PROYECTO CENTRO DE SERVICIO INFONAVIT (CESI Y DELEGACION), ACAPULCO, GUERRERO.

Proyecto Ejecutivo – Memoria de Cálculo de Estructuras.

Ref. E17/MX-1161 _ Rev. 01   MAYO 2018

CALCULISTA ESTRUCTURAL
NOMBRE: GUSTAVO LÓPEZ ROJAS
CÉDULA PROFESIONAL: 8570864
DIRECCIÓN: Río Amazonas 30. Piso 1. Col. Cuauhtémoc.
DELEGACIÓN: Cuauhtémoc, Ciudad de México
TELÉFONO: (044) 55 - 48 - 51 - 36 - 09
FIRMA:

INFONAVIT

RIVERO - BORRELL - GUTARQS
Arquitectos.

ingenor
ENGINEERING >
ARCHITECTURE >
PROJECT>

ingenor	ENCARGO: PROYECTO CENTRO DE SERVICIOS INFONAVIT (CESI/DELEGACION) ACAPULCO.			
Nº: MX-1161	TITULO: -Memoria de Cálculo de Estructuras-			
FECHA: MAYO/2018				
ADJUNTO: -	COPIAS	CLIENTE 1	INGENOR 1	

Índice

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 Acapulco, con una superficie de terreno de 4,869.0686 m², la cual está distribuida en dos niveles de oficina+1 estacionamiento. Se encuentra localizado en el Blvd de las naciones esquina con calle diamante, lote 43 y 29, manzana 40, col. La zanja, playa diamante, Acapulco, GRO.

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

1   DESCRIPCIÓN GENERAL DEL PROYECTO.

Compuesto por un predio de forma irregular y topografía plana. Con base a la constancia de alineamiento las medidas generales son las siguientes, al Norte colinda con un predio particular, al Este con la calle diamante, al Oeste con predio particular y al Sur con el Blvd. De las naciones.
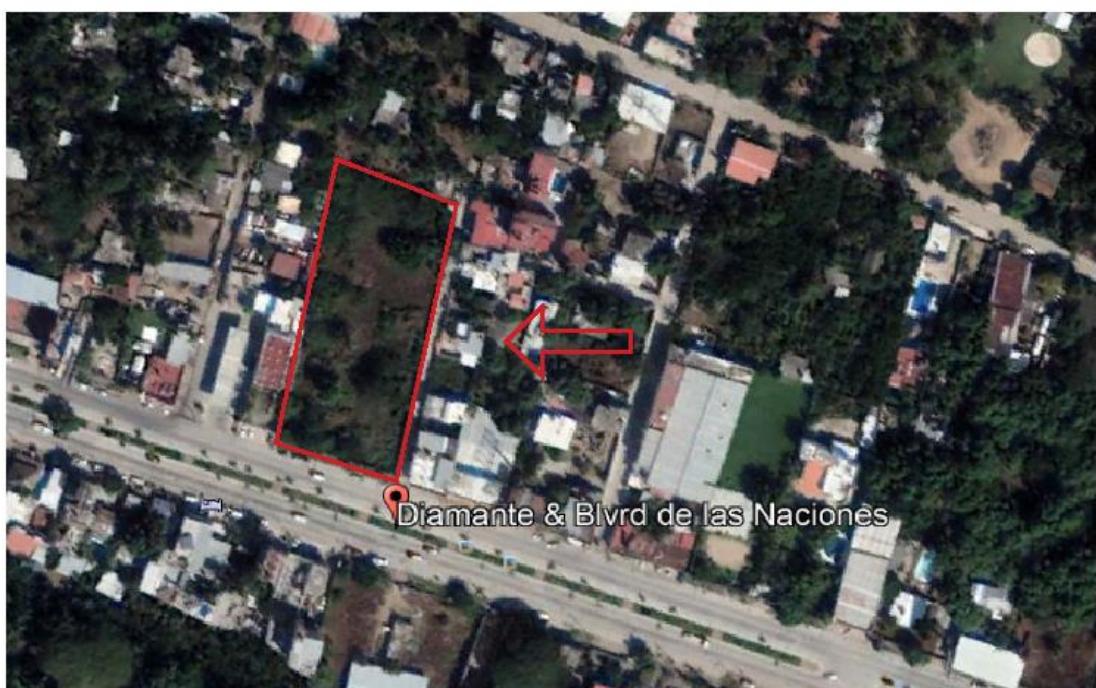
Fig. 1 Localización del emplazamiento del "CESI Acapulco".

2   MODELO MATEMATICO.

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

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

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

En las figuras siguientes se muestra una vista tridimensional del modelo de análisis descrito en párrafos anteriores.
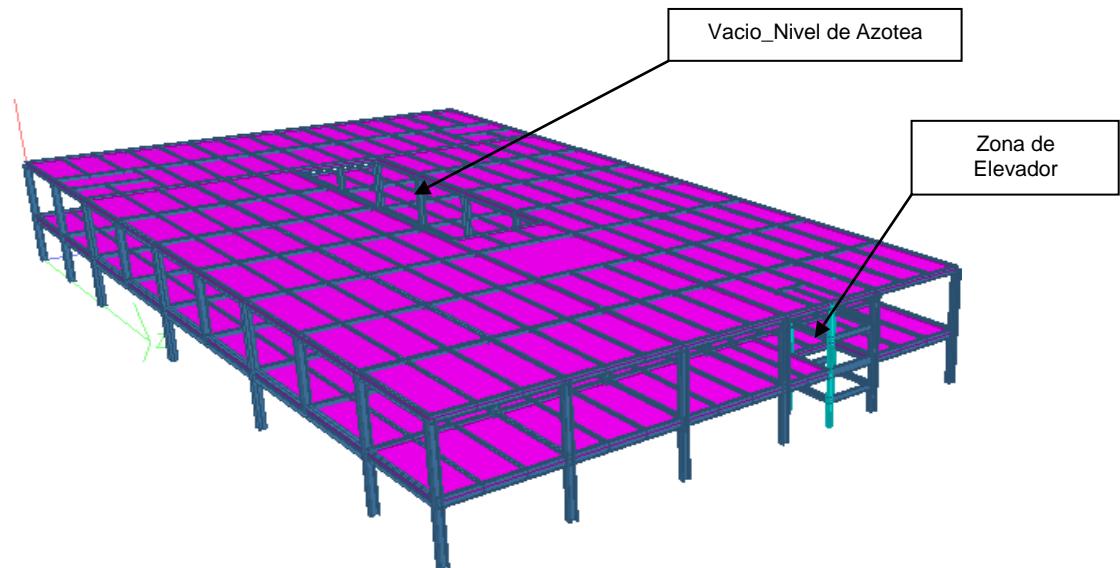
Isométrico de Modelo de Delegación.
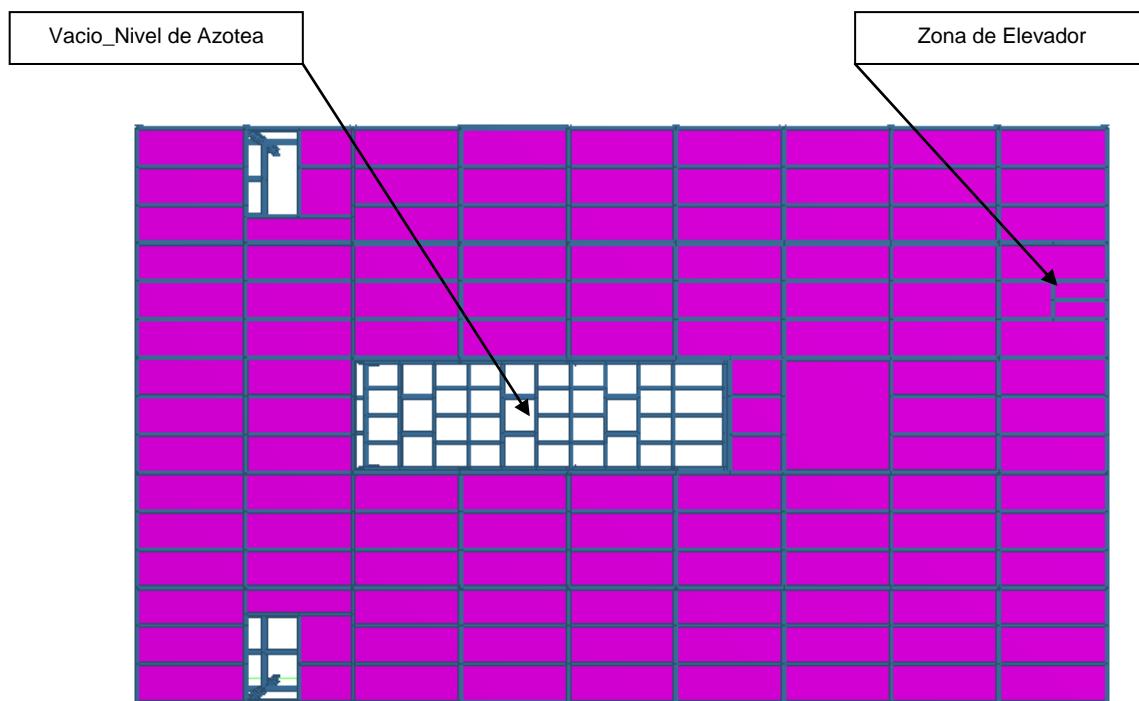
Planta Estructural del Modelo de Delegación.

Vacio_Nivel Azotea

Vacio_Nivel Azotea

Vacio_Nivel de Azotea

Isométrico de Modelo de CESI.

Vacio_Nivel Azotea

Planta Estructural de CESI.
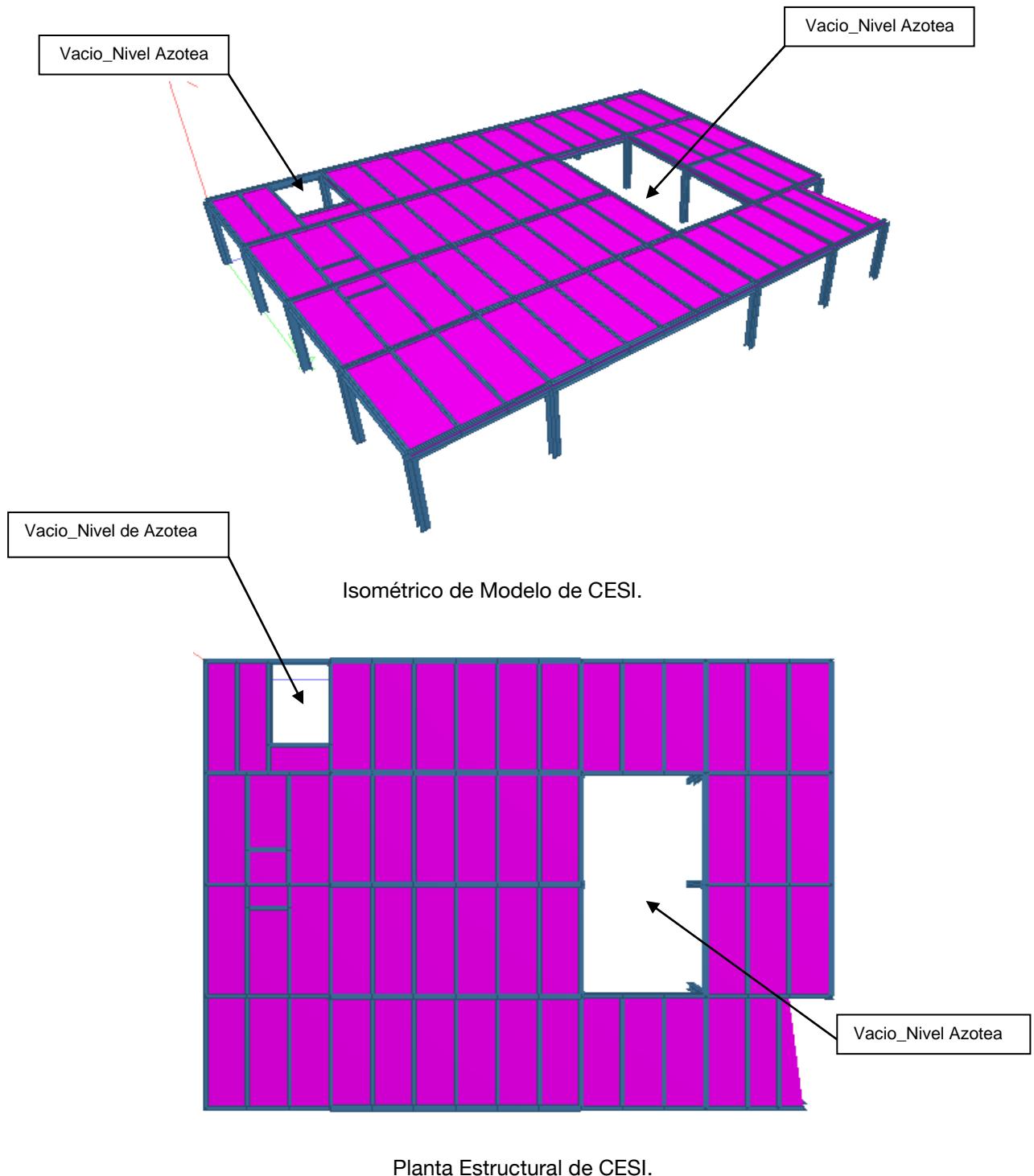
3   REGLAMENTOS Y MANUALES EMPLEADOS.

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

- Reglamento de Construcciones del Distrito Federal. (R.C.D.F.), Edición 2004

- Normas Técnicas Complementarias para el Diseño por Sismo. (N.T.C.D.S.)

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

- Normas Técnicas Complementarias para Diseño y Construcción de Estructuras Metálicas. (N.T.C.D.C.E.M.)

- Normas Técnicas Complementarias para Diseño y Construcción de Cimentaciones. (N.T.C.D.C.C.)

- Manual de Construcción en Acero IMCA.

- Manual de Diseño de Obras Civiles Diseño por Sismo. (M.D.O.C.D.S.)

- American Concrete Institute (ACI), Edición ACI 318-11.

- American Institute of Steel Construction. (AISC-LRFD)

4   MATERIALES.

4.1   CONCRETO.

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

4.2   ACERO DE REFUERZO Y ANCLAS.

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

Anclas ASTM A-50.

4.3   ACERO ESTRUCTURAL.

Acero estructural ASTM A-50 con esfuerzo de fluencia fy= 3515 kg/cm^2 y módulo de elasticidad E= 2040000 kg/cm^2.

4.4   TORNILLOS

Tornillos estructurales deberán ser A-325 de alta resistencia.

4.5   SOLDADURA.

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

5 ANÁLISIS DE CARGAS.

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

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

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

5.1 ACCIONES PERMANENTES.

5.1.1 CARGAS MUERTAS.

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

Entrepiso

• Losacero		$229 \ kg/m^2$
• Muros divisorios		$60 \ kg/m^2$
• Acabados		$40 \ kg/m^2$
• Instalaciones		$30 \ kg/m^2$
• Sobrecarga		$40 \ kg/m^2$
	TOTAL =	$399 \ kg/m^2$

Azotea

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

3 Equipos (Nivel Azotea) _Delegación

- UP-01 (MCA TRANE)   1325.0kg

Equipo (Nivel azotea)_Cesi

- UP-01 (MCA TRANE)   900.0kg

Panel Prefabricado (Stud Frame) $45 kg/cm^2$

5.2 ACCIONES VARIABLES.

5.2.1 CARGAS VIVAS.

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

6 ANALISIS SISMICO.

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

Los parámetros del análisis es el siguiente:

- Clasificación de la estructura según su uso   …………….. Grupo B
- Zona Sísmica   …………….... D
- Clasificación del suelo   …………….. Tipo II
- Coeficiente sísmico   …………….. c = 0.86
- Factor de comportamiento sísmico   …………….. Q = 2
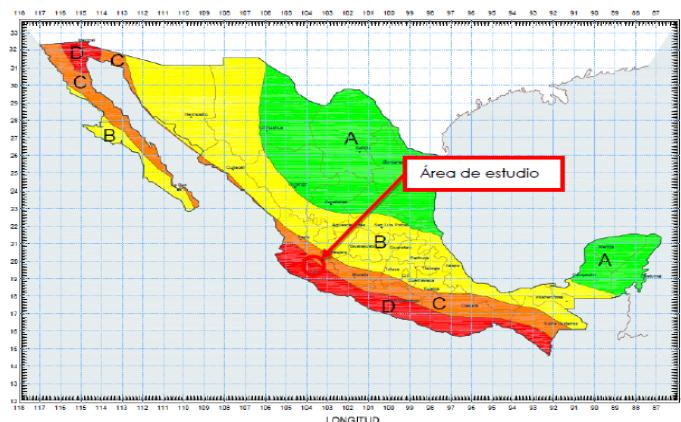
Zonificación Sismica de la Republica Mexicana.

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

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

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

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

donde

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

Parámetros para la construcción del espectro de diseño.

