0.00	000000
33	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-5.70	0.28	0.32	-0.00	-0.22	111111
34	0.00	-0.20	0.00	0.03	0.00	-0.03	
	-0.15	0.20	0.09	-0.03	-0.00	0.03	000000
35	0.00	0.00	0.00	0.00	0.00	0.00	
	0.06	-6.29	0.35	0.40	-0.00	-0.17	111111
37	0.00	0.00	0.00	0.00	0.00	0.00	
	0.20	-3.29	0.24	0.29	-0.00	-0.30	111111
39	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.93	-3.80	-0.01	-0.02	-0.00	0.82	111111
42	0.00	0.00	0.00	0.00	0.00	0.00	
	0.77	-4.78	0.01	0.02	-0.00	-0.84	111111
43	0.00	-0.70	0.00	0.57	0.00	0.00	
	0.17	0.70	0.00	-0.57	0.00	0.00	000000
44	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.09	-2.68	0.03	0.04	-0.00	-0.00	111111
46	0.00	0.00	0.00	0.00	0.00	0.00	
	0.05	-3.51	0.03	0.05	-0.00	-0.14	111111
48	0.00	0.00	0.00	0.00	0.00	0.00	
	0.39	-1.62	0.03	0.06	-0.00	-0.48	111111
49	0.00	-0.60	0.00	-0.00	0.00	0.00	
	-0.12	0.60	0.01	0.00	-0.00	0.00	000000
50	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.07	-4.74	-0.01	-0.02	-0.00	0.97	111111
51	0.00	-0.60	0.00	0.00	0.00	0.00	
	-0.26	0.60	0.00	-0.00	-0.01	0.00	000000
53	0.00	0.00	0.00	0.00	0.00	0.00	
	0.82	-10.17	-0.29	-0.31	-0.00	-0.87	111111
54	0.00	-0.70	0.00	-0.57	0.00	0.00	
	0.46	0.70	-0.14	0.57	-0.02	-0.00	000000
55	0.00	0.00	0.00	0.00	0.00	0.00	

STAAD SPACE							-- PAGE NO. 164	
70	0.00	0.00	0.00	0.00	0.00	0.00		
	0.27	-7.05	0.33	0.37	-0.00	-0.31	111111	
71	0.00	-0.80	0.00	0.00	0.00	-0.60		
	-0.06	0.80	0.13	-0.00	0.01	0.60	000000	
72	0.00	0.00	0.00	0.00	0.00	0.00		
	0.01	-6.58	0.35	0.40	-0.00	-0.05	111111	
73	0.00	-1.20	0.00	0.00	0.00	0.00		
	-0.03	1.20	0.17	-0.00	0.01	-0.00	000000	
74	0.00	0.00	0.00	0.00	0.00	0.00		
	0.03	-6.77	0.36	0.41	-0.00	-0.06	111111	
75	0.00	-1.20	0.00	0.00	0.00	-0.00		
	0.01	1.20	0.18	-0.00	0.01	0.00	000000	
76	0.00	0.00	0.00	0.00	0.00	0.00		
	0.11	-3.46	0.26	0.31	-0.00	-0.14	111111	
78	0.00	0.00	0.00	0.00	0.00	0.00		
	-0.08	-0.72	0.04	0.03	-0.00	0.06	111111	
81	0.00	0.00	0.00	0.00	0.00	0.00		
	0.04	-1.34	0.11	0.12	-0.00	-0.06	111111	
83	0.00	0.00	0.00	0.00	0.00	0.00		
	0.01	-1.53	0.18	0.21	-0.00	-0.03	111111	
85	0.00	0.00	0.00	0.00	0.00	0.00		
	0.01	-1.55	0.18	0.22	-0.00	-0.04	111111	
87	0.00	0.00	0.00	0.00	0.00	0.00		
	0.06	-0.78	0.09	0.12	-0.00	-0.08	111111	
89	0.00	0.00	0.00	0.00	0.00	0.00		
	0.01	-7.75	0.30	0.37	0.00	-0.05	111111	
90	0.00	0.00	0.00	0.00	0.00	0.00		
	0.03	-0.97	0.08	0.13	-0.00	-0.05	111111	
232	0.00	-0.09	0.00	0.09	0.00	0.00		
	-0.14	0.09	0.73	-0.09	-0.00	-0.00	000000	
235	0.00	-0.09	0.00	0.09	0.00	0.00		
	-0.22	0.09	0.70	-0.09	0.00	0.00	000000	
238	0.00	-0.09	0.00	0.09	0.00	0.00		
	-0.15	0.09	0.72	-0.09	0.00	0.00	000000	
241	0.00	-0.09	0.00	0.09	0.00	0.00		
	-0.19	0.09	0.66	-0.09	0.00	0.00	000000	
244	0.00	-0.04	0.00	0.04	0.00	0.00		
	-0.17	0.04	0.25	-0.04	-0.00	0.00	000000	
247	0.00	-0.09	0.00	0.00	0.00	0.00		
	1.17	0.09	0.01	-0.00	-0.00	0.00	000000	
248	0.00	-0.18	0.00	0.00	0.00	0.00		
	0.57	0.18	0.55	-0.00	0.00	0.00	000000	
251	0.00	-0.18	0.00	0.00	0.00	0.00		
	-0.14	0.18	-0.10	-0.00	0.00	0.00	000000	
254	0.00	-0.18	0.00	0.00	0.00	0.00		

STAAD SPACE							-- PAGE NO. 165	
270	0.00	-0.14	0.00	-0.04	0.00	0.00		
	-0.02	0.14	-0.14	0.04	0.00	0.00	000000	
276	0.00	-0.07	0.00	0.03	0.00	0.00		
	-0.37	0.07	0.02	-0.03	0.00	-0.00	000000	
279	0.00	-0.09	0.00	0.00	0.00	0.00		
	1.35	0.09	0.01	-0.00	-0.00	0.00	000000	
280	0.00	-0.18	0.00	0.00	0.00	0.00		
	0.55	0.18	-0.03	0.00	0.00	0.00	000000	
283	0.00	-0.09	0.00	0.00	0.00	0.00		
	-0.25	0.09	0.05	0.00	0.00	0.00	000000	
293	0.00	-0.09	0.00	0.00	0.00	0.00		
	1.25	0.09	0.01	-0.00	-0.00	0.00	000000	
294	0.00	-0.18	0.00	0.00	0.00	0.00		
	-0.12	0.18	-0.15	-0.00	-0.00	0.00	000000	
297	0.00	-0.09	0.00	0.00	0.00	0.00		
	-1.31	0.09	-0.37	-0.00	0.00	0.00	000000	
300	0.00	-0.09	0.00	0.00	0.00	0.00		
	0.04	0.09	-0.39	-0.00	0.00	-0.00	000000	
301	0.00	-0.18	0.00	0.00	0.00	0.00		
	-0.11	0.18	-0.43	-0.00	0.00	0.00	000000	
304	0.00	-0.09	0.00	0.00	0.00	0.00		
	-0.26	0.09	-0.27	-0.00	0.00	-0.00	000000	
307	0.00	-0.09	0.00	-0.00	0.00	0.00		
	0.92	0.09	0.01	0.00	0.00	-0.00	000000	
308	0.00	-0.18	0.00	-0.00	0.00	0.00		
	-0.17	0.18	0.15	0.00	-0.00	0.00	000000	
311	0.00	-0.07	0.00	-0.03	0.00	0.00		
	-0.86	0.07	-0.01	0.03	0.00	0.00	000000	
318	0.00	-0.09	0.00	-0.00	0.00	0.00		
	-0.27	0.09	-0.04	0.00	0.00	0.00	000000	
327	0.00	-0.09	0.00	0.00	0.00	0.00		
	1.33	0.09	0.01	-0.00	-0.00	-0.00	000000	
331	0.00	-0.09	0.00	0.02	0.00	0.00		
	-1.30	0.09	0.41	-0.02	0.00	0.00	000000	
334	0.00	-0.09	0.00	0.02	0.00	0.00		
	0.06	0.09	0.46	-0.02	0.00	0.00	000000	
335	0.00	-0.18	0.00	0.00	0.00	0.00		
	-0.08	0.18	0.47	0.00	0.00	0.00	000000	
338	0.00	-0.09	0.00	0.00	0.00	0.00		
	-0.25	0.09	0.22	0.00	0.00	-0.00	000000	
345	0.00	-0.09	0.00	0.00	0.00	0.00		
	0.34	0.09	0.01	-0.00	0.00	-0.00	000000	
346	0.00	-0.18	0.00	0.00	0.00	0.00		
	0.13	0.18	-0.48	-0.00	0.00	-0.00	000000	
349	0.00	-0.13	0.00	0.04	0.00	0.00		

STAAD SPACE

-- PAGE NO. 166

374	0.00	-0.09	0.00	0.00	0.00	0.00	0.00
	-0.20	0.09	-0.30	-0.00	0.00	0.00	000000
412	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.04	-2.07	-0.01	-0.02	-0.00	0.15	111111

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

LOADING- 1. 2. 3. 5. 8.
 FACTOR - 1.00 1.00 1.00 1.00 1.00

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

LOADING- 1. 2. 4. 5. 6. 7. 8.
 FACTOR - 1.00 1.00 1.00 1.00 1.00 0.30 1.00

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

LOADING- 1. 2. 4. 5. 6. 7. 8.
 FACTOR - 1.00 1.00 1.00 1.00 1.00 -0.30 1.00

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

LOADING- 1. 2. 4. 5. 6. 7. 8.
 FACTOR - 1.00 1.00 1.00 1.00 -1.00 0.30 1.00

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

LOADING- 1. 2. 4. 5. 6. 7. 8.
 FACTOR - 1.00 1.00 1.00 1.00 -1.00 -0.30 1.00

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

LOADING- 1. 2. 4. 5. 6. 7. 8.
 FACTOR - 1.00 1.00 1.00 1.00 0.30 1.00 1.00

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

LOADING- 1. 2. 4. 5. 6. 7. 8.
 FACTOR - 1.00 1.00 1.00 1.00 0.30 -1.00 1.00

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

LOADING- 1. 2. 4. 5. 6. 7. 8.
 FACTOR - 1.00 1.00 1.00 1.00 -0.30 1.00 1.00

LOAD COMBINATION NO. 18
 1.0 (PP+CM+CVINST+EQU+ARR- 0.3 SX- SZ)