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

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

7   COMBINACIONES DE ACCIONES.

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

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

ANALISIS ESTRUCTURAL.
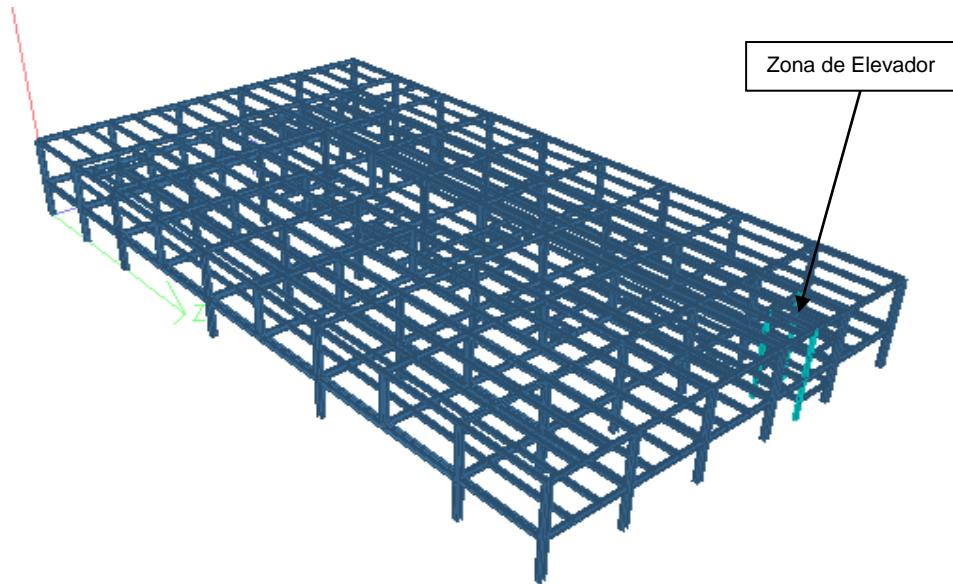
Isométrico Estructuración Edificio_Area de Delegación.
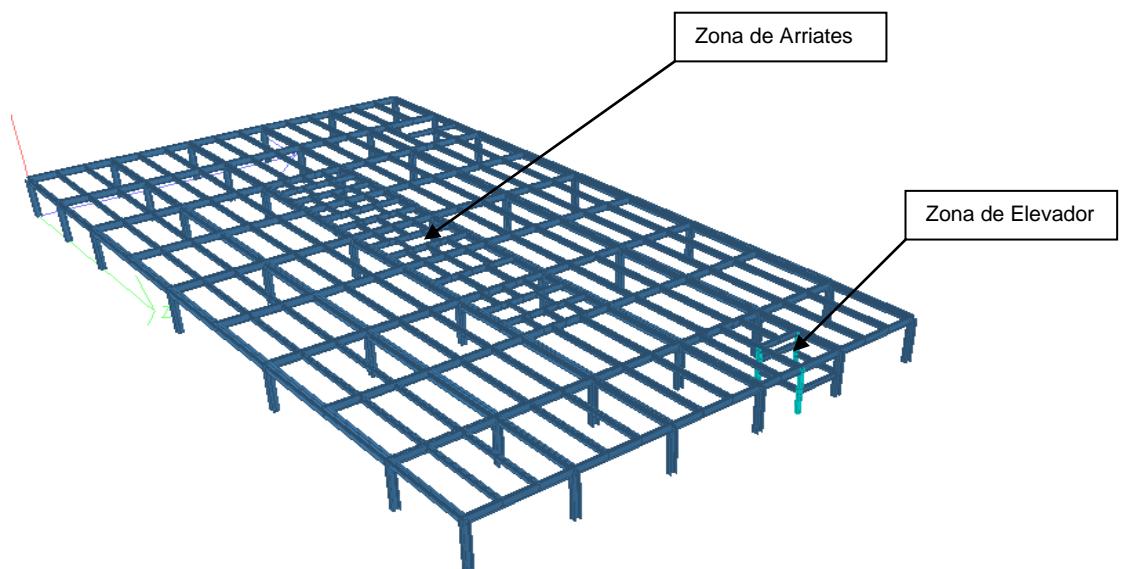
Isométrico Estructuración de Entrepiso_Area de Delegación.

Zona de Equipos

Vacio_Nivel Azotea

Zona de Elevador
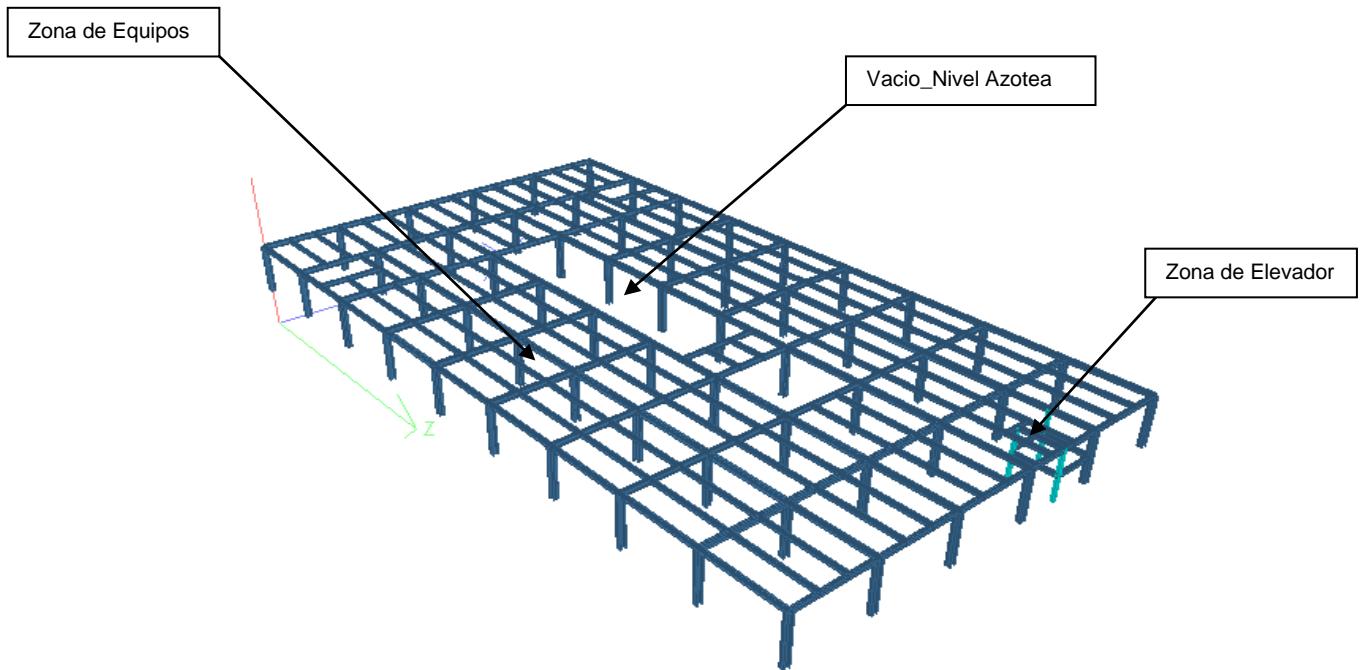
Isométrico Estructuración de Azotea_Area de Delegación.
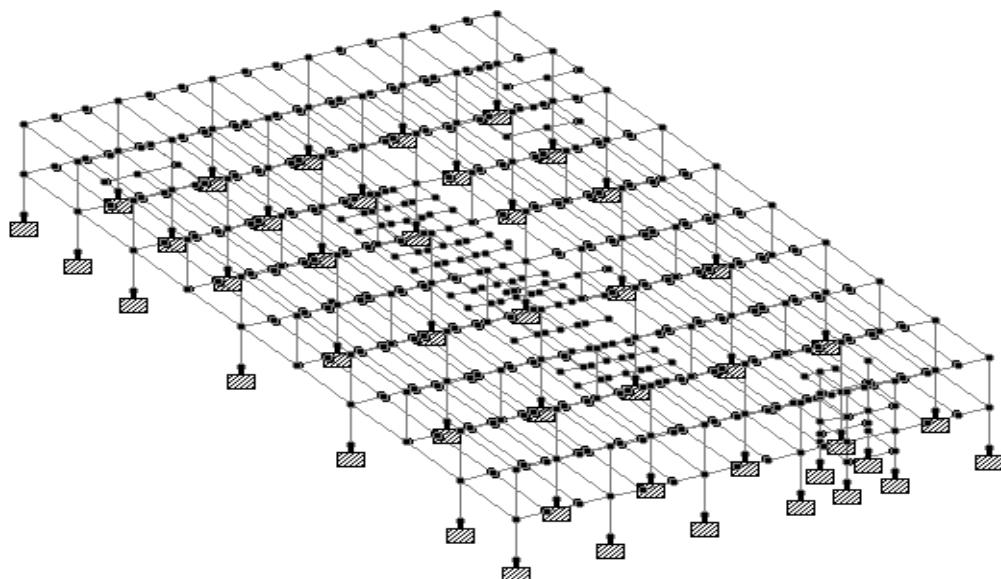
Modelo Estructural Delegación como elemento barra.
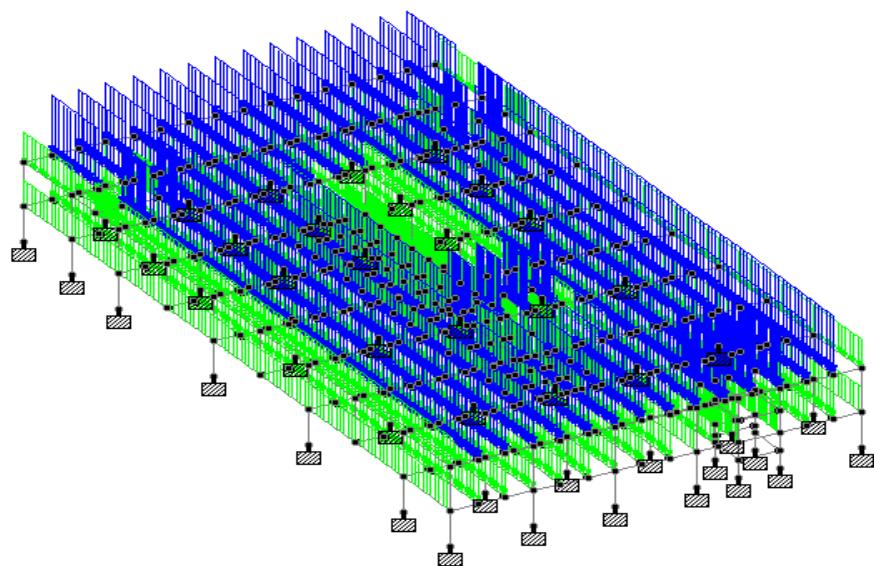
Cargas Muertas en Área de Delegación.
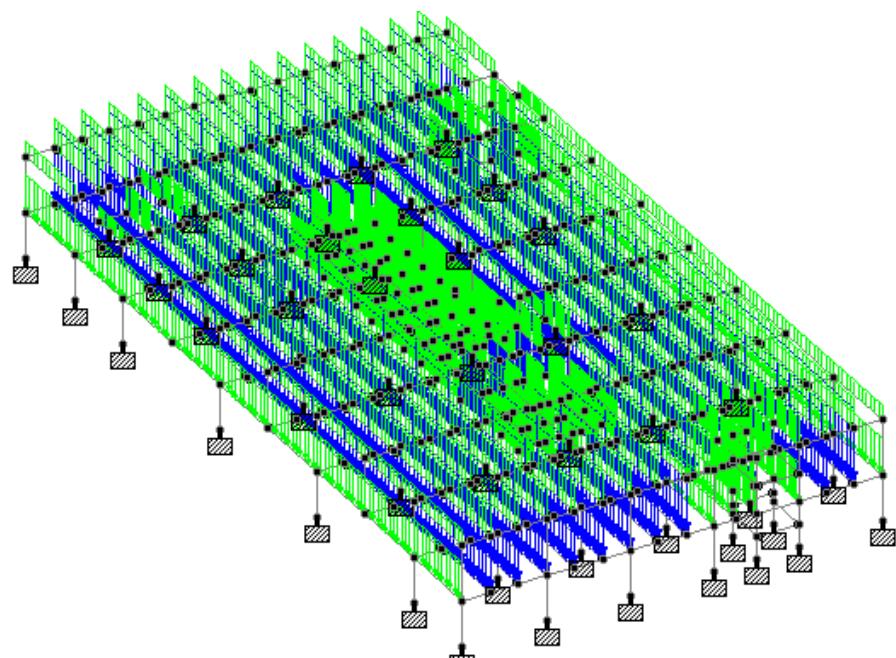
Cargas Vivas en Área de Delegación.
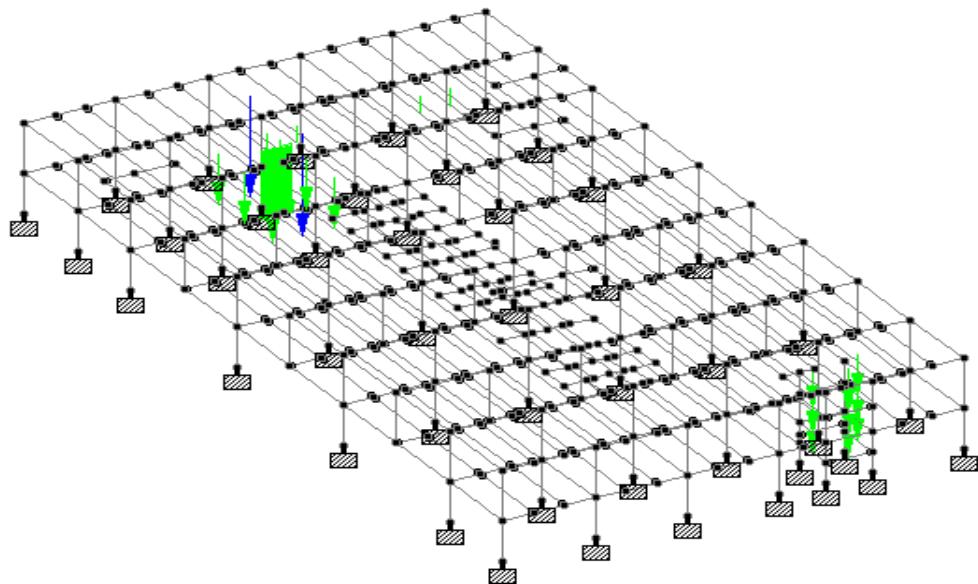
Cargas Equipos en Área de Delegación. (1300kg)
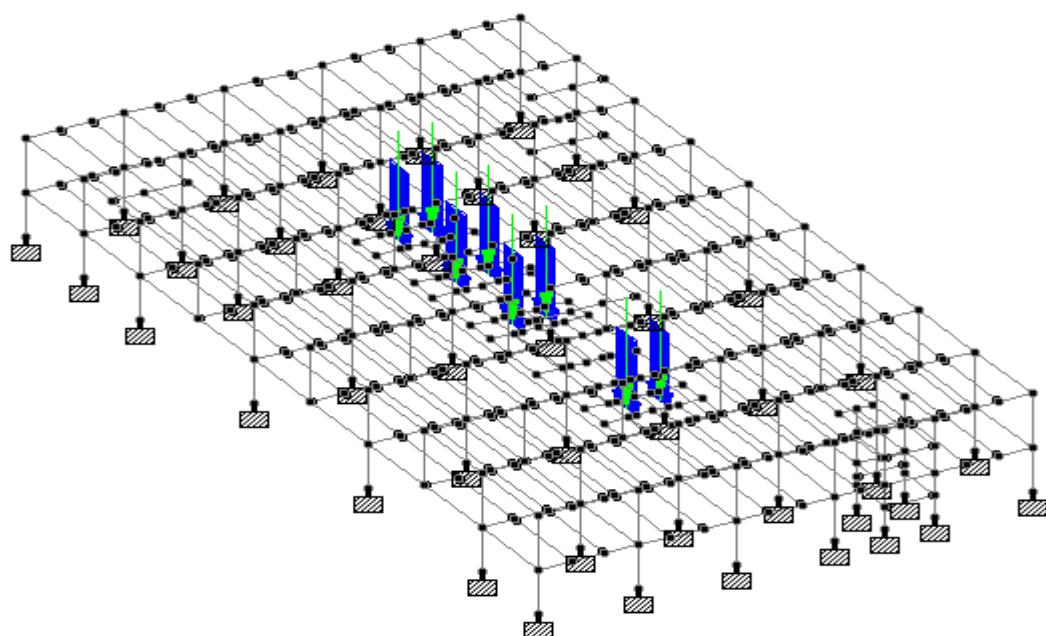
Cargas de Arriates en Área de Delegación.
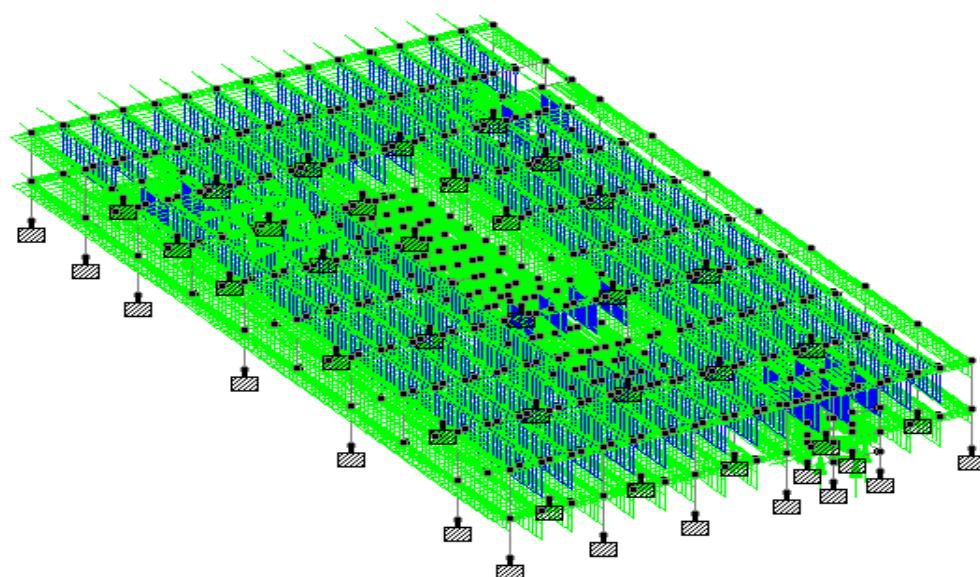
Carga de Sismo en Área de Delegación.

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

Estructuración para recibir
Equipo (900kg).
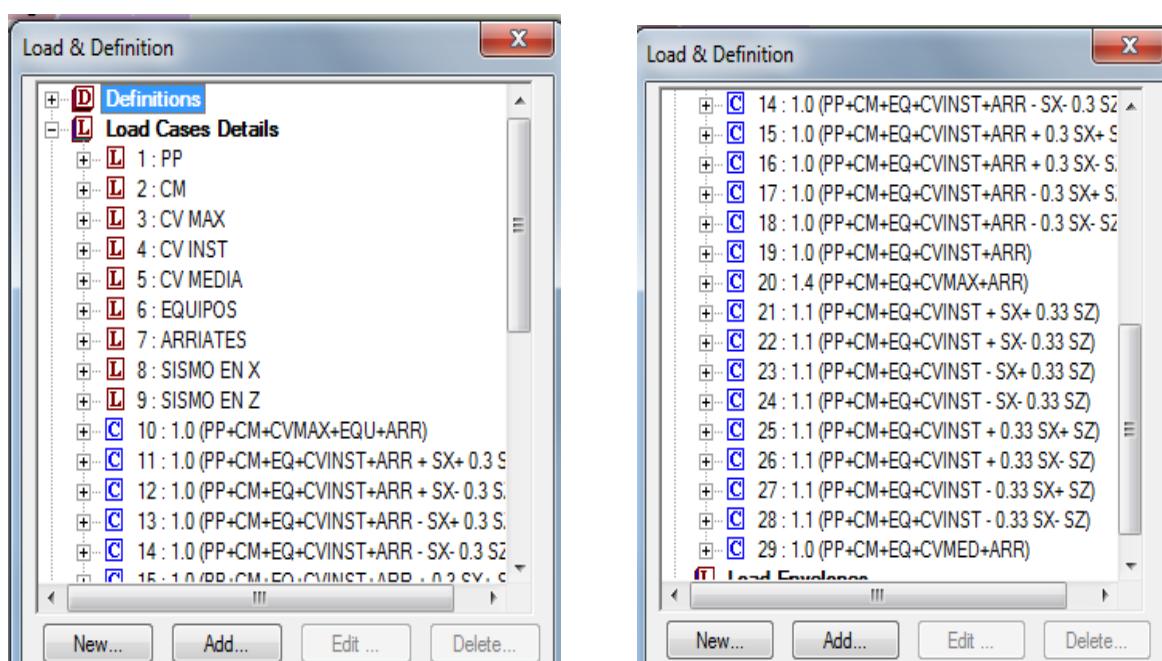
Vacio_Nivel Azotea
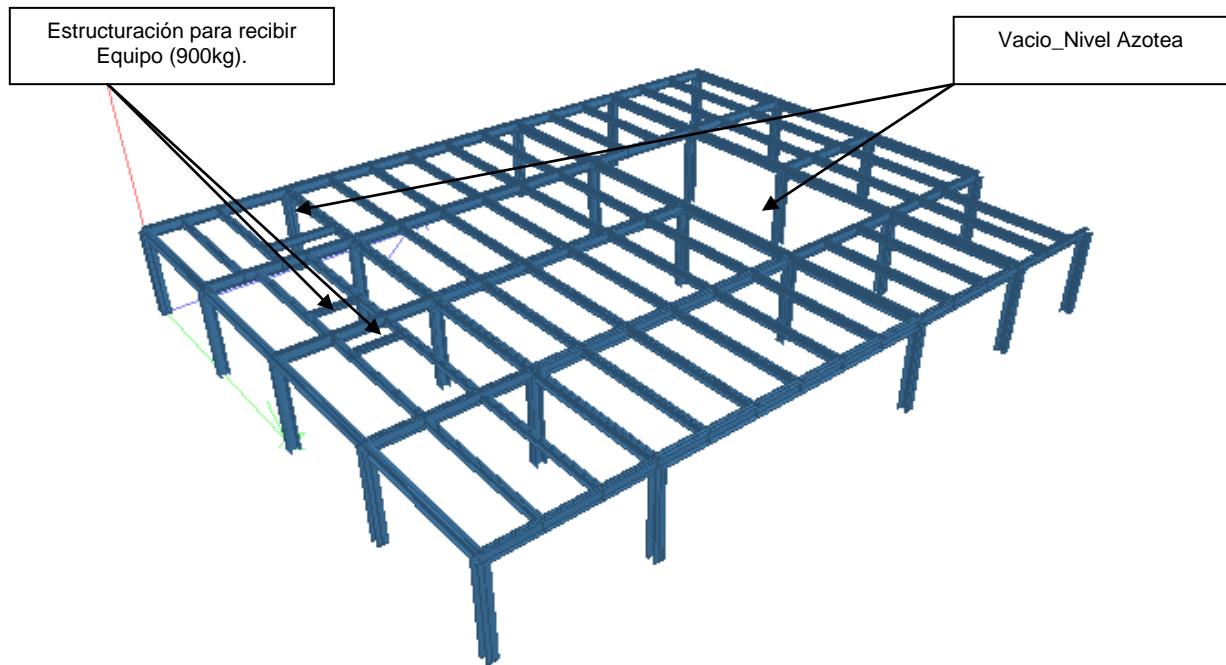
Isométrico estructuración área de CESI.
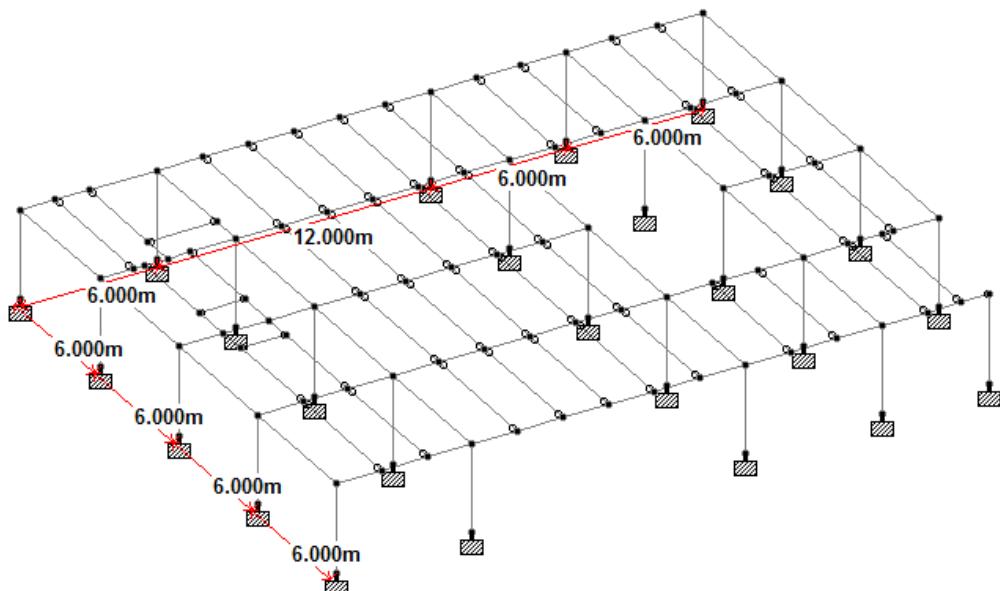
Modelo Estructural CESI como elemento barra.
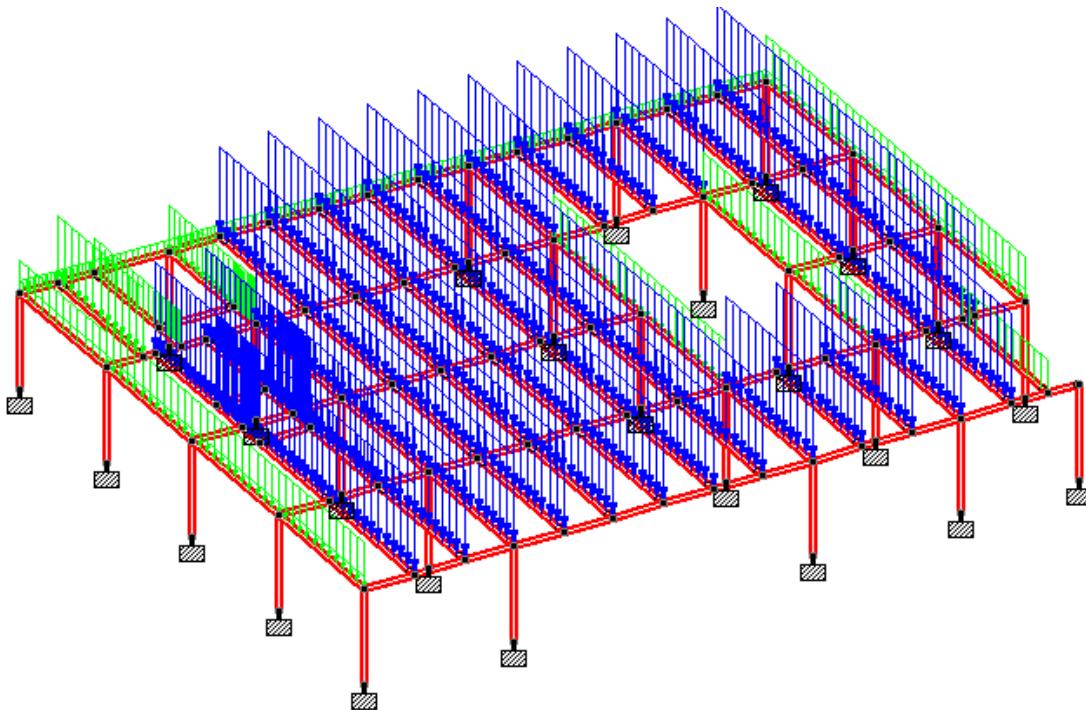
Cargas Muertas en Área de CESI.
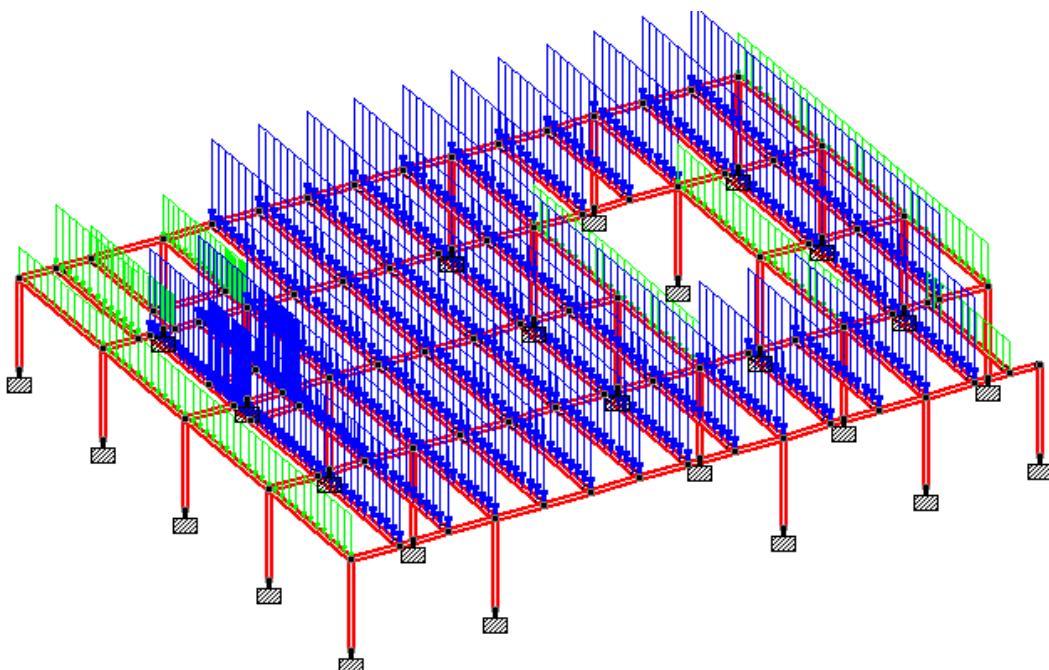
Cargas Vivas en Área de CESI.
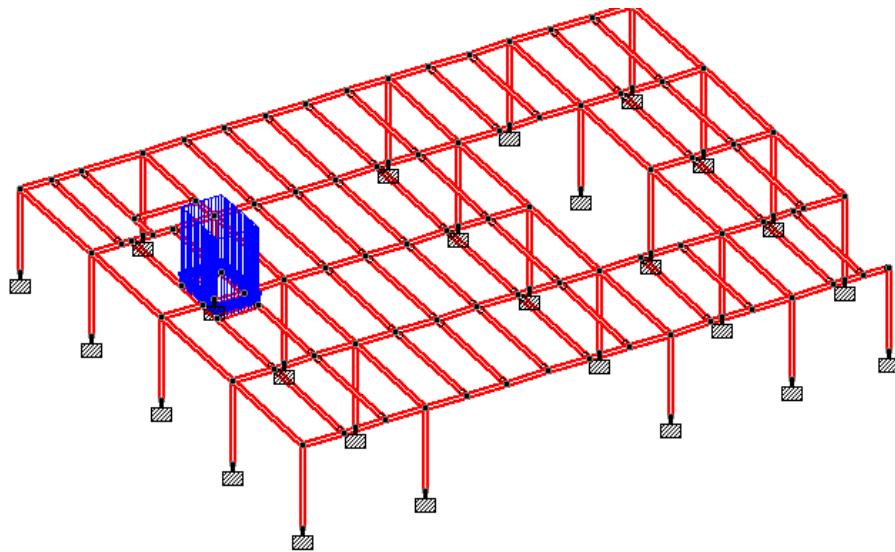
Cargas de Equipo (900kg)
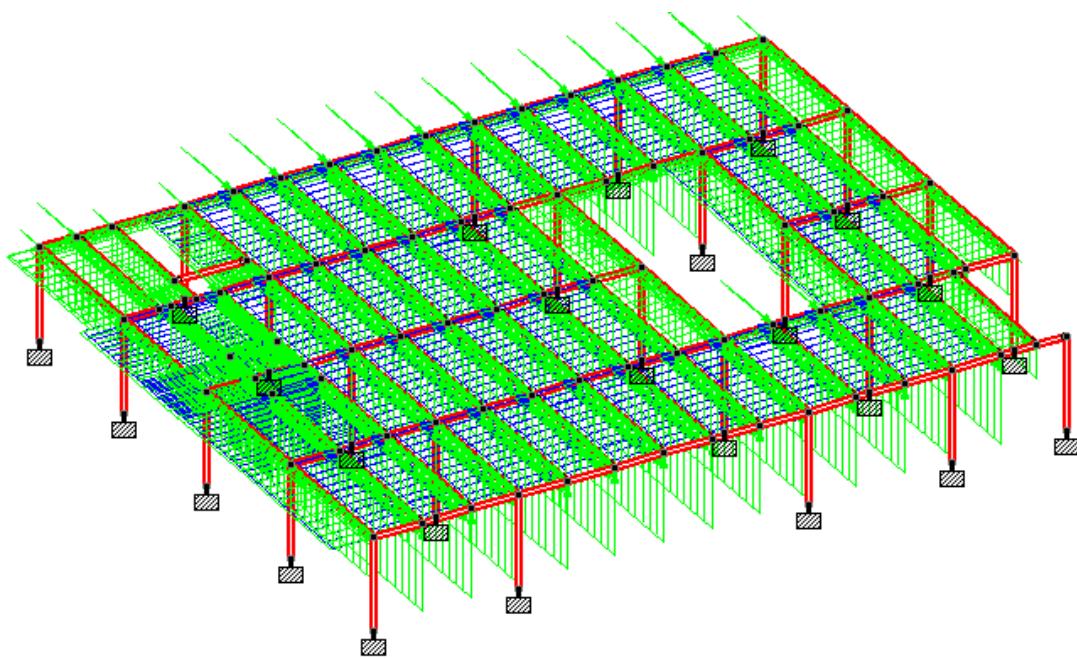
Carga de Sismo en Área de CESI.
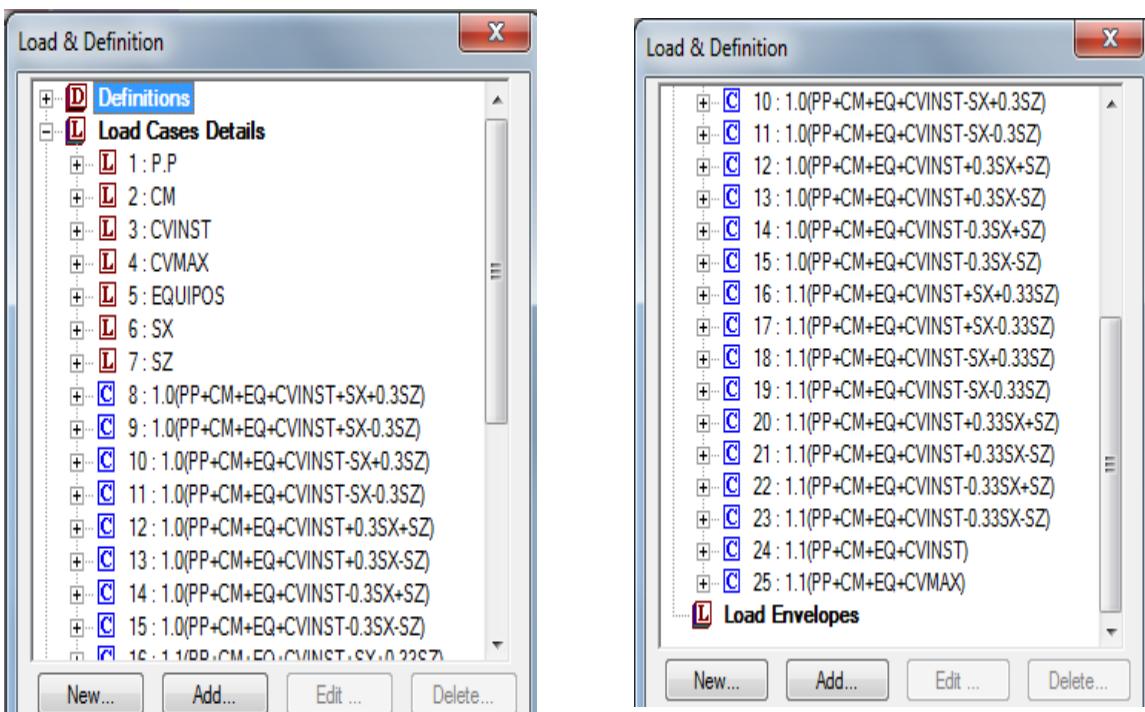
Cargas y combinaciones de carga, para diseño y análisis de la estructura.

8   REVISION DE DESPLAZAMIENTOS.

- AREA DE DELEGACION.