STAAD SPACE

-- PAGE NO. 167

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.00	1.00	1.00	1.00	-0.30	-1.00	1.00

LOAD COMBINATION NO. 19
1.0 (PP+CM+CVINST+EQU+ARR)

LOADING-	1.	2.	4.	5.	8.
FACTOR -	1.00	1.00	1.00	1.00	1.00

LOAD COMBINATION NO. 20
1.4 (PP+CM+CVMAX+EQU+ARR)

LOADING-	1.	2.	3.	5.	8.
FACTOR -	1.40	1.40	1.40	1.40	1.40

LOAD COMBINATION NO. 21
1.1 (PP+CM+CVINST+EQU+ SX+ 0.3 SZ)

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	1.10	0.33	1.10

LOAD COMBINATION NO. 22
1.1 (PP+CM+CVINST+EQU+ SX- 0.3 SZ)

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	1.10	-0.33	1.10

LOAD COMBINATION NO. 23
1.1 (PP+CM+CVINST+EQU- SX+ 0.3 SZ)

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	-1.10	0.33	1.10

LOAD COMBINATION NO. 24
1.1 (PP+CM+CVINST+EQU- SX- 0.3 SZ)

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	-1.10	-0.33	1.10

LOAD COMBINATION NO. 25
1.1 (PP+CM+CVINST+EQU+ 0.3 SX+ SZ)

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	0.33	1.10	1.10

LOAD COMBINATION NO. 26
1.1 (PP+CM+CVINST+EQU+ 0.3 SX- SZ)

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	0.33	-1.10	1.10

LOAD COMBINATION NO. 27
1.1 (PP+CM+CVINST+EQU- 0.3 SX+ SZ)

STAAD SPACE

-- PAGE NO. 168

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	-0.33	1.10	1.10

LOAD COMBINATION NO. 28
 1.1 (PP+CM+CVINST+EQU- 0.3 SX- SZ)

LOADING-	1.	2.	4.	5.	6.	7.	8.
FACTOR -	1.10	1.10	1.10	1.10	-0.33	-1.10	1.10

LOAD COMBINATION NO. 29
 1.0 (PP+CM+CVMED+EQU+ARR)

LOADING-	1.	2.	5.	8.	9.
FACTOR -	1.00	1.00	1.00	1.00	1.00

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

643. LOAD LIST 20 TO 28
 644. PARAMETER 1
 645. CODE LRFD
 646. FU 45700 MEMB 1 TO 143 145 TO 150 152 TO 563 566 TO 742 746 748 TO 753 758 -
 647. 759 764 TO 767 772 TO 783 786 787 790 TO 803
 648. FYLD 35150 MEMB 1 TO 143 145 TO 150 152 TO 563 566 TO 742 746 748 TO 753 758 -
 649. 759 764 TO 767 772 TO 783 786 787 790 TO 803
 650. KX 1 MEMB 1 2 4 6 8 10 12 14 17 19 21 23 30 32 35 37 39 41 48 51 53 55 57 -
 651. 64 67 69 71 73 86 89 91 93 95 102 105 107 109 111 118 119 373 374 378 382 -
 652. 386 390 394 395 399 403 407 411 415 416 420 424 428 432 468 469 473 477 478 -
 653. 482 500 501 505 509 510 514 532 533 537 541 542 546 574 575 579 583 584 588 -
 654. 608 609 613 617 618 622 643 644 648 652 656 660 680 681 685 689 693 697 737
 655. CHECK CODE MEMB 1 TO 143 145 TO 150 152 TO 563 566 TO 742 746 748 TO 753 758 -
 656. 759 764 TO 767 772 TO 783 786 787 790 TO 803

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

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.215	21
		13.11 C	2.16	11.46	0.00
2	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.439	20
		53.53 C	14.03	-0.89	3.40
3	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.188	21
		0.21 C	0.14	7.25	0.00
4	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.640	20
		63.28 C	19.63	-4.30	3.40
5	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.241	21
		0.21 C	0.16	9.39	0.00
6	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.619	20
		60.02 C	20.26	-1.57	3.40
7	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	24
		0.00 C	0.00	9.38	6.00
8	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.564	20
		57.02 C	18.14	-1.94	3.40
9	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.632	24
		0.00 C	0.00	9.67	6.00
10	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.317	26
		21.59 C	10.29	-1.81	3.40
11	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.735	24
		0.00 C	0.00	11.23	6.00
12	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.460	28
		46.97 C	5.16	21.82	3.40
13	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	25
		0.00 C	0.00	6.83	0.00
14	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.585	20
		76.74 C	0.11	39.88	3.40
15	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.379	25
		0.00 C	0.00	5.79	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
16	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.759	20
		0.95 T	0.11	87.19	0.00
17	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.949	20
		209.02 C	-2.69	-39.25	3.40
18	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.797	20
		0.96 C	0.17	-91.17	0.00
19	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.428	25
		94.57 C	7.38	4.69	0.00
20	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.422	20
		0.03 T	-0.03	34.75	0.00
21	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.446	25
		108.83 C	6.61	5.19	0.00
22	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.691	24
		0.00 C	0.00	10.57	6.00
23	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.286	25
		52.77 C	6.34	4.96	0.00
24	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.785	24
		0.00 C	0.00	12.01	6.00
25	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.661	20
		1.61 C	0.01	35.48	0.00
26	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.382	20
		0.83 T	-0.06	43.81	0.00
27	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.390	20
		0.99 T	-0.08	44.67	0.00
28	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.349	20
		1.18 T	-0.08	39.79	0.00
29	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.170	25
		0.53 C	0.15	18.57	0.00
30	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.486	28
		49.08 C	4.98	24.07	3.40