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.
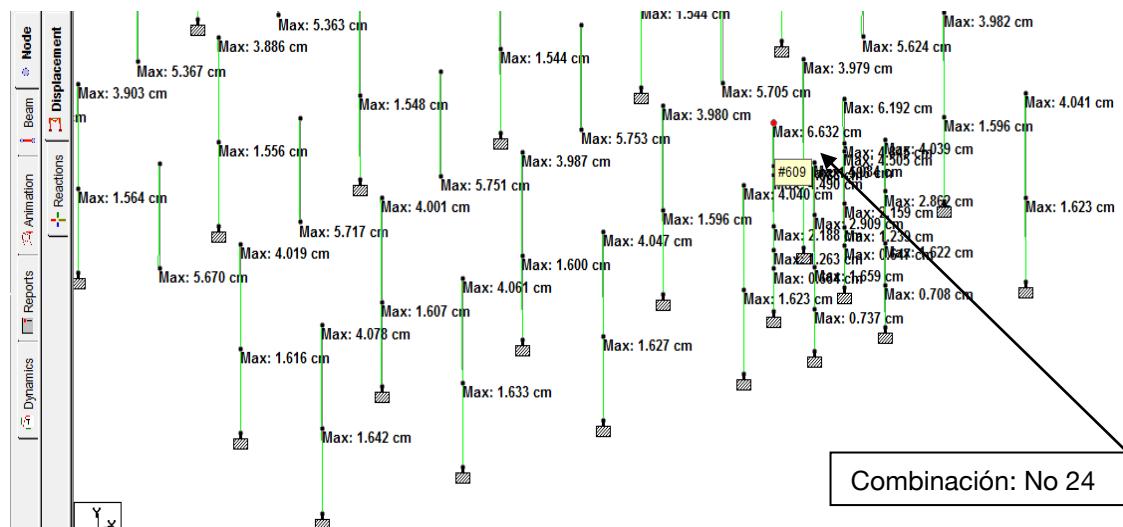
Desplazamiento máximo lateral de columnas.

Node	L/C	X-Trans cm	Y-Trans cm	Z-Trans cm	Absolute cm	X-Rotan rad	Y-Rotan rad	Z-Rotan rad
609	24	-6.547	-0.040	-1.057	6.632	-0.001	-0.001	-0.007
609	21	6.540	-0.007	1.158	6.642	0.001	0.001	0.006
606	24	-6.132	-0.019	-0.858	6.192	0.000	-0.000	-0.007
606	21	6.119	0.004	1.002	6.200	0.000	0.000	0.007
609	23	-5.875	-0.011	0.946	5.951	0.001	-0.001	-0.006
609	22	5.868	-0.037	-0.845	5.929	-0.000	0.001	0.006
606	23	-5.571	0.001	0.817	5.631	0.000	-0.000	-0.007
606	22	5.558	-0.016	-0.674	5.599	0.000	0.000	0.007
111	24	-3.946	-0.034	-0.956	4.061	-0.001	-0.000	-0.003
110	24	-3.946	-0.037	-1.028	4.078	-0.001	-0.000	-0.005
117	24	-3.946	-0.042	-0.860	4.039	-0.001	-0.000	-0.003

Tabla 8.1 Desplazamientos máximos horizontales.

- AREA DE CESI

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.

Desplazamiento máximo lateral de columnas.

Node	L/C	X-Trans cm	Y-Trans cm	Z-Trans cm	Absolute cm	X-Rotan rad	Y-Rotan rad	Z-Rotan rad
40	19	-1.662	-0.044	-0.418	1.714	-0.000	-0.003	-0.003
40	18	-1.640	-0.044	0.317	1.671	0.000	0.003	-0.003
40	16	1.496	-0.041	0.406	1.551	0.000	0.003	-0.000
40	17	1.474	-0.041	-0.329	1.511	-0.000	-0.003	-0.000
40	23	-0.589	-0.043	-1.244	1.377	-0.001	-0.010	-0.002
40	22	-0.516	-0.043	1.205	1.312	0.001	0.010	-0.002
40	20	0.424	-0.042	1.232	1.304	0.001	0.010	-0.001
40	21	0.351	-0.042	-1.217	1.267	-0.001	-0.010	-0.001
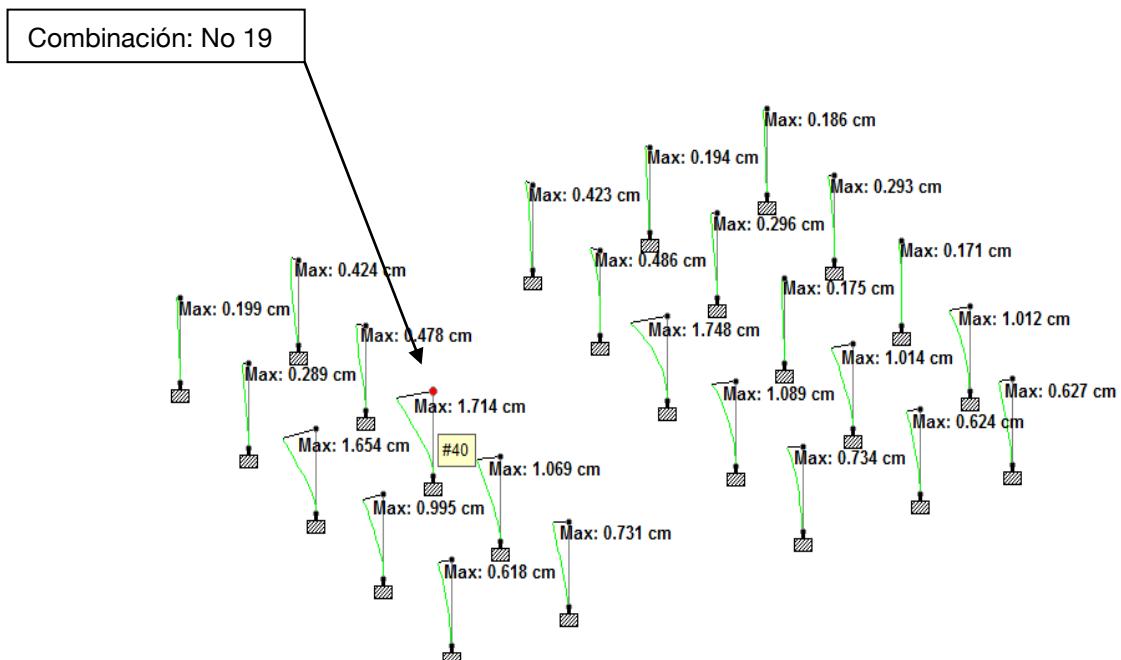
CESI_ACAPULCO_1 - Node Displacement

Tabla 8.2 Desplazamientos máximos horizontales.

- AREA DE DELAGACION

Δ adm = 0.012 x h =   0.012 x 705 cm = **8.46** cm

Δ real = 6.632 cm < Δ adm ; **O.k.**

- AREA DE CESI

Δ adm = 0.012 x h = 0.012 x 375 cm = **4.5** cm

Δ real = 1.71 cm < Δ adm ; **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.

- AREA DE DELEGACION

CESIS_CPLC_005 - Node Displacements:

All \ Summary /

	Node	L/C	Horizontal X cm	Vertical Y cm	Horizontal Z cm	Resultant cm
Min Y	345	20 1.4 (PP+C)	0.070	-2.502	0.032	2.503
Max Z	123	25 1.1 (PP+C)	1.739	-0.095	4.569	4.890
Min Z	123	28 1.1 (PP+C)	-1.752	-0.313	-4.427	4.771
Max rX	144	20 1.4 (PP+C)	-0.009	-0.468	0.097	0.478

Tabla 8.3 Deflexión máxima vertical.

Desplazamiento Vertical

Combinacion de Carga: No 21

Δ adm = (L/240)+ 0.5 =   (600cm/240)+0.5 = **3.00** cm

Δ real = 2.50 cm < Δ adm ; **O.k.**

Beam	Max Disp cm	Location m	L/C	L/Displ	Global X cm	Global Y cm	Global Z cm
56	1.427	3.000	15	420	-1.688	-0.309	-1.128
122	1.419	3.000	15	422	-1.697	-0.290	-1.004
120	1.417	3.000	15	423	-1.749	-0.120	-1.005
119	1.412	2.500	15	424	-1.491	-0.303	-0.998
120	1.412	3.000	12	424	1.620	0.039	1.006
56	1.410	3.000	12	425	1.694	0.135	1.112
121	1.409	2.500	15	425	-1.888	-0.123	-1.007
122	1.401	3.000	12	428	1.675	0.108	0.999
119	1.398	2.500	13	429	-1.404	-0.291	-0.949
121	1.397	2.500	12	429	1.732	0.044	1.005
119	1.393	2.500	12	430	1.464	0.124	1.003
54	1.382	3.000	15	434	-1.684	-0.171	-1.127
119	1.380	2.500	14	434	1.376	0.113	0.954
55	1.376	2.500	15	435	-1.826	-0.163	-1.130

Tabla 8.4 Deflexión máxima vertical.

Desplazamiento Vertical

Combinacion de Carga: No 15

Δ adm = (L/240)+ 0.5 =   (300cm/240)+0.5 = **1.75** cm

Δ real = 1.427 cm < Δ adm ; **O.k.**

9   REVISION DE ESFUERZOS EN ELEMENTOS ESTRUCTURALES
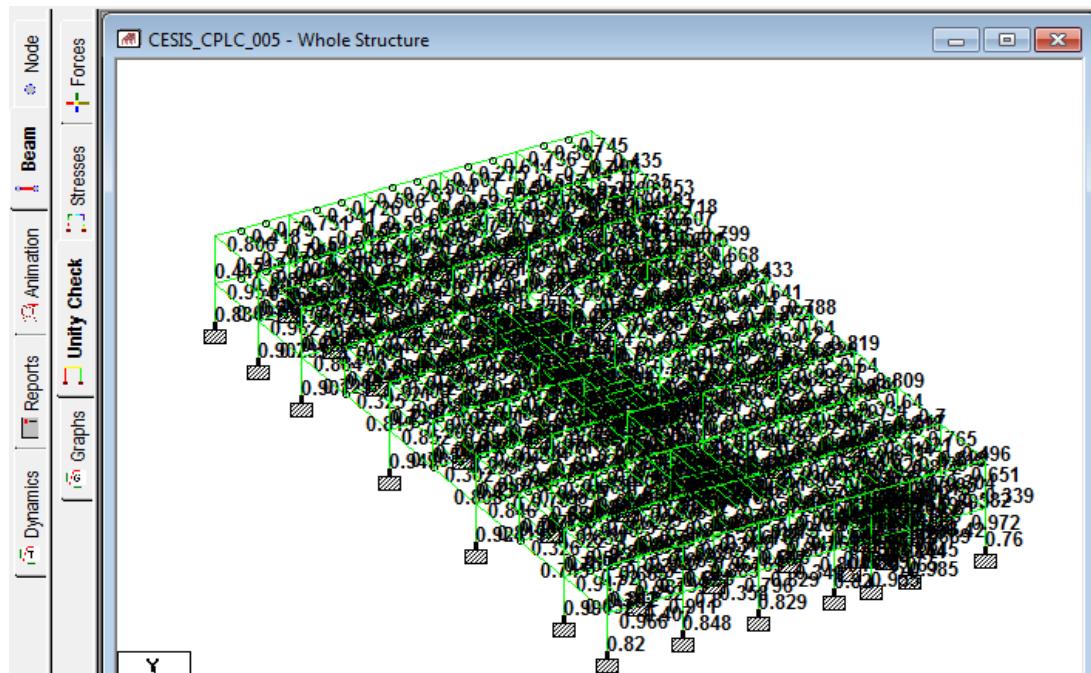
Esfuerzos en columnas y vigas, Área de Delegación.
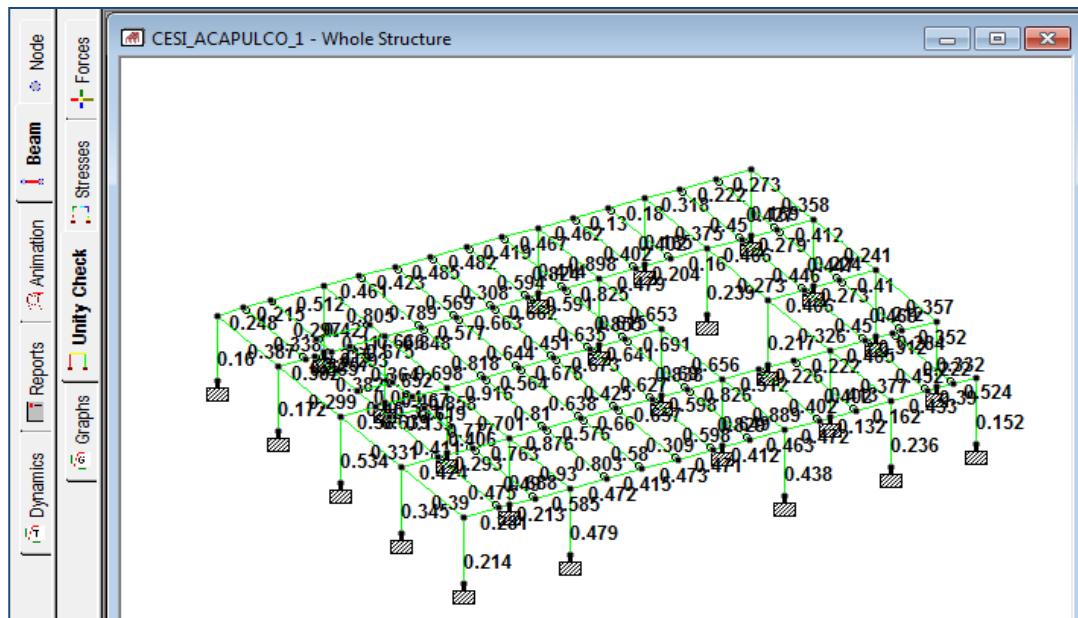
Esfuerzos en columnas y vigas, Área de CESI

10   DISEÑO DE ELEMENTOS ESTRUCTURALES.

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

Diseño de trabes de liga_ Area de Delegación
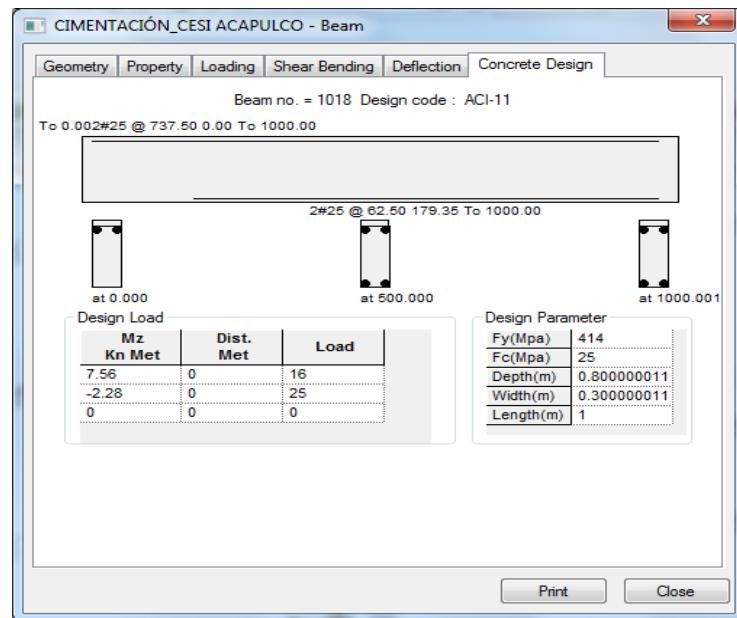
```
         ACI 318-11   BEAM  NO.  1018   DESIGN RESULTS
         ==============================================

LEN -  1000. MM  FY -  414.  FC -  25.  MPA, SIZE -  300. X  800. MMS

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


   1        62.    2 - 25MM        179.         1000.         NO  YES
  |---------------------------------------------------------------|
  |   CRITICAL POS MOMENT=      7.56 KN-MET  AT  1000.MM, LOAD   16|
  |   REQD STEEL=     37.MM2, RHO=0.0002, RHOMX=0.0191 RHOMN=0.0033 |
  |   MAX/MIN/ACTUAL BAR SPACING=   256./   50./  175. MMS        |
  |   REQD. DEVELOPMENT LENGTH =   753. MMS                       |
  |---------------------------------------------------------------|

  Cracked Moment of Inertia Iz at above location =   317955.0 cm^4

   2       738.    2 - 25MM         0.         1000.         YES YES
  |---------------------------------------------------------------|
  |   CRITICAL NEG MOMENT=      2.28 KN-MET  AT    0.MM, LOAD   25|
  |   REQD STEEL=     11.MM2, RHO=0.0001, RHOMX=0.0191 RHOMN=0.0033 |
  |   MAX/MIN/ACTUAL BAR SPACING=   256./   50./  175. MMS        |
  |   REQD. DEVELOPMENT LENGTH =   753. MMS                       |
  |---------------------------------------------------------------|

  Cracked Moment of Inertia Iz at above location =   317955.0 cm^4
```

Área de acero de refuerzo requerida en el momento positivo, obtenido del Staad Pro.

As=3.7 cm^2

Ocupando varilla #8, área de acero necesaria= 3.70cm^2 / 5.07cm^2 = 0.73

Dejamos 2 vars#8 = 10.14cm^2 > 3.70cm^2………………OK

Área de acero de refuerzo requerida en el momento negativo, obtenido del Staad Pro.

As=1.10 cm^2

Ocupando varilla #8, área de acero necesaria= 1.10cm^2 / 5.07cm^2 = 0.216

Dejamos 2 vars#8 = 10.14cm^2 > 1.10cm^2………………OK

Área de acero mínima, según las NTC-Concreto

Asmin= 5.93cm^2

Ocupando varilla #8, área de acero necesaria= 5.93cm^2 / 5.07cm^2 = 1.17

Dejamos 2 vars#8 = 10.14cm^2 > 5.93cm^2………………OK

Diseño de trabes de liga_ Area de Cesi

Área de acero de refuerzo requerida en el momento positivo, obtenido del Staad Pro.