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
31	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.382	25
			0.00	5.84	0.00
32	ST W14X90	PASS	(AISC SECTIONS)		
		52.28 C	LRFD-H1-1B-C	0.521	28
			4.98	26.64	3.40
33	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.388	25
			0.00	5.94	0.00
34	ST W24X84	PASS	(AISC SECTIONS)		
		0.93 T	LRFD-H1-1B-T	0.675	20
			0.11	77.54	0.00
35	ST W14X90	PASS	(AISC SECTIONS)		
		147.03 C	LRFD-H1-1A-C	0.839	20
			-8.82	-28.45	3.40
36	ST W24X84	PASS	(AISC SECTIONS)		
		0.93 C	LRFD-H1-1B-C	0.698	20
			-0.12	-80.05	0.00
37	ST W14X90	PASS	(AISC SECTIONS)		
		62.74 C	LRFD-H1-1B-C	0.438	25
			-11.76	-4.82	3.40
38	ST W21X44	PASS	(AISC SECTIONS)		
		0.03 T	LRFD-H1-1B-T	0.689	20
			0.02	33.91	0.00
39	ST W14X90	PASS	(AISC SECTIONS)		
		119.40 C	LRFD-H1-1A-C	0.571	20
			-12.91	-1.05	3.40
40	ST W21X44	PASS	(AISC SECTIONS)		
		0.08 C	LRFD-H1-1B-C	0.269	25
			0.51	7.50	0.00
41	ST W14X90	PASS	(AISC SECTIONS)		
		40.37 C	LRFD-H1-1B-C	0.377	25
			-11.68	-2.06	3.40
42	ST W21X44	PASS	(AISC SECTIONS)		
		0.20 C	LRFD-H1-1B-C	0.235	21
			0.27	8.11	0.00
43	ST W16X45	PASS	(AISC SECTIONS)		
		6.21 T	LRFD-H1-1B-T	0.582	20
			0.01	11.80	0.00
44	ST W24X84	PASS	(AISC SECTIONS)		
		0.21 C	LRFD-H1-1B-C	0.736	20
			-0.05	85.10	0.00
45	ST W24X84	PASS	(AISC SECTIONS)		
		0.46 C	LRFD-H1-1B-C	0.753	20
			-0.04	87.06	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
46	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.805	20
		0.46 C	-0.04	93.20	0.00
47	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.445	20
		0.16 T	-0.04	51.36	0.00
48	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.500	28
		45.85 C	5.00	25.49	3.40
49	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.381	25
		0.00 C	0.00	5.83	0.00
50	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.607	20
		1.28 T	0.10	69.65	0.00
51	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.479	25
		51.04 C	-6.15	-20.90	3.40
52	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.682	20
		1.28 C	-0.22	-77.44	0.00
53	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.238	25
		26.61 C	6.65	2.72	0.00
54	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.472	20
		0.00 C	0.00	23.32	0.00
55	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.265	25
		44.04 C	6.52	3.64	0.00
56	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.378	25
		0.08 C	0.56	12.01	0.00
57	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.266	25
		20.10 C	6.86	5.10	0.00
58	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.428	25
		0.08 C	0.59	13.98	0.00
59	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.481	20
		3.40 T	-0.00	6.57	6.00
60	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.303	20
		0.03 T	0.00	25.03	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
61	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.318	20
		0.04 C	0.00	26.30	0.00
62	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.657	20
		0.00 C	0.00	31.64	0.00
63	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.393	20
		0.00 C	0.00	18.93	0.00
64	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.567	20
		76.71 C	0.06	38.52	3.40
65	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.393	25
		0.00 C	0.00	6.01	0.00
66	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.739	20
		0.78 T	0.08	85.16	0.00
67	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.931	20
		159.97 C	11.17	-29.27	3.40
68	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.755	20
		0.84 C	-0.38	-84.79	0.00
69	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.515	20
		93.40 C	12.15	-2.63	3.40
70	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	20
		0.15 C	0.18	44.73	0.00
71	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.527	20
		108.32 C	12.30	-0.54	3.40
72	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.256	25
		0.06 C	0.51	6.91	0.00
73	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.344	26
		41.06 C	10.47	-1.88	3.40
74	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.241	25
		0.06 C	0.54	5.95	0.00
75	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.560	20
		4.23 T	0.00	7.65	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
76	ST W21X68	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.606	20
			0.00	29.18	6.00
77	ST W21X68	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.671	20
			0.00	32.36	6.00
78	ST W21X68	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.720	20
			0.00	34.68	6.00
79	ST W21X68	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.462	20
			0.00	22.24	6.00
80	ST W21X44	PASS	(AISC SECTIONS)		
		0.80 C	LRFD-H1-1B-C	0.397	25
			0.08	5.66	0.00
81	ST W16X36	PASS	(AISC SECTIONS)		
		8.37 T	LRFD-H1-1B-T	0.939	20
			0.08	12.59	0.00
82	ST W24X84	PASS	(AISC SECTIONS)		
		0.98 C	LRFD-H1-1B-C	0.480	20
			0.29	53.53	0.00
83	ST W24X84	PASS	(AISC SECTIONS)		
		0.97 T	LRFD-H1-1B-T	0.523	20
			0.29	58.52	0.00
84	ST W24X84	PASS	(AISC SECTIONS)		
		0.28 T	LRFD-H1-1B-T	0.549	20
			0.24	61.99	0.00
85	ST W24X84	PASS	(AISC SECTIONS)		
		0.37 T	LRFD-H1-1B-T	0.336	20
			0.22	37.40	0.00
86	ST W14X90	PASS	(AISC SECTIONS)		
		30.10 C	LRFD-H1-1B-C	0.241	28
			5.17	5.75	3.40
87	ST W21X44	PASS	(AISC SECTIONS)		
		0.77 C	LRFD-H1-1B-C	0.400	25
			0.01	5.91	0.00
88	ST W21X44	PASS	(AISC SECTIONS)		
		0.01 C	LRFD-H1-1B-C	0.411	20
			0.04	18.24	0.00
89	ST W14X90	PASS	(AISC SECTIONS)		
		113.69 C	LRFD-H1-1A-C	0.613	20
			-12.26	-7.36	3.40
90	ST W21X44	PASS	(AISC SECTIONS)		
		0.05 C	LRFD-H1-1B-C	0.601	20
			-0.11	26.23	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
91	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.526	20
		106.12 C	-12.66	0.11	3.40
92	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.562	21
		0.00 C	0.00	8.59	0.00
93	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.567	20
		110.65 C	-13.67	-0.79	3.40
94	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.460	24
		0.00 C	0.00	7.03	6.00
95	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.379	25
		40.60 C	-12.38	-0.71	3.40
96	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.531	24
		0.00 C	0.00	8.12	6.00
97	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.840	20
		0.67 C	0.17	44.81	6.00
98	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.496	20
		0.18 T	-0.48	-54.18	0.00
99	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.467	20
		0.23 C	-0.33	-51.90	0.00
100	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.497	20
		0.28 C	-0.13	-56.78	0.00
101	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.337	20
		0.37 C	-0.02	-38.94	0.00
102	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.178	25
		12.13 C	5.54	1.48	0.00
103	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.424	25
		0.00 C	0.00	6.48	0.00
104	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.150	21
		0.05 C	0.15	5.45	0.00
105	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.195	25
		18.24 C	5.62	2.14	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
106	ST W21X44	PASS	(AISC SECTIONS)		
		0.37 C	LRFD-H1-1B-C	0.136	22
			-0.13	4.89	0.00
107	ST W14X90	PASS	(AISC SECTIONS)		
		20.08 C	LRFD-H1-1B-C	0.211	25
			6.21	2.02	0.00
108	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.316	24
			0.00	4.83	6.00
109	ST W14X90	PASS	(AISC SECTIONS)		
		20.17 C	LRFD-H1-1B-C	0.217	25
			6.41	2.07	0.00
110	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.317	24
			0.00	4.84	6.00
111	ST W14X90	PASS	(AISC SECTIONS)		
		12.18 C	LRFD-H1-1B-C	0.199	25
			6.07	2.04	0.00
112	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.342	24
			0.00	5.23	6.00
113	ST W21X68	PASS	(AISC SECTIONS)		
		2.14 C	LRFD-H1-1B-C	0.483	20
			0.05	22.60	0.00
114	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.568	20
			0.00	25.73	0.00
115	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.700	20
			0.00	31.69	0.00
116	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.715	20
			0.00	32.41	0.00
117	ST W21X44	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.406	20
			0.00	18.41	0.00
118	ST W14X90	PASS	(AISC SECTIONS)		
		122.49 C	LRFD-H1-1A-C	0.514	20
			-10.46	0.53	3.40
119	ST W14X90	PASS	(AISC SECTIONS)		
		15.78 C	LRFD-H1-1B-C	0.252	25
			7.90	2.10	0.00
120	ST W24X84	PASS	(AISC SECTIONS)		
		0.82 T	LRFD-H1-1B-T	0.400	20
			0.18	-45.09	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
121	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.420	20
		0.99 T	0.06	-48.19	2.00
122	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.386	20
		1.18 T	-0.03	-44.47	2.00
123	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.199	20
		0.98 T	-0.07	-22.48	2.00
124	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.10 C	0.00	-8.53	3.00
125	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.12 C	0.00	-8.53	3.00
126	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.07 C	0.00	-8.53	3.00
127	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.581	20
		0.82 T	-0.20	-65.98	2.00
128	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.515	20
		0.98 T	0.04	-59.46	2.00
129	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.458	20
		1.18 T	0.23	-51.44	2.00
130	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.224	20
		0.99 T	0.22	-24.35	2.00
131	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.31 T	-0.00	-8.53	3.00
132	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.35 T	-0.00	-8.53	3.00
133	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.20 T	-0.00	-8.53	3.00
134	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.609	20
		0.82 C	-0.16	-69.49	0.00
135	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	20
		0.99 C	0.04	-63.74	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
136	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.500	20
		1.21 C	0.20	-56.50	0.00
137	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.280	20
		0.97 C	0.23	-28.56	0.00
138	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.628	20
		6.12 T	0.00	-8.53	3.00
139	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.625	20
		4.80 T	0.00	-8.53	3.00
140	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.158	20
		3.07 T	0.00	-5.02	1.50
141	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.280	20
		0.82 C	0.16	-31.31	0.00
142	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.297	20
		0.98 C	0.05	-33.97	0.00
143	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	20
		1.17 C	-0.07	-27.12	0.00
145	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.26 T	0.00	-8.53	3.00
146	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.29 T	0.00	-8.53	3.00
147	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.154	20
		0.16 T	-0.01	-5.02	1.50
148	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.800	20
		0.81 C	-0.08	92.19	2.00
149	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.833	20
		0.98 C	-0.10	95.88	2.00
150	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.327	20
		1.18 C	-0.05	37.46	0.50
152	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.07 C	-0.00	-8.53	3.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
153	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.05 C	0.00	-8.53	3.00
154	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.08 C	-0.00	-8.53	3.00
155	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.593	20
		6.63 T	-0.00	12.01	6.00
156	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.793	20
		0.67 C	0.08	64.94	0.00
157	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.339	20
		8.37 T	-0.20	-25.85	2.00
158	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.134	24
		0.01 T	-0.00	-6.04	0.00
159	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.346	20
		0.67 C	-0.17	-27.37	2.00
160	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.450	20
		0.01 C	-0.00	-6.25	2.50
161	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.353	24
		0.21 C	0.22	13.91	2.00
162	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.500	20
		0.67 C	0.25	-39.54	2.00
163	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.565	20
		0.10 T	-0.00	-7.85	3.00
164	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.150	24
		0.01 T	-0.09	-5.99	0.00
165	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.337	20
		8.37 T	-0.17	-25.85	0.00
166	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.808	20
		0.09 T	0.00	-11.22	3.50
167	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.333	24
		0.22 C	0.10	14.15	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
168	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.198	20
		8.39 T	-0.02	-15.42	0.00
169	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.803	20
		0.02 C	-0.00	-16.61	4.00
170	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.483	20
		0.95 T	-0.16	-54.81	2.00
171	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.759	20
		0.94 T	0.18	-86.82	2.00
172	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.536	20
		0.95 C	-0.16	-61.01	0.00
173	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.826	20
		0.96 C	0.08	95.24	1.50
174	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	20
		0.08 C	0.03	5.80	6.00
175	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.549	20
		0.44 T	-0.01	7.59	6.00
176	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.742	20
		0.44 T	0.01	15.33	6.00
177	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	20
		0.11 C	-0.09	29.56	6.00
178	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	20
		0.42 C	0.07	-27.23	2.00
179	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.244	20
		0.33 C	0.06	-27.90	2.00
180	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.267	20
		0.46 C	-0.01	-30.91	2.00
181	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.172	20
		0.17 T	-0.08	-19.44	2.00
182	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.369	20
		0.40 C	-0.06	-42.37	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
183	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.293	20
		0.21 C	0.00	-33.95	2.00
184	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.505	20
		0.46 C	0.10	-57.81	2.00
185	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.329	20
		0.17 T	0.21	-36.74	2.00
186	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.354	20
		0.25 T	-0.03	-40.91	0.00
187	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.289	20
		0.46 T	0.01	-33.37	2.00
188	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.489	20
		0.46 T	0.10	-56.07	0.00
189	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.334	20
		0.16 C	0.21	-37.26	0.00
190	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.280	20
		0.32 T	0.07	-31.96	0.00
191	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.292	20
		0.36 T	0.06	-33.41	0.00
192	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.353	20
		0.46 T	-0.01	-40.88	0.00
193	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.217	20
		0.17 C	-0.08	-24.59	0.00
194	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.393	20
		0.46 T	-0.05	45.20	2.00
195	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.406	20
		0.18 T	-0.05	46.72	2.00
196	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.518	20
		0.46 T	-0.04	59.80	2.00
197	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.321	20
		0.17 C	-0.04	36.93	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
198	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.562	20
		5.67 T	-0.00	11.41	6.00
199	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.428	20
		0.93 T	-0.04	-49.27	2.00
200	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.658	20
		0.93 T	-0.12	-75.50	2.00
201	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.440	20
		0.93 C	-0.02	-50.84	0.00
202	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.696	20
		0.93 C	0.06	80.25	1.50
203	ST	W18X65	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.091	20
		0.03 C	0.07	0.00	0.00
204	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.08 C	-0.00	-8.53	3.00
205	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.07 C	0.00	-8.53	3.00
206	ST	W18X65	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.124	20
		0.12 T	0.02	0.00	0.00
207	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.27 T	-0.00	-8.53	3.00
208	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.20 T	-0.00	-8.53	3.00
209	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.049	25
		0.42 C	0.26	0.00	0.00
210	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.620	20
		2.97 T	0.00	-8.53	3.00
211	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.621	20
		3.22 T	-0.00	-8.53	3.00
212	ST	W18X65	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.105	20
		0.09 T	-0.03	0.00	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
213	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.26 T	0.00	-8.53	3.00
214	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.19 T	0.00	-8.53	3.00
215	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.033	24
		0.17 T	-0.37	0.00	0.00
216	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.09 C	0.00	-8.53	3.00
217	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.07 C	-0.00	-8.53	3.00
218	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.904	20
		1.20 C	0.08	74.07	0.00
219	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.471	20
		7.09 T	0.00	-38.22	0.00
220	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.403	20
		1.20 C	-0.07	-32.70	2.00
221	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	20
		0.12 C	-0.02	5.80	0.00
222	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.658	20
		1.21 C	0.01	-54.19	2.00
223	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.548	20
		0.71 T	0.00	7.59	0.00
224	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.427	20
		7.10 T	-0.06	-34.15	0.00
225	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.743	20
		0.73 T	0.00	15.33	0.00
226	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.221	20
		7.09 T	-0.03	-17.36	0.00
227	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.551	20
		0.14 C	0.06	29.56	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
228	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.443	20
		0.13 C	0.02	6.07	6.00
229	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.516	20
		0.79 T	0.02	7.10	6.00
230	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.751	20
		0.81 T	-0.02	10.36	6.00
231	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.741	20
		0.15 C	-0.03	15.22	6.00
232	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.400	20
		1.28 T	-0.01	-46.26	2.00
233	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.628	20
		1.28 T	-0.21	-71.25	2.00
234	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.364	20
		1.28 C	0.02	-42.00	0.00
235	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.722	20
		1.28 C	0.08	83.12	2.00
236	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.443	20
		0.11 C	-0.02	6.07	0.00
237	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.517	20
		0.77 T	-0.03	7.09	0.00
238	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.752	20
		0.76 T	0.03	10.35	0.00
239	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.740	20
		0.14 C	0.03	15.21	0.00
240	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.474	20
		0.81 T	0.09	-54.36	2.00
241	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.713	20
		0.83 T	-0.31	-80.47	2.00
242	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.453	20
		0.82 C	0.04	-52.15	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
243	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.770	20
		0.80 C	0.07	88.75	1.50
244	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.626	20
		0.08 C	0.03	8.62	6.00
245	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.667	20
		0.65 T	0.04	9.13	6.00
246	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.795	20
		0.62 T	-0.04	10.91	6.00
247	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.743	20
		0.11 C	-0.02	15.29	6.00
248	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.179	20
		0.00 C	0.01	-8.02	2.00
249	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.208	24
		0.30 C	0.05	9.25	1.75
250	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.089	20
		0.00 T	0.00	-3.99	2.00
251	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.182	24
		0.24 C	0.06	7.98	1.75
252	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.113	20
		0.00 C	0.05	-9.04	2.00
253	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.129	24
		0.30 C	0.24	8.97	1.75
254	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.425	20
		0.09 T	-0.00	11.59	0.00
255	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.352	20
		0.06 C	-0.00	9.60	0.00
256	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.948	20
		0.14 T	0.00	13.16	6.00
257	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.912	20
		0.09 C	0.00	12.66	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
258	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.097	28
		0.04 T	-0.17	-2.89	0.33
259	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.280	28
		0.07 C	0.51	7.96	2.00
260	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	20
		0.00 C	0.00	-10.83	0.00
261	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.471	20
		0.00 C	0.00	21.33	2.00
262	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.101	28
		0.04 T	-0.17	-3.03	0.33
263	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.277	28
		0.07 C	0.51	7.84	2.00
264	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.561	20
		0.00 C	0.00	7.79	6.00
265	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.567	20
		0.00 C	0.00	7.88	6.00
266	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.561	20
		0.00 C	0.00	7.79	0.00
267	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.567	20
		0.00 C	0.00	7.88	0.00
268	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.120	28
		0.04 T	-0.18	-3.82	0.00
269	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.329	24
		0.19 C	0.28	12.34	2.00
270	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.228	20
		0.00 C	0.00	-10.32	1.67
271	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.428	28
		0.08 C	0.59	13.93	2.00
272	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.116	28
		0.04 T	-0.18	-3.62	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
273	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.298	28
		0.07 C	0.54	8.53	2.00
274	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.568	20
		0.00 C	0.00	7.89	6.00
275	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.560	20
		0.00 C	0.00	7.78	6.00
276	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.568	20
		0.00 C	0.00	7.89	0.00
277	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.560	20
		0.00 C	0.00	7.78	0.00
278	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.630	20
		0.00 C	0.05	8.63	0.00
279	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.662	20
		0.40 T	0.02	9.14	0.00
280	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.807	20
		0.35 T	0.11	10.93	0.00
281	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.753	20
		0.06 C	0.10	15.30	0.00
282	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.300	20
		0.02 T	0.07	-12.98	0.00
283	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.616	20
		0.05 T	-0.22	25.90	2.00
284	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.322	20
		0.02 C	-0.00	-14.57	2.00
285	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.514	20
		0.01 T	0.01	23.21	2.00
286	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.616	20
		0.01 C	0.10	12.46	6.00
287	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.843	20
		0.24 T	0.14	17.04	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
288	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.892	20
		0.24 T	0.01	18.42	6.00
289	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.849	20
		0.03 C	0.05	17.43	6.00
290	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.073	24
		0.32 T	-0.01	-3.21	0.00
291	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.154	23
		0.19 C	-0.09	6.13	2.00
292	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.052	23
		0.11 T	0.03	-2.13	0.00
293	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.138	24
		0.24 C	0.10	5.31	2.00
294	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	20
		0.02 C	-0.01	12.46	0.00
295	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.831	20
		0.11 T	-0.06	17.03	0.00
296	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.901	20
		0.13 T	0.08	18.42	0.00
297	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.847	20
		0.02 C	0.03	17.43	0.00
298	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.307	20
		0.13 C	-0.08	-35.04	2.00
299	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.350	20
		0.14 T	-0.17	-39.37	2.00
300	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.491	20
		0.63 T	-0.41	-53.96	2.00
301	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.459	20
		0.43 C	-0.26	-51.38	2.00
302	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.295	20
		0.16 T	0.03	-34.09	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
303	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.333	20
		0.22 C	-0.10	-37.94	0.00
304	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.472	20
		0.14 T	0.22	53.22	2.00
305	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.534	20
		0.22 C	0.23	60.31	2.00
306	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.075	24
		0.15 T	-0.85	0.00	0.00
307	ST W18X65		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.072	20
		0.22 T	-0.33	0.00	0.00
308	ST W16X36		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.113	20
		4.62 T	0.11	0.00	0.00
309	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.27 T	0.00	-8.53	3.00
310	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.09 C	0.00	-8.53	3.00
311	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.350	20
		0.28 T	-0.11	-39.86	2.00
312	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.488	20
		0.28 T	-0.14	-55.62	2.00
313	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.357	20
		0.28 C	-0.18	-40.18	0.00
314	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.560	20
		0.28 C	0.23	63.34	2.00
315	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.04 T	0.00	-8.53	3.00
316	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.18 T	0.00	-8.53	3.00
317	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.623	20
		4.13 T	-0.00	-8.53	3.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
318	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.615	20
		0.35 T	0.00	-8.53	3.00
319	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.11 C	-0.00	-8.53	3.00
320	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.221	20
		0.35 T	-0.14	-24.58	2.00
321	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.325	20
		0.34 T	-0.02	-37.48	2.00
322	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.229	20
		0.35 C	-0.20	-25.16	0.00
323	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.346	20
		0.33 C	0.21	38.61	2.00
324	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.00 T	0.00	-8.53	3.00
325	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.14 T	-0.00	-8.53	3.00
326	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.621	20
		3.01 T	0.00	-8.53	3.00
327	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.614	20
		0.22 T	0.00	-8.53	3.00
328	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		0.07 C	-0.00	-8.53	3.00
329	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.127	25
		0.01 T	-0.06	-5.24	2.00
330	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.190	20
		0.00 C	0.00	-8.63	2.00
331	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.180	28
		0.21 C	0.17	6.56	2.00
332	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.227	28
		0.30 C	0.18	8.57	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
333	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.185	20
		0.00 C	0.00	-8.38	2.00
334	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.230	28
		0.31 C	0.18	8.69	2.00
335	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.109	25
		0.01 T	-0.05	-4.45	2.00
336	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.186	28
		0.17 C	0.17	6.85	2.00
337	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.00 C	0.00	-8.53	3.00
338	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.00 C	0.00	-8.53	3.00
339	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.00 C	0.00	-8.53	3.00
340	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.00 C	0.00	-8.53	3.00
341	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.00 C	0.00	-8.53	3.00
342	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	20
		0.00 C	0.00	-8.53	3.00
343	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.412	20
		6.64 T	-0.02	-17.98	2.00
344	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.477	20
		6.59 T	0.00	-21.05	2.00
345	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.505	20
		6.53 T	0.14	-21.05	0.00
346	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.334	20
		8.35 T	0.11	-13.46	2.00
347	ST	W21X44	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.314	20
		8.31 T	0.01	-13.46	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
348	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.219	20
		8.26 T	-0.02	-9.01	0.00
349	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.226	20
		0.04 C	-0.02	-15.25	2.00
350	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	20
		0.07 C	0.03	-15.25	0.00
351	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.230	20
		0.17 T	0.01	-15.56	0.00
352	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.222	20
		0.21 T	0.02	-15.18	0.00
353	ST W8X40		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.182	20
		0.04 T	0.00	-3.75	1.00
354	ST W8X40		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.169	20
		0.03 C	0.01	-3.48	1.17
355	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.174	20
		0.15 T	-0.03	-11.63	0.00
356	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.165	20
		0.20 T	-0.02	-11.28	0.00
357	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.132	20
		0.05 C	0.03	-8.76	2.00
358	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.130	20
		0.08 C	-0.03	-8.76	0.00
359	ST W8X40		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.175	20
		0.08 T	0.02	-3.56	0.50
360	ST W8X40		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.173	20
		0.05 C	-0.04	1.51	2.00
361	ST W8X40		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.147	20
		0.10 T	0.00	1.09	0.00
362	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.152	20
		0.13 T	-0.00	4.15	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
363	ST W8X40		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.151	20
		0.07 C	0.00	1.70	0.00
364	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.140	20
		0.08 C	-0.00	3.81	2.00
365	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.110	20
		0.00 C	0.01	-7.44	2.00
366	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.095	20
		0.00 C	0.01	-6.42	2.00
367	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.093	20
		0.01 C	0.15	-5.38	2.00
368	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.103	24
		0.46 T	-0.44	-4.34	0.00
369	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.173	20
		0.21 T	-0.16	-10.81	0.00
370	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.167	20
		0.09 T	-0.18	-10.45	0.00
371	ST W8X40		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.139	20
		0.12 T	0.23	0.74	0.00
372	ST W8X40		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.151	20
		0.07 C	0.23	1.37	0.00
373	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.124	24
		5.32 C	2.44	4.27	3.90
374	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.731	20
		23.51 C	24.71	-4.28	3.90
375	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.162	21
		0.42 C	0.15	4.27	0.00
376	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.145	24
		0.01 T	-0.05	-4.33	0.00
377	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.318	24
		0.42 C	0.15	9.24	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
378	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.759	20
		25.11 C	-24.19	7.44	0.00
379	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.215	21
		0.42 C	0.16	5.89	0.00
380	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.137	20
		0.00 C	-0.00	-4.37	0.00
381	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.330	24
		0.42 C	0.16	9.60	2.00
382	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.735	20
		25.08 C	-24.41	5.06	0.00
383	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.226	25
		0.15 C	0.51	4.20	0.00
384	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.142	28
		0.03 T	-0.18	-3.48	0.00
385	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.340	28
		0.15 C	0.51	7.84	2.00
386	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.667	20
		24.08 C	-21.66	5.52	0.00
387	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.275	25
		0.15 C	0.72	4.58	0.00
388	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.159	28
		0.04 T	-0.25	-3.61	0.00
389	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.384	28
		0.15 C	0.72	8.03	2.00
390	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.325	20
		10.95 C	-8.91	6.22	0.00
391	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.267	25
		0.14 C	0.68	4.51	0.00
392	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.166	28
		0.04 T	-0.32	-3.42	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
393	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.326	24
		0.42 C	0.29	8.67	2.00
394	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	20
		26.31 C	0.32	41.10	3.90
395	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.686	20
		5.06 C	-17.14	-18.21	0.00
396	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.610	20
		0.00 C	0.00	41.10	0.00
397	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.301	20
		0.00 C	-0.00	-20.30	2.00
398	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.306	20
		0.00 C	0.01	-20.60	2.00
399	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.241	25
		10.13 C	-5.57	-6.64	3.90
400	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.361	20
		0.00 C	-0.00	-11.50	2.00
401	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.360	20
		0.00 C	-0.00	-11.50	0.00
402	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.660	20
		0.00 T	0.00	21.06	2.00
403	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	25
		6.51 C	-5.99	-4.65	3.90
404	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.434	25
		0.25 C	0.56	10.59	0.00
405	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.200	20
		0.00 C	0.00	-6.39	2.00
406	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.425	28
		0.25 C	0.55	10.32	2.00
407	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.267	25
		5.17 C	-6.68	-6.78	3.90