As=3.7 cm^2

Ocupando varilla #8, área de acero necesaria= $3.70cm^2 / 5.07cm^2 = 0.73$

Dejamos 2 vars#8 = $10.14cm^2 > 3.70cm^2$………………OK

Área de acero de refuerzo requerida en el momento negativo, obtenido del Staad Pro.

As=$1.10 cm^2$

Ocupando varilla #8, área de acero necesaria= $1.10cm^2 / 5.07cm^2 = 0.216$

Dejamos 2 vars#8 = $10.14cm^2 > 1.10cm^2$………………OK

Área de acero mínima, según las NTC-Concreto

Asmin= $5.93cm^2$

Ocupando varilla #8, área de acero necesaria= $5.93cm^2 / 5.07cm^2 = 1.17$

Dejamos 2 vars#8 = $10.14cm^2 > 5.93cm^2$………………OK

11 DISEÑO DE CIMENTACIÓN (LOSA DE CIMENTACIÓN).

- AREA DE DELEGACION.

Obtención de las presiónes máximas de contacto del suelo.

De acuerdo al análisis para diseño de la losa de cimentación modelado con el Software Staad Pro, se obtuvo la presión máxima de contacto del suelo.

Node	L/C	Horizontal Px MTon/m2	Vertical Py MTon/m2	Horizontal Pz MTon/m2
825	30 1.0 (PP+C	0.000	4.936	0.000
	31 1.0 (PP+C	0.000	6.197	0.000
	32 1.0 (PP+C	0.000	4.089	0.000
	33 1.0 (PP+C	0.000	5.784	0.000
	34 1.0 (PP+C	0.000	3.675	0.000
	35 1.0 (PP+C	0.000	8.512	0.000
	36 1.0 (PP+C	0.000	1.484	0.000
	37 1.0 (PP+C	0.000	8.388	0.000
	38 1.0 (PP+C	0.000	1.360	0.000

Presión máxima de contacto del suelo.

La presión máxima permisible del suelo, de acuerdo al estudio de Mecánica de Suelos realizado es:

$Q_{Admisible}$= 8.60 Ton/m^2

f_{max} = 8.51 Ton/m^2 < $Q_{admisible}$ = 8.60 Ton/m^2 ………OK!

Obtención del asentamiento máximo permitido.

De acuerdo al estudio de Mecánica de Suelos realizado, se determinó un asentamiento máximo permisible a largo plazo para presiones netas o presiones de contacto del orden de 3.6cm

Se = 0.483cm < Smax = 3.6cm ……..Ok!

Obtención del acero de refuerzo de la losa de cimentación.

Sentido Corto de la planta (Lecho superior)

```
      FY:    413.682 MPA FC:    24.516 MPA COVER (TOP):     50.000 MM
      COVER (BOTTOM):    50.000 MM TH:   250.000 MM
 1735 BOTT: Longitudinal direction  - Only minimum steel required.
 1735 TOP : Transverse direction    - Only minimum steel required.
 1735 BOTT: Transverse direction    - Only minimum steel required.
 1735 TOP :      0.414         29.20 /   21         0.225        13.08 /   21
      BOTT:      0.225         11.55 /   24         0.225         2.15 /   24
```

Acero de refuerzo por Staad = 4.14cm^2/m

As diseño = 4.14cm^2/m

Se usaran varillas # 4 @ 30 cm para armado de lecho superior.

Sentido corto de la planta (Lecho Inferior)

```
      FY:    413.682 MPA FC:    24.516 MPA COVER (TOP):     50.000 MM
      COVER (BOTTOM):    50.000 MM TH:   250.000 MM
 3132 TOP :      0.282         20.02 /   25         0.512        33.50 /   25
      BOTT:      0.283         20.12 /   28         0.504        33.00 /   28
```

Acero de refuerzo por Staad = 2.83cm^2/m

As diseño = 2.83cm^2/m

Se usaran varillas # 3 @ 25 cm para armado de lecho inferior.

Sentido largo de la planta (Lecho Superior)

```
      FY:    413.682 MPA FC:    24.516 MPA COVER (TOP):     50.000 MM
      COVER (BOTTOM):    50.000 MM TH:   250.000 MM
 3132 TOP :      0.282         20.02 /   25         0.512        33.50 /   25
      BOTT:      0.283         20.12 /   28         0.504        33.00 /   28
```

Acero de refuerzo por Staad = 5.12cm^2/m

As diseño = 5.12cm^2/m

Se usaran varillas # 4 @ 20 cm para armado de lecho superior.

<u>Sentido largo de la planta (Lecho Inferior)</u>


```
      FY:    413.682 MPA FC:    24.516 MPA COVER (TOP):    50.000 MM
      COVER (BOTTOM):   50.000 MM TH:    250.000 MM
3132  TOP :    0.282         20.02 /   25        0.512         33.50 /   25
      BOTT:    0.283         20.12 /   28        0.504         33.00 /   28
```


Acero de refuerzo por Staad = 5.04cm^2/m

As diseño = 5.04cm^2/m

Se usaran varillas # 4 @ 25 cm para armado de lecho superior.

En conclusión la losa de cimentación se armara con varillas del # 4 a cada 20 cm en ambos lechos, tanto en el sentido corto como en el sentido largo de la planta.

Revisión por cortante.

Plate (3132) ....SQX = 4.43 Ton/m^2

Plate (3132) ....SQX = 4.24 Ton/m^2

Se toma el esfuerzo cortante mayor en este caso SQY = 4.43 kg/cm^2, combinación de carga # 20, comparando con el esfuerzo cortante resistente se tiene que:

σc = 13.04 kg/cm^2 < σ = 4.43 kg/cm^2 Cumple

- ÁREA DE CESI

Obtención de las presiónes máximas de contacto del suelo.

De acuerdo al análisis para diseño de la losa de cimentación modelado con el Software Staad Pro, se obtuvo la presión máxima de contacto del suelo.

	Node	L/C	Horizontal Fx MTon/m2	Vertical Fy MTon/m2	Horizontal Fz MTon/m2
Max Px	1	1 P.P	0.000	0.000	0.000
Min Px	1	1 P.P	0.000	0.000	0.000
Max Py	548	16 1.1(PP+C	0.000	1.375	0.000
Min Py	1	1 P.P	0.000	0.000	0.000
Max Pz	1	1 P.P	0.000	0.000	0.000
Min Pz	1	1 P.P	0.000	0.000	0.000

CIMENTACIÓN_CESI ACAPULCO - Base Pressure:

Presión máxima de contacto del suelo.

La presión máxima permisible del suelo, de acuerdo al estudio de Mecánica de Suelos realizado es:

$Q_{Admisible}$= 10.2 Ton/m^2

f_{max} = 1.375 Ton/m^2 < $Q_{admisible}$ = 10.2 Ton/m^2 ....OK!

Obtención del asentamiento máximo permitido.

De acuerdo al estudio de Mecánica de Suelos realizado, se determinó un asentamiento máximo permisible a largo plazo para presiones netas o presiones de contacto del orden de 3.6cm

Smax = 3.6cm

CIMENTACIÓN_CESI ACAPULCO - Node Displacement

Node	L/C	X-Trans cm	Y-Trans cm	Z-Trans cm	Absolute cm	X-Rotan rad	Y-Rotan rad	Z-Rotan rad
548	15	0.000	-0.028	0.000	0.028	0.000	0.000	0.000
548	14	0.000	-0.028	0.000	0.028	0.000	0.000	0.000
548	13	0.000	-0.028	0.000	0.028	0.000	0.000	0.000
548	11	0.000	-0.028	0.000	0.028	0.000	0.000	0.000

Se = 0.028cm < Smax = 3.6cm........Ok!

Obtención del acero de refuerzo de la losa de cimentación.

```
ACI 318-11      ELEMENT DESIGN SUMMARY
================================================

ELEMENT    LONG. REINF      MOM-X /LOAD     TRANS. REINF      MOM-Y /LOAD
           (SQ.MM/MM)      (KN-MM/MM)       (SQ.MM/MM)       (KN-MM/MM)

     FY:   413.684 MPA FC:    27.579 MPA COVER (TOP):    25.000 MM
     COVER (BOTTOM):    25.000 MM TH:    200.000 MM
1373 TOP : Longitudinal direction - Only minimum steel required.
1373 BOTT: Longitudinal direction - Only minimum steel required.
1373 TOP : Transverse direction   - Only minimum steel required.
1373 BOTT: Transverse direction   - Only minimum steel required.
1373 TOP :    0.180          0.00 /   25        0.180          0.00 /   25
     BOTT:    0.180          0.81 /   25        0.180          1.09 /   25
```

As en lecho superior = 1.8cm^2/m

As en lecho inferior = 1.8cm^2/m

Revisando por acero mínimo requerido:

$$A_{s,min} = \frac{0.7\sqrt{f_c'}}{f_y}\,b\,d$$

Asmin = 4.74cm^2/m

h= 20cm

r=2.5cm

Por lo tanto proponemos vars #4@20cm, en ambos lechos.

Revisión por cortante.

	Plate	L/C	Shear		Membrane			Bending Moment		
			SQX (local) MTon/m2	SQY (local) MTon/m2	SX (local) MTon/m2	SY (local) MTon/m2	SXY (local) MTon/m2	Mx MTon-m/m	My MTon-m/m	Mxy MTon-m/m
Max Qx	1382	16 1.1(PP+C	**1.436**	-1.715	0.000	0.000	0.000	-0.036	-0.033	0.030
Min Qx	1048	16 1.1(PP+C	-1.372	1.097	0.000	0.000	0.000	-0.075	-0.068	0.005
Max Qy	1373	16 1.1(PP+C	-1.306	**1.513**	0.000	0.000	0.000	-0.082	-0.111	-0.011
Min Qy	1382	16 1.1(PP+C	1.436	**-1.715**	0.000	0.000	0.000	-0.036	-0.033	0.030
Max Sx	261	1 P.P	1.102	1.102	**0.000**	0.000	0.000	-0.057	-0.057	-0.011
Min Sx	261	1 P.P	1.102	1.102	**0.000**	0.000	0.000	-0.057	-0.057	-0.011
Max Sy	261	1 P.P	1.102	1.102	0.000	**0.000**	0.000	-0.057	-0.057	-0.011

CIMENTACIÓN_CESI ACAPULCO - Plate Center Stress:
Shear, Membrane and Bending \ Summary \ Principal and Von Mis \ Summary \ Global Moments \ Com

V$_{maximo}$ = 1.715 Ton/m^2

V$_{Resistente}$= 2.714 Ton/m^2.........OK!