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
408	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.354	25
		0.27 C	0.80	6.56	0.00
409	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.178	20
		0.00 C	-0.00	-5.67	0.00
410	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.421	28
		0.26 C	0.81	8.69	2.00
411	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.281	25
		4.48 C	-5.63	-10.20	3.90
412	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.260	25
		0.24 C	0.96	2.77	0.00
413	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.219	20
		0.00 C	-0.00	-6.99	0.00
414	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.419	28
		0.19 C	0.54	10.20	2.00
415	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.634	20
		29.13 C	-0.35	-47.31	0.00
416	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.181	21
		11.03 C	1.19	10.95	0.00
417	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.674	20
		0.00 C	0.00	45.43	0.00
418	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.381	20
		0.00 C	-0.01	-25.64	2.00
419	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.405	20
		0.00 C	0.01	-27.25	2.00
420	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.826	20
		65.81 C	4.26	51.13	0.00
421	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.450	20
		0.00 C	0.01	-30.32	0.00
422	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.448	20
		0.00 C	-0.01	-30.13	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
423	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.668	20
		0.00 C	0.00	45.03	1.50
424	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.332	27
		35.20 C	-7.54	7.52	3.90
425	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.399	25
		0.12 C	0.51	9.71	0.00
426	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.056	25
		0.03 T	-0.18	-0.73	2.00
427	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.316	28
		0.12 C	0.51	7.09	2.00
428	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.260	25
		44.45 C	-4.25	-7.86	3.90
429	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.585	25
		1.71 C	0.83	13.65	0.00
430	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.427	20
		1.94 C	0.00	-13.44	0.00
431	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.757	20
		1.94 C	0.00	23.97	2.00
432	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.240	26
		16.12 C	3.24	-10.93	3.90
433	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.515	25
		1.22 T	0.86	11.78	0.00
434	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.297	20
		1.94 T	0.00	-9.33	2.00
435	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.491	28
		1.16 T	0.78	11.03	2.00
436	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.241	28
		0.00 C	0.00	3.35	6.00
437	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.434	20
		0.00 C	-0.00	-5.49	2.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
438	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.523	20
		0.00 T	-0.00	-6.61	3.00
439	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.457	20
		0.00 C	0.00	24.70	0.00
440	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.648	20
		0.00 T	-0.00	-8.20	3.00
441	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.730	20
		0.00 C	-0.00	-9.23	3.50
442	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.482	20
		0.00 C	0.00	-26.05	6.00
443	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.632	20
		0.00 C	0.00	-7.99	3.00
444	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.633	20
		0.00 C	0.00	-8.01	3.00
445	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	20
		0.00 C	0.00	-25.64	6.00
446	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.710	20
		0.00 C	0.00	-8.98	3.50
447	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.703	20
		0.00 C	0.00	-8.89	3.50
448	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.409	20
		0.00 C	0.00	-22.11	6.00
449	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	20
		0.00 C	0.00	-7.50	3.00
450	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.593	20
		0.00 T	-0.00	-7.50	3.00
451	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	20
		0.00 C	0.00	6.98	0.00
452	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.246	25
		0.00 C	0.00	3.42	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
453	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	20
		0.00 C	0.00	5.35	6.00
454	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.514	20
		0.01 T	-0.00	6.50	6.00
455	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.693	20
		0.00 C	0.00	9.63	6.00
456	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.828	20
		0.01 T	0.00	10.46	6.00
457	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.613	20
		0.00 C	-0.00	14.64	6.00
458	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.686	20
		0.00 C	0.00	37.05	6.00
459	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.632	20
		0.00 C	0.00	-7.99	3.00
460	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.633	20
		0.00 C	0.00	-8.00	3.00
461	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.685	20
		0.00 C	0.00	37.04	6.00
462	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.627	20
		0.00 T	-0.00	14.96	6.00
463	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.653	20
		0.00 C	-0.00	15.60	6.00
464	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	20
		0.30 C	-0.01	37.95	6.00
465	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.208	20
		0.00 C	0.00	-5.07	3.00
466	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.464	20
		0.00 C	-0.00	11.29	3.00
467	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.290	28
		0.30 T	-0.22	-7.07	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
468	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.616	20
		27.55 C	0.30	46.12	3.90
469	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.242	23
		4.42 C	1.11	-16.58	0.00
470	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.684	20
		0.00 C	0.00	46.12	0.00
471	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.336	20
		0.00 C	-0.01	-22.59	2.00
472	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.427	20
		0.00 C	0.01	-28.75	2.00
473	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.334	26
		1.61 C	4.52	-16.98	3.90
474	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.431	20
		0.00 T	-0.00	-13.73	2.00
475	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.430	20
		0.00 C	-0.00	-13.73	0.00
476	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.700	20
		0.00 C	0.00	22.36	2.00
477	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.189	28
		2.16 T	4.42	5.64	3.90
478	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.150	28
		7.15 C	4.84	1.16	3.90
479	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.325	25
		0.21 C	0.80	5.64	0.00
480	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.134	28
		0.02 T	-0.17	-3.29	0.00
481	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.293	28
		0.21 C	0.81	4.63	2.00
482	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.235	25
		6.21 C	-3.56	-10.72	3.90