ANEXO 1

AREA DE DELEGACION

EDIFICIO_ACAPULCO

```
     **************************************************
     *                                                *
     *          STAAD.Pro V8i SELECTseries6           *
     *          Version  20.07.11.45                  *
     *          Proprietary Program of                *
     *          Bentley Systems, Inc.                 *
     *          Date=    MAY  2, 2018                  *
     *          Time=    11: 2:48                      *
     *                                                *
     *      USER ID:                                  *
     **************************************************
```

```
     1. STAAD SPACE
INPUT FILE: Y:\MX-1161 INFONAVIT PROYECTOS EJECUTIVOS CESIS\PRODUCCIÓN\Acapulco\ESTRUCTURAS\MODELO DEL.. .STD
     2. START JOB INFORMATION
     3. ENGINEER DATE 22-AUG-17
     4. END JOB INFORMATION
     5. INPUT WIDTH 79
     6. UNIT METER MTON
     7. JOINT COORDINATES
     8. 1 0 3.15 0; 2 0 7.05 0; 3 6 7.05 0; 4 6 3.15 0; 5 12 7.05 0; 6 12 3.15 0
     9. 7 18 7.05 0; 8 18 3.15 0; 9 24 7.05 0; 10 24 3.15 0; 11 30 7.05 0
    10. 12 30 3.15 0; 13 0 3.15 6; 14 0 7.05 6; 15 6 7.05 6; 17 12 7.05 6
    11. 18 12 3.15 6; 19 18 7.05 6; 20 18 3.15 6; 21 24 7.05 6; 23 30 7.05 6
    12. 24 30 3.15 6; 25 0 3.15 12; 26 0 7.05 12; 27 6 7.05 12; 28 6 3.15 12
    13. 29 12 7.05 12; 30 12 3.15 12; 31 18 7.05 12; 32 18 3.15 12; 33 24 7.05 12
    14. 34 24 3.15 12; 35 30 7.05 12; 36 30 3.15 12; 37 0 3.15 18; 38 0 7.05 18
    15. 39 6 7.05 18; 40 6 3.15 18; 41 12 7.05 18; 42 12 3.15 18; 43 18 7.05 18
    16. 44 18 3.15 18; 45 24 7.05 18; 46 24 3.15 18; 47 30 7.05 18; 48 30 3.15 18
    17. 49 0 3.15 24; 50 0 7.05 24; 51 6 7.05 24; 52 6 3.15 24; 53 12 7.05 24
    18. 54 12 3.15 24; 55 18 7.05 24; 56 18 3.15 24; 57 24 7.05 24; 58 24 3.15 24
    19. 59 30 7.05 24; 60 30 3.15 24; 61 0 3.15 30; 62 0 7.05 30; 63 6 7.05 30
    20. 64 6 3.15 30; 65 12 7.05 30; 66 12 3.15 30; 67 18 7.05 30; 68 18 3.15 30
    21. 69 24 7.05 30; 70 24 3.15 30; 71 30 7.05 30; 72 30 3.15 30; 73 0 3.15 36
    22. 74 0 7.05 36; 75 6 7.05 36; 76 6 3.15 36; 77 12 7.05 36; 78 12 3.15 36
    23. 79 18 7.05 36; 80 18 3.15 36; 81 24 7.05 36; 82 24 3.15 36; 83 30 7.05 36
    24. 84 30 3.15 36; 85 0 3.15 42; 86 0 7.05 42; 87 6 7.05 42; 88 6 3.15 42
    25. 89 12 7.05 42; 90 12 3.15 42; 91 18 7.05 42; 92 18 3.15 42; 93 24 7.05 42
    26. 94 24 3.15 42; 95 30 7.05 42; 96 30 3.15 42; 97 0 3.15 48; 98 0 7.05 48
    27. 99 6 7.05 48; 100 6 3.15 48; 101 12 7.05 48; 102 12 3.15 48; 103 18 7.05 48
    28. 104 18 3.15 48; 105 24 7.05 48; 106 24 3.15 48; 107 30 7.05 48; 108 30 3.15 48
    29. 109 0 3.15 54; 110 0 7.05 54; 111 6 7.05 54; 112 6 3.15 54; 113 12 7.05 54
    30. 114 12 3.15 54; 115 18 7.05 54; 116 18 3.15 54; 117 24 7.05 54; 118 24 3.15 54
    31. 119 30 7.05 54; 120 30 3.15 54; 121 12 7.05 33; 122 18 7.05 33; 123 2 7.05 0
    32. 124 4 7.05 0; 125 2 7.05 6; 126 4 7.05 6; 127 8 7.05 0; 128 10 7.05 0
    33. 129 8 7.05 6; 130 10 7.05 6; 131 14 7.05 0; 132 16 7.05 0; 133 14 7.05 6
    34. 134 16 7.05 6; 135 20 7.05 0; 136 22 7.05 0; 137 20 7.05 6; 138 22 7.05 6
    35. 139 26 7.05 0; 140 28 7.05 0; 141 26 7.05 6; 142 28 7.05 6; 143 2 7.05 12
    36. 144 4 7.05 12; 145 8 7.05 12; 146 10 7.05 12; 147 20 7.05 12; 148 22 7.05 12
    37. 149 26 7.05 12; 150 28 7.05 12; 151 2 7.05 18; 152 4 7.05 18; 153 8 7.05 18
    38. 154 10 7.05 18; 155 20 7.05 18; 156 22 7.05 18; 157 26 7.05 18; 158 28 7.05 18
```

```
39. 159 2 7.05 24; 160 4 7.05 24; 161 8 7.05 24; 162 10 7.05 24; 163 20 7.05 24
40. 164 22 7.05 24; 165 26 7.05 24; 166 28 7.05 24; 167 2 7.05 30; 168 4 7.05 30
41. 169 8 7.05 30; 170 10 7.05 30; 171 20 7.05 30; 172 22 7.05 30; 173 26 7.05 30
42. 174 28 7.05 30; 175 2 7.05 36; 176 4 7.05 36; 177 8 7.05 36; 178 10 7.05 36
43. 179 20 7.05 36; 180 22 7.05 36; 181 26 7.05 36; 182 28 7.05 36; 183 2 7.05 42
44. 184 4 7.05 42; 185 8 7.05 42; 186 10 7.05 42; 187 20 7.05 42; 188 22 7.05 42
45. 189 26 7.05 42; 190 28 7.05 42; 191 2 7.05 48; 192 4 7.05 48; 193 8 7.05 48
46. 194 10 7.05 48; 195 14 7.05 42; 196 16 7.05 42; 197 14 7.05 48; 198 16 7.05 48
47. 199 20 7.05 48; 200 22 7.05 48; 201 26 7.05 48; 202 28 7.05 48; 203 2 7.05 54
48. 204 4 7.05 54; 205 8 7.05 54; 206 10 7.05 54; 207 14 7.05 54; 208 16 7.05 54
49. 209 20 7.05 54; 210 22 7.05 54; 211 26 7.05 54; 212 28 7.05 54; 213 6 3.15 6
50. 214 24 3.15 6; 215 14 7.05 12; 216 16 7.05 12; 217 14 7.05 36; 218 16 7.05 36
51. 219 14 7.05 33; 220 16 7.05 33; 281 2 3.15 0; 282 4 3.15 0; 283 2 3.15 6
52. 284 4 3.15 6; 285 8 3.15 0; 286 10 3.15 0; 287 8 3.15 6; 288 10 3.15 6
53. 289 14 3.15 0; 290 16 3.15 0; 291 14 3.15 6; 292 16 3.15 6; 293 20 3.15 0
54. 294 22 3.15 0; 295 20 3.15 6; 296 22 3.15 6; 297 26 3.15 0; 298 28 3.15 0
55. 299 26 3.15 6; 300 28 3.15 6; 301 2 3.15 12; 302 4 3.15 12; 303 8 3.15 12
56. 304 10 3.15 12; 305 20 3.15 12; 306 22 3.15 12; 307 26 3.15 12; 308 28 3.15 12
57. 309 2 3.15 18; 310 4 3.15 18; 311 8 3.15 18; 312 10 3.15 18; 313 20 3.15 18
58. 314 22 3.15 18; 315 26 3.15 18; 316 28 3.15 18; 317 2 3.15 24; 318 4 3.15 24
59. 319 8 3.15 24; 320 10 3.15 24; 321 20 3.15 24; 322 22 3.15 24; 323 26 3.15 24
60. 324 28 3.15 24; 325 2 3.15 30; 326 4 3.15 30; 327 8 3.15 30; 328 10 3.15 30
61. 329 20 3.15 30; 330 22 3.15 30; 331 26 3.15 30; 332 28 3.15 30; 333 2 3.15 36
62. 334 4 3.15 36; 335 8 3.15 36; 336 10 3.15 36; 337 20 3.15 36; 338 22 3.15 36
63. 339 26 3.15 36; 340 28 3.15 36; 341 2 3.15 42; 342 4 3.15 42; 343 8 3.15 42
64. 344 10 3.15 42; 345 20 3.15 42; 346 22 3.15 42; 347 26 3.15 42; 348 28 3.15 42
65. 349 2 3.15 48; 350 4 3.15 48; 351 8 3.15 48; 352 10 3.15 48; 353 14 3.15 42
66. 354 16 3.15 42; 355 14 3.15 48; 356 16 3.15 48; 357 20 3.15 48; 358 22 3.15 48
67. 359 26 3.15 48; 360 28 3.15 48; 361 2 3.15 54; 362 4 3.15 54; 363 8 3.15 54
68. 364 10 3.15 54; 365 14 3.15 54; 366 16 3.15 54; 369 26 3.15 54; 370 28 3.15 54
69. 373 14 3.15 12; 374 16 3.15 12; 375 14 3.15 36; 376 16 3.15 36; 439 0 0 0
70. 440 0 0 6; 441 0 0 12; 442 0 0 24; 443 0 0 36; 444 0 0 48; 445 0 0 54
71. 446 30 0 0; 447 30 0 6; 448 30 0 12; 449 30 0 24; 450 30 0 36; 451 30 0 48
72. 452 30 0 54; 453 6 0 0; 454 12 0 0; 455 18 0 0; 456 24 0 0; 457 6 0 54
73. 458 12 0 54; 459 18 0 54; 460 24 0 54; 461 12 0 6; 462 18 0 6; 463 6 0 12
74. 464 12 0 12; 465 18 0 12; 466 24 0 12; 467 6 0 24; 468 12 0 24; 469 18 0 24
75. 470 24 0 24; 471 6 0 36; 472 12 0 36; 473 18 0 36; 474 24 0 36; 475 6 0 48
76. 476 12 0 48; 477 18 0 48; 478 24 0 48; 479 6 0 6; 480 24 0 6; 481 4.6 7.05 6
77. 482 4.6 7.05 12; 483 4.6 7.05 9; 484 0 7.05 9; 485 25.4 7.05 6
78. 486 25.4 7.05 12; 487 30 7.05 9; 488 25.4 7.05 9; 489 2 7.05 9; 490 28 7.05 9
79. 491 25.4 3.15 6; 492 25.4 3.15 12; 493 30 3.15 9; 494 25.4 3.15 9
80. 495 28 3.15 9; 496 14.911 3.15 27.122; 497 14.999 7.05 27.165; 498 14 3.15 14
81. 499 14 3.15 16; 500 16 3.15 14; 501 16 3.15 16; 502 14 3.15 20; 503 14 3.15 22
82. 504 16 3.15 20; 505 16 3.15 22; 506 14 3.15 26; 507 14 3.15 28; 508 16 3.15 26
83. 509 16 3.15 28; 510 14 3.15 38; 511 14 3.15 40; 512 16 3.15 38; 513 16 3.15 40
84. 514 12 3.15 14; 515 12 3.15 16; 516 18 3.15 14; 517 18 3.15 16; 518 12 3.15 20
85. 519 12 3.15 22; 520 18 3.15 20; 521 18 3.15 22; 522 12 3.15 26; 523 12 3.15 28
86. 524 18 3.15 26; 525 18 3.15 28; 526 12 3.15 38; 527 12 3.15 40; 528 18 3.15 38
87. 529 18 3.15 40; 530 13.5 3.15 12; 531 13.5 3.15 14; 534 13.5 3.15 16
88. 535 13.5 3.15 18; 538 13.5 3.15 20; 540 13.5 3.15 22; 542 13.5 3.15 24
89. 544 13.5 3.15 26; 546 13.5 3.15 28; 548 13.5 3.15 30; 550 13.5 3.15 36
90. 552 13.5 3.15 38; 554 13.5 3.15 40; 556 13.5 3.15 42; 558 12 3.15 33
91. 559 18 3.15 33; 560 14 3.15 33; 561 16 3.15 33; 562 6 3.15 23.5
92. 563 16.5 3.15 12; 564 16.5 3.15 14; 565 15 3.15 12; 566 15 3.15 14
93. 567 15 3.15 18; 568 15 3.15 16; 569 15 3.15 20; 570 16.5 3.15 18
94. 571 16.5 3.15 16; 572 16.5 3.15 20; 573 16.5 3.15 24; 574 16.5 3.15 22
```

```
 95. 575 16.5 3.15 26; 576 15 3.15 24; 577 15 3.15 22; 578 15 3.15 26
 96. 579 16.5 3.15 30; 580 16.5 3.15 28; 581 16.5 3.15 33; 582 15 3.15 30
 97. 583 15 3.15 28; 584 15 3.15 33; 585 13.5 3.15 33; 586 15 3.15 42
 98. 587 15 3.15 36; 588 15 3.15 38; 589 15 3.15 40; 590 16.5 3.15 42
 99. 591 16.5 3.15 36; 592 16.5 3.15 38; 593 16.5 3.15 40; 594 19.5 3.15 48
100. 595 19.5 3.15 54; 596 21 3.15 48; 597 21 3.15 54; 598 21 3.15 51
101. 599 24 3.15 51; 600 22.5 3.15 48; 601 22.5 3.15 51; 602 21 0 54; 603 21 0 51
102. 604 24 0 51; 605 21 7.05 54; 606 24 7.05 51; 607 22 7.05 51; 608 20 7.05 51
103. 609 21 7.05 51; 610 21 5.1 54; 611 21 5.1 51; 612 24 5.1 54; 613 24 5.1 51
104. 614 21 1.575 51; 615 21 1.575 54; 616 24 1.575 54; 617 24 1.575 51
105. 618 21 2.27 51; 619 24 2.27 51; 620 21 5.42 51; 621 24 5.42 51
106. MEMBER INCIDENCES
107. 1 1 2; 2 2 123; 3 3 4; 4 3 127; 5 5 6; 6 5 131; 7 7 8; 8 7 135; 9 9 10
108. 10 9 139; 11 11 12; 12 13 14; 13 14 125; 15 15 129; 16 17 18; 17 17 133
109. 18 19 20; 19 19 137; 21 21 485; 22 23 24; 23 25 26; 24 26 143; 25 27 28
110. 26 27 145; 27 29 30; 29 31 32; 30 31 147; 31 33 34; 32 33 486; 33 35 36
111. 35 38 151; 37 39 153; 41 43 155; 43 45 157; 45 49 50; 46 50 159; 47 51 52
112. 48 51 161; 49 53 54; 51 55 56; 52 55 163; 53 57 58; 54 57 165; 55 59 60
113. 57 62 167; 59 63 169; 63 67 171; 65 69 173; 67 73 74; 68 74 175; 69 75 76
114. 70 75 177; 71 77 78; 72 77 217; 73 79 80; 74 79 179; 75 81 82; 76 81 181
115. 77 83 84; 79 86 183; 81 87 185; 83 89 195; 85 91 187; 87 93 189; 89 97 98
116. 90 98 191; 91 99 100; 92 99 193; 93 101 102; 94 101 197; 95 103 104
117. 96 103 199; 97 105 106; 98 105 201; 99 107 108; 100 109 110; 101 110 203
118. 102 111 112; 103 111 205; 104 113 114; 105 113 207; 106 115 116; 107 115 209
119. 108 117 612; 109 117 211; 110 119 120; 111 2 14; 112 14 484; 113 26 38
120. 114 38 50; 115 50 62; 116 62 74; 117 74 86; 118 86 98; 119 98 110; 120 3 15
121. 121 15 27; 122 27 39; 123 39 51; 124 51 63; 125 63 75; 126 75 87; 127 87 99
122. 128 99 111; 129 5 17; 130 17 29; 131 29 41; 132 41 53; 133 53 65; 134 65 121
123. 135 77 89; 136 89 101; 137 101 113; 138 7 19; 139 19 31; 140 31 43; 141 43 55
124. 142 55 67; 143 67 122; 144 79 91; 145 91 103; 146 103 115; 147 9 21; 148 21 33
125. 149 33 45; 150 45 57; 151 57 69; 152 69 81; 153 81 93; 154 93 105; 155 105 606
126. 156 11 23; 157 23 487; 158 35 47; 159 47 59; 160 59 71; 161 71 83; 162 83 95
127. 163 95 107; 164 107 119; 165 121 77; 166 122 79; 167 121 219; 168 123 124
128. 169 124 3; 170 125 126; 171 126 481; 172 124 126; 173 123 125; 174 127 128
129. 175 128 5; 176 129 130; 177 130 17; 178 128 130; 179 127 129; 180 131 132
130. 181 132 7; 182 133 134; 183 134 19; 184 132 134; 185 131 133; 186 135 136
131. 187 136 9; 188 137 138; 189 138 21; 190 136 138; 191 135 137; 192 139 140
132. 193 140 11; 194 141 142; 195 142 23; 196 140 142; 197 139 141; 198 143 144
133. 199 144 482; 200 481 483; 202 145 146; 203 146 29; 204 130 146; 205 129 145
134. 206 147 148; 207 148 33; 208 138 148; 209 137 147; 210 149 150; 211 150 35
135. 213 485 488; 214 151 152; 215 152 39; 216 153 154; 217 154 41; 218 155 156
136. 219 156 45; 220 157 158; 221 158 47; 222 144 152; 223 143 151; 224 146 154
137. 225 145 153; 226 148 156; 227 147 155; 228 150 158; 229 149 157; 230 159 160
138. 231 160 51; 232 161 162; 233 162 53; 234 163 164; 235 164 57; 236 165 166
139. 237 166 59; 238 152 160; 239 151 159; 240 154 162; 241 153 161; 242 156 164
140. 243 155 163; 244 158 166; 245 157 165; 246 167 168; 247 168 63; 248 169 170
141. 249 170 65; 250 171 172; 251 172 69; 252 173 174; 253 174 71; 254 160 168
142. 255 159 167; 256 162 170; 257 161 169; 258 164 172; 259 163 171; 260 166 174
143. 261 165 173; 262 175 176; 263 176 75; 264 177 178; 265 178 77; 266 179 180
144. 267 180 81; 268 181 182; 269 182 83; 270 168 176; 271 167 175; 272 170 178
145. 273 169 177; 274 172 180; 275 171 179; 276 174 182; 277 173 181; 278 183 184
146. 279 184 87; 280 185 186; 281 186 89; 282 187 188; 283 188 93; 284 189 190
147. 285 190 95; 286 176 184; 287 175 183; 288 178 186; 289 177 185; 290 180 188
148. 291 179 187; 292 182 190; 293 181 189; 294 191 192; 295 192 99; 296 193 194
149. 297 194 101; 298 195 196; 299 196 91; 300 197 198; 301 198 103; 302 199 200
150. 303 200 105; 304 201 202; 305 202 107; 306 184 192; 307 183 191; 308 186 194
```

```
151. 309 185 193; 310 196 198; 311 195 197; 312 188 200; 313 187 199; 314 190 202
152. 315 189 201; 316 203 204; 317 204 111; 318 205 206; 319 206 113; 320 207 208
153. 321 208 115; 322 209 605; 323 210 117; 324 211 212; 325 212 119; 326 192 204
154. 327 191 203; 328 194 206; 329 193 205; 330 198 208; 331 197 207; 332 200 607
155. 333 199 608; 334 202 212; 335 201 211; 336 213 15; 337 21 214; 338 29 215
156. 339 215 216; 340 216 31; 341 134 216; 342 133 215; 343 217 218; 344 218 79
157. 345 219 220; 346 220 122; 347 219 217; 348 220 218; 350 1 281; 351 4 453
158. 352 4 285; 353 6 454; 354 6 289; 355 8 455; 356 8 293; 357 10 456; 358 10 297
159. 359 12 446; 361 13 283; 362 213 287; 363 18 461; 364 18 291; 365 20 462
160. 366 20 295; 367 214 491; 368 24 447; 370 25 301; 371 28 463; 372 28 303
161. 373 30 464; 374 32 465; 375 32 305; 376 34 466; 377 34 492; 378 36 448
162. 380 37 309; 382 40 311; 385 44 313; 387 46 315; 390 49 317; 391 52 467
163. 392 52 319; 393 54 468; 394 56 469; 395 56 321; 396 58 470; 397 58 323
164. 398 60 449; 400 61 325; 402 64 327; 405 68 329; 407 70 331; 410 73 333
165. 411 76 471; 412 76 335; 413 78 472; 414 78 550; 415 80 473; 416 80 337
166. 417 82 474; 418 82 339; 419 84 450; 421 85 341; 423 88 343; 425 90 556
167. 427 92 345; 429 94 347; 432 97 349; 433 100 475; 434 100 351; 435 102 476
168. 436 102 355; 437 104 477; 438 104 594; 439 106 478; 440 106 359; 441 108 451
169. 443 109 361; 444 112 457; 445 112 363; 446 114 458; 447 114 365; 448 116 459
170. 449 116 595; 450 118 616; 451 118 369; 452 120 452; 453 1 13; 454 13 25
171. 455 25 37; 456 37 49; 457 49 61; 458 61 73; 459 73 85; 460 85 97; 461 97 109
172. 462 4 213; 463 213 28; 464 28 40; 465 40 562; 466 52 64; 467 64 76; 468 76 88
173. 469 88 100; 470 100 112; 471 6 18; 472 18 30; 473 30 514; 474 42 518
174. 475 54 522; 477 78 526; 478 90 102; 479 102 114; 480 8 20; 481 20 32
175. 482 32 516; 483 44 520; 484 56 524; 486 80 528; 487 92 104; 488 104 116
176. 489 10 214; 490 214 34; 491 34 46; 492 46 58; 493 58 70; 494 70 82; 495 82 94
177. 496 94 106; 497 106 599; 498 12 24; 499 24 493; 500 36 48; 501 48 60
178. 502 60 72; 503 72 84; 504 84 96; 505 96 108; 506 108 120; 510 281 282
179. 511 282 4; 512 283 284; 513 284 213; 514 282 284; 515 281 283; 516 285 286
180. 517 286 6; 518 287 288; 519 288 18; 520 286 288; 521 285 287; 522 289 290
181. 523 290 8; 524 291 292; 525 292 20; 526 290 292; 527 289 291; 528 293 294
182. 529 294 10; 530 295 296; 531 296 214; 532 294 296; 533 293 295; 534 297 298
183. 535 298 12; 536 299 300; 537 300 24; 538 298 300; 539 297 299; 540 301 302
184. 541 302 28; 542 284 302; 543 283 301; 544 303 304; 545 304 30; 546 288 304
185. 547 287 303; 548 305 306; 549 306 34; 550 296 306; 551 295 305; 552 307 308
186. 553 308 36; 555 491 494; 556 309 310; 557 310 40; 558 311 312; 559 312 42
187. 560 313 314; 561 314 46; 562 315 316; 563 316 48; 564 302 310; 565 301 309
188. 566 304 312; 567 303 311; 568 306 314; 569 305 313; 570 308 316; 571 307 315
189. 572 317 318; 573 318 52; 574 319 320; 575 320 54; 576 321 322; 577 322 58
190. 578 323 324; 579 324 60; 580 310 318; 581 309 317; 582 312 320; 583 311 319
191. 584 314 322; 585 313 321; 586 316 324; 587 315 323; 588 325 326; 589 326 64
192. 590 327 328; 591 328 66; 592 329 330; 593 330 70; 594 331 332; 595 332 72
193. 596 318 326; 597 317 325; 598 320 328; 599 319 327; 600 322 330; 601 321 329
194. 602 324 332; 603 323 331; 604 333 334; 605 334 76; 606 335 336; 607 336 78
195. 608 337 338; 609 338 82; 610 339 340; 611 340 84; 612 326 334; 613 325 333
196. 614 328 336; 615 327 335; 616 330 338; 617 329 337; 618 332 340; 619 331 339
197. 620 341 342; 621 342 88; 622 343 344; 623 344 90; 624 345 346; 625 346 94
198. 626 347 348; 627 348 96; 628 334 342; 629 333 341; 630 336 344; 631 335 343
199. 632 338 346; 633 337 345; 634 340 348; 635 339 347; 636 349 350; 637 350 100
200. 638 351 352; 639 352 102; 640 353 586; 641 354 590; 642 355 356; 643 356 104
201. 644 357 596; 645 358 600; 646 359 360; 647 360 108; 648 342 350; 649 341 349
202. 650 344 352; 651 343 351; 652 354 356; 653 353 355; 654 346 358; 655 345 357
203. 656 348 360; 657 347 359; 658 361 362; 659 362 112; 660 363 364; 661 364 114
204. 662 365 366; 663 366 116; 664 595 597; 665 597 118; 666 369 370; 667 370 120
205. 668 350 362; 669 349 361; 670 352 364; 671 351 363; 672 356 366; 673 355 365
206. 674 596 598; 675 594 595; 676 360 370; 677 359 369; 679 214 480; 680 30 530
```

STAAD SPACE   -- PAGE NO.   5

```
207. 681 373 565; 682 374 563; 683 292 374; 684 291 373; 685 375 587; 686 376 591
208. 691 42 535; 692 535 567; 693 567 570; 694 563 564; 695 565 566; 696 54 542
209. 697 542 576; 698 576 573; 699 570 572; 700 567 569; 701 66 548; 702 548 582
210. 703 582 579; 704 573 575; 705 576 578; 706 66 558; 707 68 559; 708 579 581
211. 709 582 584; 710 591 592; 711 587 588; 1008 439 1; 1009 440 13; 1010 441 25
212. 1011 442 49; 1012 443 73; 1013 444 97; 1014 445 109; 1048 479 213; 1050 37 38
213. 1051 42 41; 1052 44 43; 1053 46 45; 1054 48 47; 1055 61 62; 1057 66 65
214. 1058 68 67; 1059 70 69; 1060 72 71; 1061 85 86; 1062 88 87; 1063 90 89
215. 1064 92 91; 1065 94 93; 1066 96 95; 1202 481 15; 1203 482 27; 1204 483 482
216. 1205 484 26; 1206 484 489; 1207 485 141; 1208 486 149; 1209 487 35
217. 1210 488 486; 1211 488 490; 1212 489 483; 1213 489 143; 1214 490 487
218. 1215 490 150; 1359 491 299; 1360 492 307; 1361 493 36; 1362 494 492
219. 1363 494 495; 1364 495 493; 1365 495 308; 1379 40 39; 1380 64 63; 1381 498 499
220. 1382 568 567; 1383 500 501; 1384 498 566; 1385 571 570; 1386 499 568
221. 1387 502 503; 1388 577 576; 1389 504 505; 1390 574 573; 1391 502 569
222. 1392 503 577; 1393 506 507; 1394 583 582; 1395 508 509; 1396 580 579
223. 1397 506 578; 1398 507 583; 1399 510 511; 1400 589 586; 1401 512 513
224. 1402 593 590; 1403 510 588; 1404 511 589; 1405 514 515; 1406 515 42
225. 1407 514 531; 1408 515 534; 1409 516 517; 1410 500 564; 1411 517 44
226. 1412 501 571; 1413 518 519; 1414 519 54; 1415 518 538; 1416 520 521
227. 1417 504 572; 1418 519 540; 1419 521 56; 1420 505 574; 1421 522 523
228. 1422 523 66; 1423 522 544; 1424 524 525; 1425 508 575; 1426 523 546
229. 1427 525 68; 1428 509 580; 1429 526 527; 1430 527 90; 1431 526 552
230. 1432 527 554; 1433 528 529; 1434 512 592; 1435 529 92; 1436 513 593
231. 1437 530 373; 1438 531 498; 1439 530 531; 1443 534 499; 1447 534 535
232. 1449 538 502; 1451 535 538; 1453 540 503; 1457 540 542; 1459 544 506
233. 1461 542 544; 1463 546 507; 1467 546 548; 1469 550 375; 1471 552 510
234. 1473 550 552; 1475 554 511; 1477 556 353; 1479 554 556; 1481 558 78
235. 1482 559 80; 1483 558 585; 1484 560 584; 1485 561 581; 1486 561 376
236. 1487 560 375; 1488 562 52; 1489 563 32; 1490 564 516; 1491 565 374
237. 1492 566 500; 1494 568 501; 1495 569 504; 1496 570 44; 1497 571 517
238. 1498 572 520; 1499 573 56; 1500 574 521; 1501 575 524; 1503 577 505
239. 1504 578 508; 1505 579 68; 1506 580 525; 1507 581 559; 1509 583 509
240. 1510 584 561; 1511 585 560; 1512 548 585; 1513 586 354; 1514 587 376
241. 1515 588 512; 1516 589 513; 1517 590 92; 1518 591 80; 1519 592 528
242. 1520 593 529; 1521 594 357; 1523 596 358; 1524 598 597; 1525 599 118
243. 1526 598 601; 1527 600 106; 1528 601 599; 1529 600 601; 1530 597 615
244. 1531 598 618; 1532 599 619; 1533 605 210; 1534 597 610; 1535 606 117
245. 1536 599 613; 1537 607 210; 1538 608 209; 1539 608 609; 1540 609 607
246. 1541 598 611; 1542 609 605; 1543 610 605; 1544 611 620; 1545 611 610
247. 1546 612 118; 1547 613 621; 1548 613 612; 1549 610 612; 1550 614 603
248. 1551 615 602; 1552 614 615; 1553 616 460; 1554 615 616; 1555 617 604
249. 1556 617 616; 1557 618 614; 1558 619 617; 1559 618 619; 1560 620 609
250. 1561 621 606; 1562 620 621
251. START GROUP DEFINITION
252. GEOMETRY
253. _PB 350 TO 359 361 TO 368 370 TO 378 390 TO 398 410 TO 419 432 TO 441 443 -
254. 444 TO 475 477 TO 484 486 TO 506 510 TO 513 516 TO 519 522 TO 525 528 TO 531 -
255. 534 TO 537 540 541 544 545 548 549 552 553 572 TO 579 604 TO 611 636 TO 639 -
256. 642 TO 647 658 TO 667 679 TO 682 685 686 696 TO 698 706 707 1008 TO 1014 -
257. 1048 1359 TO 1361 1405 1406 1409 1411 1413 1414 1416 1419 1421 1422 1424 -
258. 1427 1429 1430 1433 1435 1437 1469 1481 1482 1488 1489 1491 1499 1514 1518 -
259. 1521 1523 1525 1527 1530 TO 1532 1550 1551 1553 1555 1557 1558
260. _1N 1 TO 13 15 TO 19 21 TO 27 29 TO 33 35 37 41 43 45 TO 49 51 TO 55 57 59 -
261. 63 65 67 TO 77 79 81 83 85 87 89 TO 166 168 TO 171 174 TO 177 180 TO 183 -
262. 186 TO 189 192 TO 195 198 199 202 203 206 207 210 211 214 TO 221 230 TO 237 -
```

STAAD SPACE   -- PAGE NO.   6

```
263. 246 TO 253 262 TO 269 278 TO 285 294 TO 305 316 TO 325 336 TO 340 343 344 -
264. 1050 TO 1055 1057 TO 1066 1202 1203 1205 1207 TO 1209 1379 1380 1533 1535 -
265. 1546
266. _VS_1N 380 382 385 387 400 402 405 407 421 423 425 427 429 514 515 520 521 -
267. 526 527 532 533 538 539 542 543 546 547 550 551 555 TO 571 580 TO 603 612 -
268. 613 TO 635 640 641 648 TO 657 668 TO 677 683 684 691 TO 695 699 TO 705 708 -
269. 709 TO 711 1362 TO 1365 1381 TO 1404 1407 1408 1410 1412 1415 1417 1418 1420 -
270. 1423 1425 1426 1428 1431 1432 1434 1436 1438 1439 1443 1447 1449 1451 1453 -
271. 1457 1459 1461 1463 1467 1471 1473 1475 1477 1479 1483 TO 1487 1490 1492 -
272. 1494 TO 1498 1500 1501 1503 TO 1507 1509 TO 1513 1515 TO 1517 1519 1520 1524 -
273. 1529
274. _VS_AZ 167 172 173 178 179 184 185 190 191 196 197 200 204 205 208 209 213 -
275. 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 306 TO 315 -
276. 326 TO 335 341 342 345 TO 348 1204 1206 1210 TO 1215 1537 1538
277. _VP_1N 350 352 354 356 358 361 362 364 366 367 370 372 375 377 390 392 395 -
278. 397 410 412 414 416 418 432 434 436 438 440 443 445 447 449 451 453 TO 475 -
279. 477 TO 484 486 TO 506 510 TO 513 516 TO 519 522 TO 525 528 TO 531 -
280. 534 TO 537 540 541 544 545 548 549 552 553 572 TO 579 604 TO 611 636 TO 639 -
281. 642 TO 647 658 TO 667 680 TO 682 685 686 696 TO 698 706 707 1359 TO 1361 -
282. 1405 1406 1409 1411 1413 1414 1416 1419 1421 1422 1424 1427 1429 1430 1433 -
283. 1435 1437 1469 1481 1482 1488 1489 1491 1499 1514 1518 1521 1523 1525 1527 -
284. _VP_AZ 2 4 6 8 10 13 15 17 19 21 24 26 30 32 35 37 41 43 46 48 52 54 57 59 -
285. 63 65 68 70 72 74 76 79 81 83 85 87 90 92 94 96 98 101 103 105 107 109 111 -
286. 112 TO 166 168 TO 171 174 TO 177 180 TO 183 186 TO 189 192 TO 195 198 199 -
287. 202 203 206 207 210 211 214 TO 221 230 TO 237 246 TO 253 262 TO 269 -
288. 278 TO 285 294 TO 305 316 TO 325 338 TO 340 343 344 1202 1203 1205 -
289. 1207 TO 1209 1533 1535
290. _COL 1 3 5 7 9 11 12 16 18 22 23 25 27 29 31 33 45 47 49 51 53 55 67 69 71 -
291. 73 75 77 89 91 93 95 97 99 100 102 104 106 108 110 336 337 351 353 355 357 -
292. 359 363 365 368 371 373 374 376 378 391 393 394 396 398 411 413 415 417 419 -
293. 433 435 437 439 441 444 446 448 450 452 679 1008 TO 1014 1048 1050 TO 1055 -
294. 1057 TO 1066 1379 1380 1530 TO 1532 1546 1550 1551 1553 1555 1557 1558
295. END GROUP DEFINITION
296. MEMBER RELEASE
297. 172 173 178 179 184 185 190 191 196 197 200 204 205 208 209 213 222 TO 229 -
298. 238 TO 245 254 TO 261 270 TO 277 286 TO 293 306 TO 315 326 TO 335 341 342 -
299. 347 348 514 515 520 521 526 527 532 533 538 539 542 543 546 547 550 551 555 -
300. 564 TO 571 580 TO 587 596 TO 603 612 TO 619 628 TO 635 648 TO 657 -
301. 668 TO 677 683 684 694 695 699 700 704 705 708 TO 711 1213 1215 1365 1381 -
302. 1382 TO 1383 1385 1387 TO 1390 1393 TO 1396 1399 TO 1402 1439 1447 1451 1457 -
303. 1461 1467 1473 1479 1486 1487 1512 1529 1542 START MX MY
304. 167 380 382 385 387 400 402 405 407 421 423 425 427 429 691 701 1206 1211 -
305. 1363 1407 1408 1415 1418 1423 1426 1431 1432 1483 1526 1539 1549 1554 1559 -
306. 1562 START MY MZ
307. 346 557 559 561 563 589 591 593 595 621 623 625 627 1212 1214 1364 1507 1528 -
308. 1540 1549 1554 1559 1562 END MY MZ
309. 172 173 178 179 184 185 190 191 196 197 204 205 208 209 222 TO 229 -
310. 238 TO 245 254 TO 261 270 TO 277 286 TO 293 306 TO 315 326 TO 331 334 335 -
311. 341 342 347 348 514 515 520 521 526 527 532 533 538 539 542 543 546 547 550 -
312. 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 628 TO 635 648 TO 657 668 -
313. 669 TO 673 675 TO 677 683 684 694 695 699 700 704 705 708 TO 711 1204 1210 -
314. 1213 1215 1362 1365 1381 TO 1383 1385 1387 TO 1390 1393 TO 1396 1399 TO 1402 -
315. 1439 1447 1451 1457 1461 1467 1473 1479 1486 1487 1512 1524 1529 1537 1538 -
316. 1542 END MX MY
317. DEFINE MATERIAL START
318. ISOTROPIC STEEL
```

```
319. E 2.09042E+007
320. POISSON 0.3
321. DENSITY 7.83341
322. ALPHA 1.2E-005
323. DAMP 0.03
324. TYPE STEEL
325. STRENGTH FY 25819.2 FU 41584 RY 1.5 RT 1.2
326. ISOTROPIC CONCRETE
327. E 2.21467E+006
328. POISSON 0.17
329. DENSITY 2.40262
330. ALPHA 1E-005
331. DAMP 0.05
332. TYPE CONCRETE
333. STRENGTH FCU 2812.28
334. ISOTROPIC LOSACERO
335. E 2.21467E+006
336. POISSON 0.17
337. ALPHA 1E-005
338. DAMP 0.05
339. TYPE CONCRETE
340. STRENGTH FCU 2812.28
341. END DEFINE MATERIAL
342. MEMBER PROPERTY AMERICAN
343. 1 3 5 7 9 11 12 16 18 22 23 33 45 49 51 55 67 77 89 99 100 102 104 106 108 -
344. 110 336 337 351 353 355 357 359 363 365 368 378 393 394 398 419 441 444 446 -
345. 448 450 452 679 1008 TO 1014 1048 1546 1553 TABLE ST W14X90
346. 350 352 354 356 358 364 380 382 385 387 400 402 405 407 421 423 425 427 429 -
347. 443 445 447 449 451 510 511 516 517 522 TO 525 528 529 534 535 556 TO 563 -
348. 588 TO 595 620 TO 627 640 641 658 TO 667 691 TO 693 701 TO 703 1477 1496 -
349. 1505 1513 1517 TABLE ST W21X50
350. 461 463 470 472 479 481 488 490 497 506 1525 TABLE ST W21X62
351. 580 TO 587 596 TO 603 612 TO 619 628 TO 635 TABLE ST W16X45
352. 167 172 173 178 179 184 185 190 191 196 197 200 204 205 208 209 213 -
353. 222 TO 229 239 244 255 260 271 276 287 292 306 TO 315 326 TO 335 341 342 -
354. 345 TO 348 1204 1206 1210 TO 1215 1537 TO 1540 1542 1545 1548 1549 1552 1554 -
355. 1556 1559 1562 TABLE ST W14X30
356. 2 4 6 8 10 13 15 19 21 24 26 30 32 68 70 72 74 76 79 81 83 85 87 101 103 105 -
357. 107 109 168 TO 171 174 TO 177 180 181 186 TO 189 192 TO 195 198 199 202 203 -
358. 206 207 210 211 262 TO 269 278 TO 285 298 299 316 TO 325 338 TO 340 343 344 -
359. 1202 1203 1207 1208 1533 TABLE ST W16X45
360. 361 362 366 367 370 372 375 377 512 513 518 519 530 531 536 537 540 541 544 -
361. 545 548 549 552 553 680 TO 682 1359 1360 1437 1489 1491 TABLE ST W21X62
362. 514 515 520 521 526 527 532 533 538 539 542 543 546 547 550 551 555 -
363. 564 TO 571 648 TO 657 668 TO 677 683 684 1362 TO 1365 1486 1487 1524 1526 -
364. 1528 1529 TABLE ST W16X36
365. 111 TO 113 115 TO 121 128 TO 130 134 137 TO 139 143 146 TO 148 155 TO 158 -
366. 160 TO 166 1205 1209 1535 TABLE ST W16X45
367. 455 TO 460 464 TO 467 469 473 474 478 482 483 487 491 493 494 496 500 TO 505 -
368. 706 707 1405 1406 1409 1411 1413 1416 1421 1422 1424 1427 1429 1430 1433 -
369. 1435 1481 1482 TABLE ST W24X104
370. 1050 TO 1055 1057 TO 1066 1379 1380 TABLE ST W14X90
371. 238 240 TO 243 245 254 256 TO 259 261 270 272 TO 275 277 286 288 TO 291 293 -
372. 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 1402 -
373. 1439 1447 1451 1457 1461 1467 1473 1479 1512 TABLE ST W14X34
374. 17 35 37 41 43 46 48 52 54 57 59 63 65 90 92 94 96 98 182 183 214 TO 221 230 -
```

```
375. 231 TO 237 246 TO 253 294 TO 297 300 TO 305 TABLE ST W16X67
376. 453 454 462 471 480 489 498 499 1361 TABLE ST W21X62
377. 1381 1383 1387 1389 1393 1395 1399 1401 TABLE ST W8X35
378. 390 392 395 397 410 412 414 416 418 434 436 440 572 TO 579 604 TO 611 636 -
379. 638 642 TO 644 646 647 685 686 696 TO 698 1469 1499 1514 1518 -
380. 1523 TABLE ST W21X73
381. 114 122 TO 127 131 TO 133 135 136 140 TO 142 144 145 149 TO 154 -
382. 159 TABLE ST W16X67
383. 1384 1386 1391 1392 1397 1398 1403 1404 1407 1408 1410 1412 1415 1417 1418 -
384. 1420 1423 1425 1426 1428 1431 1432 1434 1436 1438 1443 1449 1453 1459 1463 -
385. 1471 1475 1483 TO 1485 1490 1492 1494 1495 1497 1498 1500 1501 1503 1504 -
386. 1506 1507 1509 TO 1511 1515 1516 1519 1520 TABLE ST W18X46
387. 25 27 29 31 47 53 69 71 73 75 91 93 95 97 371 373 374 376 391 396 411 413 -
388. 415 417 433 435 437 439 TABLE ST W14X132
389. 468 475 477 484 486 492 495 1414 1419 1488 TABLE TC W24X104 WP 0.28 TH 0.019
390. 432 438 637 639 645 1521 1527 TABLE TC W21X73 WP 0.2 TH 0.01
391. 1530 TO 1532 1534 1536 1541 1543 1544 1547 1550 1551 1555 1557 1558 1560 -
392. 1561 TABLE ST HSST8X8X0.625
393. CONSTANTS
394. BETA 90 MEMB 23 25 27 29 31 33 45 47 49 51 53 55 67 69 71 73 75 77 371 373 -
395. 374 376 378 391 393 394 396 398 411 413 415 417 419 1010 TO 1012
396. MATERIAL STEEL ALL
397. SUPPORTS
398. 439 TO 480 602 TO 604 FIXED
399. SLAVE ZX MASTER 496 JOINT 1 4 6 8 10 12 13 18 20 24 25 28 30 32 34 36 49 52 -
```
**WARNING- JOINT NO.   496 NOT CONNECTED. OK, IF PART OF MASTER/SLAVE.
**WARNING- JOINT NO.   497 NOT CONNECTED. OK, IF PART OF MASTER/SLAVE.
```
400. 54 56 58 60 73 76 78 80 82 84 97 100 102 104 106 108 109 112 114 116 118 -
401. 120 213 214
402. SLAVE ZX MASTER 497 JOINT 2 3 5 7 9 11 14 15 17 19 21 23 26 27 29 31 33 35 -
403. 38 39 41 43 45 47 50 51 53 55 57 59 62 63 65 67 69 71 74 75 77 79 81 83 86 -
404. 87 89 91 93 95 98 99 101 103 105 107 110 111 113 115 117 119
405. CUT OFF MODE SHAPE 35
406. *DEFINE REFERENCE LOADS
407. *LOAD R1 LOADTYPE MASS  TITLE REF LOAD CASE 1
408. *SELFWEIGHT Y -1
409. ***********
410. *MEMBER LOAD
411. *111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
412. *1209 UNI GY -0.47
413. *120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
414. *197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
415. *306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 UNI GY -0.94
416. *453 TO 461 498 500 TO 506 555 1361 UNI GY -0.4
417. *462 TO 475 477 TO 484 486 TO 497 514 515 520 521 526 527 532 533 538 539 542 -
418. *543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 628 TO 635 -
419. *648 TO 657 668 TO 677 683 684 694 695 699 700 704 TO 711 1362 -
420. *1365 UNI GY -0.8
421. *************
422. *111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
423. *1209 UNI GY -0.07
424. *120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
425. *197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
426. *306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 UNI GY -0.14
427. *453 TO 461 498 TO 506 1361 UNI GY -0.18
428. *462 TO 475 477 TO 484 486 TO 497 514 515 520 521 526 527 532 533 538 539 542 -
```

```
429. *543 546 547 550 551 555 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
430. *628 TO 635 648 TO 657 668 TO 677 683 684 694 695 699 700 704 TO 711 -
431. *1362 UNI GY -0.36
432. ***************
433. *MEMBER LOAD
434. *130 204 208 209 CON GY -0.35 2.5 0
435. *342 UNI GY -0.69
436. *130 UNI GY -0.17
437. *341 UNI GY -0.87
438. *END DEFINE REFERENCE LOADS
439. *FLOOR DIAPHRAGM
440. *DIA 1 TYPE RIG HEI 3
441. *DIA 2 TYPE RIG HEI 6.9
442. LOAD 1 LOADTYPE DEAD  TITLE PP
443. SELFWEIGHT Y -1
444. MEMBER LOAD
445. 2 4 6 8 10 83 101 103 105 107 109 111 TO 119 156 TO 164 168 169 174 175 180 -
446. 181 186 187 192 193 298 299 316 TO 325 338 TO 340 350 352 354 356 358 443 -
447. 445 447 449 451 453 TO 461 498 TO 506 510 511 516 517 522 523 528 529 534 -
448. 535 658 TO 667 1205 1209 1361 1533 UNI GY -0.102
449. 131 TO 134 140 TO 143 UNI GY -0.135
450. LOAD 2 LOADTYPE DEAD  TITLE CM
451. MEMBER LOAD
452. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
453. 1209 UNI GY -0.47
454. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
455. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
456. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
457. 1538 UNI GY -0.94
458. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
459. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
460. 1500 1501 1506 1519 1520 1525 UNI GY -0.4
461. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
462. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
463. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
464. 1487 TO 1488 UNI GY -0.8
465. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
466. 1430 1435 1524 UNI GY -0.3
467. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
468. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GY -0.6
469. LOAD 3 LOADTYPE LIVE  TITLE CV MAX
470. MEMBER LOAD
471. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
472. 1209 UNI GY -0.1
473. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
474. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
475. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
476. 1538 UNI GY -0.2
477. 453 TO 461 473 TO 475 477 482 TO 484 486 497 498 500 TO 506 555 706 707 1361 -
478. 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 1500 -
479. 1501 1506 1519 1520 1525 UNI GY -0.25
480. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
481. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
482. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
483. 1487 TO 1488 UNI GY -0.5
484. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
```