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
483	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.349	25
		0.23 T	-0.61	-7.56	2.00
484	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.310	20
		0.00 T	0.00	-9.90	0.00
485	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.477	28
		0.22 C	0.77	10.72	2.00
486	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	25
		0.00 C	0.00	3.32	0.00
487	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	20
		0.00 C	-0.00	5.35	0.00
488	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.515	20
		0.02 T	0.00	6.50	0.00
489	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.684	20
		0.00 C	0.00	9.50	0.00
490	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.828	20
		0.02 T	-0.00	10.46	0.00
491	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.613	20
		0.00 C	0.00	14.64	0.00
492	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	20
		0.00 C	0.00	32.07	0.00
493	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.575	20
		0.00 C	0.00	31.07	0.00
494	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.627	20
		0.00 T	-0.00	14.96	0.00
495	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.653	20
		0.00 T	-0.00	15.60	0.00
496	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.681	20
		0.30 T	-0.01	36.73	0.00
497	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.568	20
		0.00 T	-0.00	-7.18	3.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
498	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.893	20
		0.00 C	-0.00	11.29	0.00
499	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.814	20
		0.00 C	0.00	11.31	0.00
500	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.568	20
		27.23 C	-0.31	-42.27	0.00
501	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.254	21
		10.83 C	4.43	9.98	0.00
502	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	20
		0.00 C	0.00	40.66	0.00
503	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.341	20
		0.00 C	-0.01	-22.92	2.00
504	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.341	20
		0.00 C	-0.01	-22.92	0.00
505	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.917	20
		37.55 C	-11.13	-46.42	3.90
506	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	20
		0.00 C	-0.01	-26.03	2.00
507	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	20
		0.00 C	-0.01	-26.03	0.00
508	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.689	20
		0.00 C	0.00	46.43	2.00
509	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.454	20
		23.76 C	-10.90	11.17	3.90
510	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	20
		62.13 C	15.24	2.53	0.00
511	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	25
		0.19 C	0.77	8.96	0.00
512	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.357	20
		0.00 C	-0.00	-11.40	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
513	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.672	20
		0.00 C	-0.00	21.47	2.00
514	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.429	20
		22.23 C	-7.40	-16.70	3.90
515	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.640	25
		0.23 C	0.81	15.66	0.00
516	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.372	20
		0.00 C	-0.00	-11.89	0.00
517	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.551	28
		0.21 C	0.77	13.04	2.00
518	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.244	25
		0.00 C	0.00	3.40	0.00
519	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.432	20
		0.01 C	0.00	5.46	6.00
520	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.499	20
		0.03 T	-0.00	6.30	6.00
521	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.710	20
		0.00 C	0.00	9.86	6.00
522	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.629	20
		0.02 T	0.00	7.95	6.00
523	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.710	20
		0.00 C	-0.00	8.97	6.00
524	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.374	20
		0.00 C	0.00	-20.23	0.00
525	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.354	20
		0.00 C	0.00	-19.13	0.00
526	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.688	20
		0.00 C	-0.00	8.70	6.00
527	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.757	20
		0.00 T	-0.00	9.57	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
528	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.601	20
		0.00 C	0.00	32.50	6.00
529	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.863	20
		0.00 C	-0.00	10.91	6.00
530	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.678	20
		0.00 C	-0.00	8.57	6.00
531	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.825	20
		0.00 C	0.00	11.47	6.00
532	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.484	20
		21.42 C	-0.36	-35.95	0.00
533	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.172	22
		13.87 C	-1.12	10.18	0.00
534	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.878	20
		0.00 T	0.00	28.04	0.00
535	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.416	20
		0.00 T	-0.00	-13.25	2.00
536	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.415	20
		0.00 C	-0.00	-13.25	0.00
537	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.449	20
		20.24 C	0.46	33.08	0.00
538	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.426	20
		0.00 C	-0.00	-13.57	2.00
539	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.426	20
		0.00 T	-0.00	-13.57	0.00
540	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.905	20
		0.00 T	0.00	28.90	2.00
541	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.152	28
		9.07 C	2.55	5.98	3.90
542	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.167	25
		22.76 C	-4.54	-1.77	3.90

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
543	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.330	25
		0.17 C	0.78	5.98	0.00
544	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	20
		0.00 C	-0.00	-7.16	0.00
545	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.477	28
		0.17 C	0.78	10.65	2.00
546	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	25
		9.87 C	-3.65	-9.34	3.90
547	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.459	25
		0.20 C	0.81	9.90	0.00
548	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.239	20
		0.00 C	0.00	-7.62	0.00
549	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	28
		0.19 C	0.78	9.34	2.00
550	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.238	25
		0.00 C	0.00	3.31	0.00
551	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.432	20
		0.01 C	-0.00	5.46	0.00
552	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.498	20
		0.05 T	0.00	6.30	0.00
553	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.438	20
		0.00 C	0.00	6.09	6.00
554	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.629	20
		0.04 T	-0.00	7.94	0.00
555	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.709	20
		0.01 C	0.00	8.96	0.00
556	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.512	20
		0.00 C	0.00	7.11	0.00
557	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.486	20
		0.00 C	0.00	6.75	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
558	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.688	20
		0.00 C	0.00	8.70	0.00
559	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.757	20
		0.00 T	-0.00	9.57	0.00
560	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.357	20
		0.00 C	0.00	19.29	0.00
561	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.863	20
		0.00 C	-0.00	10.91	0.00
562	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.678	20
		0.00 C	0.00	8.57	0.00
563	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.314	25
		0.00 C	0.00	4.36	0.00
566	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.193	20
		0.00 C	0.00	-5.28	2.00
567	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.301	20
		0.00 C	0.00	9.61	0.00
568	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.195	20
		0.00 C	0.00	-5.31	1.00
569	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.193	20
		0.00 C	0.00	-5.28	0.00
570	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.084	21
		0.01 C	0.08	2.22	0.00
571	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.168	24
		0.24 C	0.12	4.64	2.00
572	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.077	20
		0.00 C	0.00	-1.87	1.50
573	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.077	20
		0.00 C	0.00	-1.87	1.50
574	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.623	20
		28.81 C	-0.27	-46.64	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
575	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.266	22
		11.31 C	-5.51	8.64	0.00
576	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.659	20
		0.85 C	0.00	44.32	0.00
577	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.374	20
		0.85 C	0.03	-24.99	2.00
578	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.374	20
		0.85 C	0.04	-24.99	0.00
579	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.908	20
		48.98 C	-13.27	40.23	0.00
580	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.403	20
		0.85 T	0.04	-26.97	2.00
581	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.403	20
		0.85 T	0.03	-26.97	0.00
582	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.764	20
		0.85 T	0.00	51.41	2.00
583	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.478	20
		33.03 C	12.39	9.18	3.90
584	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.478	20
		49.50 C	-15.00	2.23	0.00
585	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	25
		0.16 C	0.78	10.56	0.00
586	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.349	20
		0.00 C	-0.00	-11.14	0.00
587	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.642	20
		0.00 C	-0.00	20.50	2.00
588	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.356	20
		21.49 C	5.68	-14.57	3.90
589	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.583	25
		0.16 C	0.81	13.87	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
590	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.313	20
		0.00 C	-0.00	-10.00	2.00
591	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.498	28
		0.16 C	0.78	11.33	2.00
592	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.249	25
		0.00 C	0.00	3.46	0.00
593	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.457	20
		0.01 C	-0.00	5.77	6.00
594	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.558	20
		0.05 T	0.00	7.05	6.00
595	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.517	20
		1.77 T	0.00	7.13	0.00
596	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.662	20
		0.05 T	-0.00	8.36	6.00
597	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.739	20
		0.01 C	-0.00	9.33	6.00
598	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.124	25
		0.17 C	0.11	2.93	0.00
599	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.119	21
		0.08 T	-0.26	-2.02	3.00
600	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.785	20
		0.00 C	-0.00	9.92	6.00
601	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.808	20
		0.00 T	0.00	10.22	6.00
602	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.877	20
		0.00 C	0.00	12.19	6.00
603	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.767	20
		0.00 C	0.00	9.69	6.00
604	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	20
		0.00 C	-0.00	8.90	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
605	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.405	20
		0.00 C	0.00	5.63	6.00
606	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.424	20
		0.00 C	0.00	12.01	3.00
607	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.445	20
		0.00 C	0.00	12.58	3.00
608	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.363	20
		19.69 C	0.17	26.85	3.90
609	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.533	20
		1.40 T	18.56	-3.34	0.00
610	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.841	20
		0.00 C	-0.00	26.85	0.00
611	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.409	20
		0.00 C	-0.00	-13.04	2.00
612	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.409	20
		0.00 T	-0.00	-13.04	0.00
613	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.207	28
		4.41 C	3.68	-8.37	3.90
614	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.290	20
		0.00 T	-0.00	-9.23	2.00
615	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.290	20
		0.00 C	-0.00	-9.23	0.00
616	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.588	20
		0.00 C	0.00	18.79	2.00
617	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.112	25
		0.84 C	4.19	0.00	0.00
618	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.155	25
		3.35 C	-4.31	-3.02	3.90
619	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.294	25
		0.16 C	0.78	4.84	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
620	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.141	28
		0.00 T	-0.20	-3.34	0.00
621	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.317	28
		0.16 C	0.78	5.54	2.00
622	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.223	25
		5.03 C	-3.94	-9.09	3.90
623	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.262	25
		0.16 T	-0.61	-4.82	2.00
624	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.200	20
		0.00 C	0.00	-6.40	0.00
625	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.428	28
		0.16 C	0.78	9.09	2.00
626	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.237	28
		0.00 C	0.00	3.29	6.00
627	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.456	20
		0.01 T	-0.00	5.77	0.00
628	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.559	20
		0.02 C	-0.00	7.06	0.00
629	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.848	20
		1.77 C	-0.00	11.51	0.00
630	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	20
		0.02 C	0.00	8.37	0.00
631	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.739	20
		0.01 T	0.00	9.34	0.00
632	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	20
		0.00 C	0.00	-24.17	6.00
633	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.469	20
		0.00 C	0.00	-25.32	6.00
634	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.785	20
		0.00 C	0.00	9.92	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
635	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.808	20
		0.00 T	-0.00	10.22	0.00
636	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.488	20
		0.00 C	0.00	26.39	0.00
637	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.767	20
		0.00 C	-0.00	9.69	0.00
638	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	20
		0.00 C	0.00	8.90	0.00
639	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.814	20
		0.00 C	0.00	11.31	0.00
640	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.260	25
		0.09 C	0.51	5.30	0.00
641	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.066	25
		0.03 T	-0.18	-1.06	2.00
642	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.218	28
		0.09 C	0.51	3.95	2.00
643	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.232	28
		13.36 C	3.05	10.89	3.90
644	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.439	20
		55.24 C	-14.08	-0.54	3.90
645	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	20
		0.00 C	0.00	13.91	0.00
646	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.321	20
		0.00 C	0.00	-10.24	0.00
647	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.633	20
		0.00 C	0.00	20.20	2.00
648	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.548	20
		49.07 C	15.23	7.30	0.00
649	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.616	20
		0.00 C	0.00	19.66	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
650	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.330	20
		0.00 C	-0.00	-10.51	0.00
651	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.642	20
		0.00 C	0.00	20.51	2.00
652	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.480	20
		48.94 C	15.96	0.36	0.00
653	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.534	20
		0.00 C	0.00	17.05	0.00
654	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.283	20
		0.00 C	0.00	-9.05	0.00
655	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.581	20
		0.00 C	0.00	18.54	2.00
656	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.526	20
		51.36 C	17.27	1.08	0.00
657	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.585	25
		0.16 C	0.78	14.11	0.00
658	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.306	20
		0.00 C	-0.00	-9.76	0.00
659	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.626	20
		0.00 C	-0.00	20.00	2.00
660	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.429	20
		22.29 C	-8.21	-15.00	3.90
661	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.624	25
		0.16 C	0.81	15.16	0.00
662	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.345	20
		0.00 C	-0.00	-11.01	2.00
663	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.510	28
		0.16 C	0.78	11.68	2.00
664	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.245	25
		0.00 C	0.00	3.40	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
665	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.610	20
		0.00 T	0.00	7.71	6.00
666	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.510	20
		0.01 C	-0.00	12.19	6.00
667	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.685	20
		0.00 C	0.00	37.00	6.00
668	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.573	20
		0.01 C	0.00	13.67	6.00
669	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.884	20
		0.00 T	-0.00	11.17	6.00
670	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.479	20
		0.00 C	0.00	25.90	6.00
671	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	20
		0.00 C	0.00	9.42	6.00
672	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.752	20
		0.00 C	0.00	9.51	6.00
673	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.494	20
		0.00 C	0.00	26.72	6.00
674	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.841	20
		0.00 C	-0.00	10.64	6.00
675	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.854	20
		0.00 T	0.00	10.80	6.00
676	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.519	20
		0.00 C	0.00	28.03	6.00
677	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.826	20
		0.00 C	0.00	10.44	6.00
678	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.733	20
		0.00 C	-0.00	9.27	6.00
679	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.908	20
		0.00 C	0.00	12.62	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
680	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.109	27
		4.05 C	-2.54	2.98	3.90
681	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.099	26
		6.49 C	2.84	-1.38	3.90
682	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.162	21
		0.21 C	0.17	4.13	0.00
683	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.103	24
		0.01 T	-0.06	-2.91	0.00
684	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.197	24
		0.22 C	0.18	5.22	2.00
685	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.095	25
		7.27 C	-2.78	-1.06	3.90
686	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.178	25
		0.09 C	0.37	3.49	0.00
687	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.075	25
		0.03 T	-0.12	-1.66	2.00
688	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.187	28
		0.08 C	0.35	3.90	2.00
689	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.110	21
		8.64 C	2.46	2.85	0.00
690	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.213	25
		0.09 C	0.51	3.80	0.00
691	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.097	28
		0.03 T	-0.18	-2.06	0.00
692	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.227	28
		0.09 C	0.51	4.25	2.00
693	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.115	21
		8.77 C	2.65	2.82	0.00
694	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.248	25
		0.09 C	0.72	3.70	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
695	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.104	28
		0.05 T	-0.25	-1.87	0.00
696	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.262	28
		0.09 C	0.72	4.12	2.00
697	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.129	25
		3.67 C	-3.01	-3.61	3.90
698	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.265	25
		0.09 C	0.75	4.05	0.00
699	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.117	25
		0.05 T	-0.24	-2.31	2.00
700	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.247	28
		0.09 C	0.73	3.61	2.00
701	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.264	25
		0.00 C	0.00	3.67	0.00
702	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.610	20
		0.00 T	-0.00	7.71	0.00
703	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.510	20
		0.01 C	0.00	12.18	0.00
704	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.424	20
		0.00 C	0.00	22.92	0.00
705	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.573	20
		0.01 C	-0.00	13.67	0.00
706	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.884	20
		0.00 T	0.00	11.17	0.00
707	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.830	20
		0.00 C	0.00	11.54	0.00
708	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	20
		0.00 C	0.00	9.42	0.00
709	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.752	20
		0.00 C	0.00	9.51	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
710	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.832	20
		0.00 C	0.00	11.56	0.00
711	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.841	20
		0.00 C	0.00	10.64	0.00
712	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.854	20
		0.00 T	-0.00	10.80	0.00
713	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.843	20
		0.00 C	0.00	11.71	0.00
714	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.826	20
		0.00 C	-0.00	10.44	0.00
715	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.733	20
		0.00 C	0.00	9.27	0.00
716	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.337	25
		0.00 C	0.00	4.68	0.00
717	TB	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.855	20
		0.96 C	0.13	125.14	0.50
718	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.899	20
		0.00 C	0.00	60.55	0.50
719	ST	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.905	20
		0.93 C	0.09	104.36	0.50
720	TB	W24X84	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.780	20
		0.80 C	0.11	114.24	0.50
721	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.218	25
		0.13 T	-0.31	-5.29	0.50
722	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.225	25
		1.65 T	-0.51	-4.23	0.50
723	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.216	20
		0.00 C	0.00	-5.25	0.50
724	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.367	20
		0.00 C	0.00	10.37	3.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
725	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.094	28
		0.12 C	0.31	0.91	2.50
726	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.138	25
		0.12 C	0.56	0.91	0.00
727	ST W24X84		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.193	20
		1.17 C	-0.02	21.23	1.00
728	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.180	20
		0.99 C	-0.03	20.52	1.50
729	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.264	20
		3.10 T	-0.02	-5.63	1.13
730	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.258	20
		0.14 T	-0.02	-5.63	1.13
731	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.039	20
		0.03 T	-0.02	-1.15	1.50
732	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.304	20
		1.16 C	-0.01	-35.07	0.00
733	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.037	20
		0.03 C	0.01	-1.15	0.00
734	ST W16X36		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.025	20
		0.01 T	-0.04	0.00	0.00
735	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.824	20
		1.18 C	-0.08	94.95	1.50
736	ST W24X84		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.433	20
		0.99 C	-0.09	49.52	1.50
737	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.249	28
		26.44 C	-5.92	-5.16	0.00
738	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.383	20
		0.01 T	0.02	31.64	0.00
739	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.163	20
		0.00 C	-0.00	13.50	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
740	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.094	21
		0.25 T	-0.16	-6.66	1.75
741	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.109	21
		0.43 T	-0.27	-7.10	0.25
742	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.218	20
		0.02 C	-0.03	-14.81	1.75
746	ST W18X65		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.094	20
		0.06 C	-0.05	0.00	0.25
748	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.163	20
		1.22 T	0.00	-5.11	2.00
749	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.159	20
		1.21 T	0.00	-5.11	0.00
750	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.228	20
		0.12 T	-0.02	-15.56	1.75
751	ST W18X65		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.117	20
		0.21 T	-0.04	0.00	0.25
752	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.150	20
		1.24 T	-0.01	-4.81	1.75
753	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.017	25
		1.87 T	-0.07	0.00	0.25
758	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.169	20
		0.10 T	0.00	-11.63	1.75
759	ST W18X65		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.098	20
		0.20 T	0.04	0.00	0.25
764	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.113	20
		0.02 C	0.02	-7.67	1.75
765	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.032	24
		0.18 C	0.35	0.00	0.25
766	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.573	20
		0.01 T	-0.00	26.88	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
767	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.280	24
		0.55 C	0.06	13.17	0.25
772	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.087	20
		0.01 C	-0.01	7.15	0.00
773	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.081	20
		0.02 T	-0.01	6.66	0.00
774	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.067	25
		0.13 T	-0.08	-4.95	2.00
775	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.068	25
		0.15 T	-0.08	-5.11	2.00
776	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.432	20
		0.00 T	0.00	20.23	0.00
777	ST W21X44		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.212	24
		0.33 C	0.09	9.58	0.25
778	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.017	25
		0.07 C	0.19	0.00	0.00
779	ST W18X65		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.050	20
		0.00 T	0.01	0.00	0.00
780	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.108	20
		0.00 T	0.00	-7.44	0.00
781	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.094	20
		0.00 C	0.01	-6.42	0.00
782	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.094	20
		0.00 C	-0.01	-6.46	1.75
783	ST W18X65		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.020	20
		0.01 T	-0.01	0.00	0.25
786	ST W18X65		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.093	25
		0.06 T	-0.22	-5.04	1.75
787	ST W18X65		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.050	20
		0.00 C	-0.01	0.00	0.25

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
790	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.320	20
		4.40 T	0.02	-9.80	1.33
791	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.307	20
		4.29 T	-0.06	-9.39	0.00
792	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.476	20
		0.08 C	-0.05	39.15	0.00
793	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.162	24
		0.46 C	0.33	11.18	0.25
794	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.092	24
		0.45 C	0.44	-3.56	1.75
795	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.073	24
		0.21 C	0.81	0.00	0.25
796	ST	W18X65	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.175	20
		0.31 T	0.19	-10.81	1.75
797	ST	W18X65	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.070	20
		0.16 T	0.27	0.00	0.25
798	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.307	20
		4.52 T	0.07	-9.31	1.75
799	ST	W16X36	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.114	20
		4.22 T	-0.07	0.00	0.25
800	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.498	20
		0.13 T	0.08	13.15	0.00
801	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.479	20
		0.09 C	0.09	12.64	0.00
802	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.073	20
		0.04 T	0.08	-1.58	0.33
803	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.078	20
		0.02 C	0.07	-1.77	0.33

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

657. STEEL TAKE OFF LIST 1 TO 143 145 TO 150 152 TO 563 566 TO 742 746 748 TO 753 -

STEEL TAKE-OFF

PROFILE	LENGTH(METE)	WEIGHT (MTON)
658. 758 759 764 TO 767 772 TO 783 786 787 790 TO 803		
ST W14X90	373.40	50.008
ST W21X44	240.00	15.768
ST W24X84	191.00	23.842
ST W21X68	90.00	9.097
ST W16X67	204.00	20.207
ST W16X45	108.00	7.259
ST W16X36	892.50	47.812
ST W18X65	48.00	4.633
ST W14X34	449.50	22.717
ST W8X40	16.00	0.946
ST W14X43	60.00	3.821
TB W24X84	1.00	0.150

	TOTAL =	206.260

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

659. PERFORM ANALYSIS

** ALL CASES BEING MADE ACTIVE BEFORE RE-ANALYSIS. **

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

*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 401 EQN.NO. 1998
 LOADS APPLIED OR DISTRIBUTED HERE FROM ELEMENTS WILL BE IGNORED.
 THIS MAY BE DUE TO ALL MEMBERS AT THIS JOINT BEING RELEASED OR EFFECTIVELY RELEASED IN THIS DIRECTION.

- *WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 409 EQN.NO. 2037
- *WARNING- ZERO STIFFNESS IN DIRECTION 2 AT JOINT 393 EQN.NO. 2120
- *WARNING- ZERO STIFFNESS IN DIRECTION 4 AT JOINT 393 EQN.NO. 2122
- *WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 393 EQN.NO. 2124
- *WARNING- ZERO STIFFNESS IN DIRECTION 2 AT JOINT 394 EQN.NO. 2126
- *WARNING- ZERO STIFFNESS IN DIRECTION 4 AT JOINT 394 EQN.NO. 2128
- *WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT 394 EQN.NO. 2130

EIGEN METHOD : SUBSPACE

 NUMBER OF MODES REQUESTED = 6
 NUMBER OF EXISTING MASSES IN THE MODEL = 1017
 NUMBER OF MODES THAT WILL BE USED = 6

STAAD SPACE

-- PAGE NO. 223

CALCULATED FREQUENCIES FOR LOAD CASE 6

MODE	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	ACCURACY
1	1.560	0.64115	8.878E-16
2	1.971	0.50746	5.562E-16
3	2.044	0.48923	3.446E-16
4	2.695	0.37105	1.023E-09
5	2.761	0.36215	2.673E-07
6	2.763	0.36190	1.198E-09

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	2.937	0.34048	9.382E-06
8	3.145	0.31794	3.041E-06
9	3.173	0.31520	1.578E-06
10	3.213	0.31123	3.363E-05

RESPONSE LOAD CASE 6

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	3.939115E-02	5.260477E-02	1.751827E+03	8.498400E+02
2	1.608889E+03	3.039653E+00	5.276154E-01	5.051327E+02
3	1.540081E+02	1.986211E-01	2.554641E+00	5.177588E+02
4	1.017759E-02	2.114677E-02	3.723373E+01	7.900866E+01
5	1.296714E-05	1.095829E-02	1.093352E-04	6.707238E+01
6	1.646554E-01	2.791413E-02	5.998339E-04	5.274506E+01

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 1.973036E+03 1.973036E+03 1.973036E+03 MTON
 MISSING WEIGHT X Y Z -2.099249E+02 -1.969685E+03 -1.808921E+02 MTON
 MODAL WEIGHT X Y Z 1.763111E+03 3.350898E+00 1.792144E+03 MTON

MODE	ACCELERATION-G	DAMPING
----	-----	-----
1	0.06496	0.05000
2	0.06702	0.05000
3	0.06702	0.05000
4	0.06702	0.05000
5	0.06702	0.05000
6	0.06702	0.05000

MODAL BASE ACTIONS FORCES IN MTON LENGTH IN METE

MOMENTS ARE ABOUT THE ORIGIN

MODE	PERIOD	FX	FY	FZ	MX	MY	MZ
1	0.641	0.00	-0.00	0.54	2.84	-8.07	-0.06
2	0.507	107.83	-4.69	-1.95	60.79	2517.44	-604.26
3	0.489	10.32	0.37	1.33	1.88	702.93	-49.63
4	0.371	0.00	-0.00	-0.04	0.07	0.96	-0.00
5	0.362	0.00	0.00	0.00	-0.00	-0.00	0.00
6	0.362	0.01	0.00	0.00	-0.11	1.61	0.41

MASS PARTICIPATION FACTORS IN PERCENT

BASE SHEAR IN MTON

MODE	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z	
1	0.00	0.00	88.79	0.002	0.003	88.788	0.00	0.00	0.00	
2	81.54	0.15	0.03	81.546	0.157	88.815	107.83	0.00	0.00	
3	7.81	0.01	0.13	89.351	0.167	88.945	10.32	0.00	0.00	
4	0.00	0.00	1.89	89.352	0.168	90.832	0.00	0.00	0.00	
5	0.00	0.00	0.00	89.352	0.168	90.832	0.00	0.00	0.00	
6	0.01	0.00	0.00	89.360	0.170	90.832	0.01	0.00	0.00	
							TOTAL SRSS SHEAR	108.33	0.00	0.00
							TOTAL 10PCT SHEAR	118.15	0.00	0.00
							TOTAL ABS SHEAR	118.17	0.00	0.00

RESPONSE LOAD CASE 7

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED WEIGHT
	X	Y	Z	
1	3.939115E-02	5.260477E-02	1.751827E+03	8.498400E+02
2	1.608889E+03	3.039653E+00	5.276154E-01	5.051327E+02
3	1.540081E+02	1.986211E-01	2.554641E+00	5.177588E+02
4	1.017759E-02	2.114677E-02	3.723373E+01	7.900866E+01
5	1.296714E-05	1.095829E-02	1.093352E-04	6.707238E+01
6	1.646554E-01	2.791413E-02	5.998339E-04	5.274506E+01

SRSS MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z 1.973036E+03 1.973036E+03 1.973036E+03 MTON
 MISSING WEIGHT X Y Z -2.099249E+02 -1.969685E+03 -1.808921E+02 MTON
 MODAL WEIGHT X Y Z 1.763111E+03 3.350898E+00 1.792144E+03 MTON

MODE	ACCELERATION-G	DAMPING
----	-----	-----
1	0.06496	0.05000
2	0.06702	0.05000
3	0.06702	0.05000
4	0.06702	0.05000
5	0.06702	0.05000
6	0.06702	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	0.641	0.54	-0.62	113.81	598.60	-1702.47	-12.00
2	0.507	-1.95	0.08	0.04	-1.10	-45.59	10.94
3	0.489	1.33	0.05	0.17	0.24	90.53	-6.39
4	0.371	-0.04	0.06	2.50	-4.45	-57.84	0.15
5	0.362	0.00	0.00	0.00	-0.00	-0.00	0.00
6	0.362	0.00	0.00	0.00	-0.01	0.10	0.02

MODE	MASS PARTICIPATION FACTORS IN PERCENT						BASE SHEAR IN MTON		
	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	0.00	0.00	88.79	0.002	0.003	88.788	0.00	0.00	113.81
2	81.54	0.15	0.03	81.546	0.157	88.815	0.00	0.00	0.04
3	7.81	0.01	0.13	89.351	0.167	88.945	0.00	0.00	0.17
4	0.00	0.00	1.89	89.352	0.168	90.832	0.00	0.00	2.50
5	0.00	0.00	0.00	89.352	0.168	90.832	0.00	0.00	0.00
6	0.01	0.00	0.00	89.360	0.170	90.832	0.00	0.00	0.00
-----							-----		
				TOTAL SRSS	SHEAR		0.00	0.00	113.83
				TOTAL 10PCT	SHEAR		0.00	0.00	113.83
				TOTAL ABS	SHEAR		0.00	0.00	116.51

660. FINISH

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

**** DATE= MAR 2,2018 TIME= 16:55:40 ****

```
*****
*   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                             *
*                                                         *
*   Copyright (c) 1997-2015 Bentley Systems, Inc.       *
*   http://www.bentley.com                               *
*****
```