STAAD SPACE   -- PAGE NO.   10

```
485. 1430 1435 1524 UNI GY -0.19
486. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
487. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GY -0.38
488. LOAD 4 LOADTYPE LIVE   TITLE CV INST
489. MEMBER LOAD
490. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
491. 1209 UNI GY -0.07
492. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
493. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
494. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
495. 1538 UNI GY -0.14
496. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
497. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
498. 1500 1501 1506 1519 1520 1525 UNI GY -0.18
499. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
500. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
501. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
502. 1487 TO 1488 1529 UNI GY -0.36
503. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
504. 1430 1435 1524 UNI GY -0.14
505. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
506. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GY -0.27
507. LOAD 5 LOADTYPE LIVE   TITLE CV MEDIA
508. MEMBER LOAD
509. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
510. 1209 UNI GY -0.015
511. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
512. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
513. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
514. 1538 UNI GY -0.03
515. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
516. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
517. 1500 1501 1506 1519 1520 1525 UNI GY -0.1
518. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
519. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
520. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
521. 1487 TO 1488 UNI GY -0.2
522. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
523. 1430 1435 1524 UNI GY -0.075
524. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
525. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GY -0.15
526. LOAD 6 LOADTYPE DEAD  TITLE EQUIPOS
527. MEMBER LOAD
528. 204 205 208 209 CON GY -0.215 2 0
529. 241 CON GY -1.8 3
530. MEMBER LOAD
531. 215 231 UNI GY -1 0.65 2
532. 123 CON GY -2.43 3
533. 216 232 UNI GY -1 0 0.65
534. 665 1524 1525 1545 1548 1549 1552 1554 1556 CON GY -0.85 1.5
535. JOINT LOAD
536. 129 130 137 138 FY -0.215
537. MEMBER LOAD
538. 37 48 UNI GY -1.
539. LOAD 7 LOADTYPE NONE  TITLE ARRIATES
540. MEMBER LOAD
```

```
    STAAD SPACE                                           -- PAGE NO.   11


541. 1381 1383 1387 1389 1393 1395 1399 1401 UNI GY -1.8
542. 1381 1383 1387 1389 1393 1395 1399 1401 CON GY -0.75 1
543. LOAD 8 LOADTYPE SEISMIC  TITLE SISMO EN X
544. ************ PP **************
545. SELFWEIGHT X 1
546. SELFWEIGHT Y 1
547. SELFWEIGHT Z 1
548. MEMBER LOAD
549. 2 4 6 8 10 83 101 103 105 107 109 111 TO 119 156 TO 164 168 169 174 175 180 -
550. 181 186 187 192 193 298 299 316 TO 325 338 TO 340 350 352 354 356 358 443 -
551. 445 447 449 451 453 TO 461 498 TO 506 510 511 516 517 522 523 528 529 534 -
552. 535 658 TO 667 1205 1209 1361 1533 UNI GX 0.102
553. 131 TO 134 140 TO 143 UNI GX 0.135
554. MEMBER LOAD
555. 2 4 6 8 10 83 101 103 105 107 109 111 TO 119 156 TO 164 168 169 174 175 180 -
556. 181 186 187 192 193 298 299 316 TO 325 338 TO 340 350 352 354 356 358 443 -
557. 445 447 449 451 453 TO 461 498 TO 506 510 511 516 517 522 523 528 529 534 -
558. 535 658 TO 667 1205 1209 1361 1533 UNI GY 0.102
559. 131 TO 134 140 TO 143 UNI GY 0.135
560. MEMBER LOAD
561. 2 4 6 8 10 83 101 103 105 107 109 111 TO 119 156 TO 164 168 169 174 175 180 -
562. 181 186 187 192 193 298 299 316 TO 325 338 TO 340 350 352 354 356 358 443 -
563. 445 447 449 451 453 TO 461 498 TO 506 510 511 516 517 522 523 528 529 534 -
564. 535 658 TO 667 1205 1209 1361 1533 UNI GZ 0.102
565. 131 TO 134 140 TO 143 UNI GZ 0.135
566. ********** CM *************
567. MEMBER LOAD
568. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
569. 1209 UNI GX 0.47
570. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
571. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
572. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
573. 1538 UNI GX 0.94
574. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
575. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
576. 1500 1501 1506 1519 1520 1525 UNI GX 0.4
577. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
578. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
579. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
580. 1487 TO 1488 UNI GX 0.8
581. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
582. 1430 1435 1524 UNI GX 0.3
583. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
584. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GX 0.6
585. MEMBER LOAD
586. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
587. 1209 UNI GY 0.47
588. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
589. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
590. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
591. 1538 UNI GY 0.94
592. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
593. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
594. 1500 1501 1506 1519 1520 1525 UNI GY 0.4
595. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
596. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
```

```
597. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
598. 1487 TO 1488 UNI GY 0.8
599. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
600. 1430 1435 1524 UNI GY 0.3
601. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
602. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GY 0.6
603. MEMBER LOAD
604. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
605. 1209 UNI GZ 0.47
606. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
607. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
608. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
609. 1538 UNI GZ 0.94
610. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
611. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
612. 1500 1501 1506 1519 1520 1525 UNI GZ 0.4
613. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
614. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
615. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
616. 1487 TO 1488 UNI GZ 0.8
617. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
618. 1430 1435 1524 UNI GZ 0.3
619. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
620. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GZ 0.6
621. ************** CV INST *******
622. MEMBER LOAD
623. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
624. 1209 UNI GX 0.07
625. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
626. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
627. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
628. 1538 UNI GX 0.14
629. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
630. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
631. 1500 1501 1506 1519 1520 1525 UNI GX 0.18
632. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
633. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
634. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
635. 1487 TO 1488 1529 UNI GX 0.36
636. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
637. 1430 1435 1524 UNI GX 0.14
638. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
639. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GX 0.27
640. MEMBER LOAD
641. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
642. 1209 UNI GY 0.07
643. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
644. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
645. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
646. 1538 UNI GY 0.14
647. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
648. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
649. 1500 1501 1506 1519 1520 1525 UNI GY 0.18
650. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
651. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
652. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
```

STAAD SPACE   -- PAGE NO.   13

```
653. 1487 TO 1488 1529 UNI GY 0.36
654. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
655. 1430 1435 1524 UNI GY 0.14
656. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
657. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GY 0.27
658. MEMBER LOAD
659. 111 113 TO 119 131 TO 135 140 TO 144 156 158 TO 164 200 213 1205 -
660. 1209 UNI GZ 0.07
661. 120 TO 130 136 TO 139 145 TO 155 165 166 172 173 178 179 184 185 190 191 196 -
662. 197 204 205 208 209 222 TO 229 238 TO 245 254 TO 261 270 TO 277 286 TO 293 -
663. 306 TO 315 326 TO 335 341 342 347 348 1204 1210 1213 1215 1535 1537 -
664. 1538 UNI GZ 0.14
665. 453 TO 461 473 TO 475 477 482 TO 484 486 488 497 498 500 TO 506 555 706 707 -
666. 1361 1405 TO 1436 1438 1443 1449 1453 1459 1463 1471 1475 1490 1497 1498 -
667. 1500 1501 1506 1519 1520 1525 UNI GZ 0.18
668. 462 TO 472 478 TO 481 487 489 TO 496 514 515 520 521 526 527 532 533 538 539 -
669. 542 543 546 547 550 551 564 TO 571 580 TO 587 596 TO 603 612 TO 619 -
670. 628 TO 635 648 TO 657 668 TO 673 676 677 683 684 1362 1365 1481 1482 1486 -
671. 1487 TO 1488 1529 UNI GZ 0.36
672. 473 TO 475 477 482 TO 484 486 488 497 706 707 1406 1411 1414 1419 1422 1427 -
673. 1430 1435 1524 UNI GZ 0.14
674. 674 675 694 695 699 700 704 705 708 TO 711 1382 1385 1388 1390 1394 1396 1400 -
675. 1402 1439 1447 1451 1457 1461 1467 1473 1479 1512 1529 UNI GZ 0.27
676. *********** EQUIPOS**********
677. MEMBER LOAD
678. 204 205 208 209 CON GX 0.215 2 0
679. 241 CON GX 1.8 3
680. MEMBER LOAD
681. 215 231 UNI GX 1 0.65 2
682. 123 CON GX 2.43 3
683. 216 232 UNI GX 1 0 0.65
684. 665 1524 1525 1545 1548 1549 1552 1554 1556 CON GX 0.85 1.5
685. JOINT LOAD
686. 129 130 137 138 FX 0.215
687. MEMBER LOAD
688. 37 48 UNI GX 1
689. MEMBER LOAD
690. 204 205 208 209 CON GY 0.215 2 0
691. 241 CON GY 1.8 3
692. MEMBER LOAD
693. 215 231 UNI GY 1 0.65 2
694. 123 CON GY 2.43 3
695. 216 232 UNI GY 1 0 0.65
696. 665 1524 1525 1545 1548 1549 1552 1554 1556 CON GY 0.85 1.5
697. JOINT LOAD
698. 129 130 137 138 FY 0.215
699. MEMBER LOAD
700. 37 48 UNI GY 1
701. MEMBER LOAD
702. 204 205 208 209 CON GZ 0.215 2 0
703. 241 CON GZ 1.8 3
704. MEMBER LOAD
705. 215 231 UNI GZ 1 0.65 2
706. 123 CON GY 2.43 3
707. 216 232 UNI GZ 1 0 0.65
708. 665 1524 1525 1545 1548 1549 1552 1554 1556 CON GZ 0.85 1.5
```

```
709. JOINT LOAD
710. 129 130 137 138 FZ 0.215
711. MEMBER LOAD
712. 37 48 UNI GZ 1
713. ********************
714. MEMBER LOAD
715. 1381 1383 1387 1389 1393 1395 1399 1401 UNI GX 1.8
716. 1381 1383 1387 1389 1393 1395 1399 1401 CON GX 0.75 1
717. MEMBER LOAD
718. 1381 1383 1387 1389 1393 1395 1399 1401 UNI GY 1.8
719. 1381 1383 1387 1389 1393 1395 1399 1401 CON GY 0.75 1
720. MEMBER LOAD
721. 1381 1383 1387 1389 1393 1395 1399 1401 UNI GZ 1.8
722. 1381 1383 1387 1389 1393 1395 1399 1401 CON GZ 0.75 1
723. ********************
724. SPECTRUM SRSS X 1 ACC SCALE 9.81 DAMP 0.05 LIN
725. 0 0.478; 0.1 0.478; 0.2 0.478; 0.3 0.478; 0.4 0.478; 0.5 0.478; 0.6 0.478
726. 0.7 0.478; 0.8 0.478; 0.9 0.478; 1 0.478; 1.1 0.478; 1.2 0.478; 1.3 0.453
727. 1.4 0.431; 1.5 0.412; 1.6 0.394; 1.7 0.379; 1.8 0.365; 1.9 0.352; 2 0.34
728. 2.1 0.329; 2.2 0.319; 2.3 0.31; 2.4 0.301; 2.5 0.293; 2.6 0.285; 2.7 0.278
729. 2.8 0.272; 2.9 0.265; 3 0.26; 3.1 0.254; 3.2 0.249; 3.3 0.244; 3.4 0.239
730. 3.5 0.234; 3.6 0.23; 3.7 0.226; 3.8 0.222; 3.9 0.218; 4 0.214; 4.1 0.211
731. 4.2 0.207; 4.3 0.204; 4.4 0.201; 4.5 0.198; 4.6 0.195; 4.7 0.192; 4.8 0.19
732. 4.9 0.187; 5 0.185
733. LOAD 9 LOADTYPE SEISMIC  TITLE SISMO EN Z
734. SPECTRUM SRSS Z 1 ACC SCALE 9.81 DAMP 0.05 LIN
735. *********** SERVICIO ************
736. 0 0.478; 0.1 0.478; 0.2 0.478; 0.3 0.478; 0.4 0.478; 0.5 0.478; 0.6 0.478
737. 0.7 0.478; 0.8 0.478; 0.9 0.478; 1 0.478; 1.1 0.478; 1.2 0.478; 1.3 0.453
738. 1.4 0.431; 1.5 0.412; 1.6 0.394; 1.7 0.379; 1.8 0.365; 1.9 0.352; 2 0.34
739. 2.1 0.329; 2.2 0.319; 2.3 0.31; 2.4 0.301; 2.5 0.293; 2.6 0.285; 2.7 0.278
740. 2.8 0.272; 2.9 0.265; 3 0.26; 3.1 0.254; 3.2 0.249; 3.3 0.244; 3.4 0.239
741. 3.5 0.234; 3.6 0.23; 3.7 0.226; 3.8 0.222; 3.9 0.218; 4 0.214; 4.1 0.211
742. 4.2 0.207; 4.3 0.204; 4.4 0.201; 4.5 0.198; 4.6 0.195; 4.7 0.192; 4.8 0.19
743. 4.9 0.187; 5 0.185
744. LOAD COMB 10 1.0 (PP+CM+CVMAX+EQU+ARR)
745. 1 1.0 2 1.0 3 1.0 6 1.0 7 1.0
746. LOAD COMB 11 1.0 (PP+CM+EQ+CVINST+ARR + SX+ 0.3 SZ)
747. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 1.0 9 0.3
748. LOAD COMB 12 1.0 (PP+CM+EQ+CVINST+ARR + SX- 0.3 SZ)
749. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 1.0 9 -0.3
750. LOAD COMB 13 1.0 (PP+CM+EQ+CVINST+ARR - SX+ 0.3 SZ)
751. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -1.0 9 0.3
752. LOAD COMB 14 1.0 (PP+CM+EQ+CVINST+ARR - SX- 0.3 SZ)
753. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -1.0 9 -0.3
754. LOAD COMB 15 1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX+ SZ)
755. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 0.3 9 1.0
756. LOAD COMB 16 1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX- SZ)
757. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 0.3 9 -1.0
758. LOAD COMB 17 1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX+ SZ)
759. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -0.3 9 1.0
760. LOAD COMB 18 1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX- SZ)
761. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -0.3 9 -1.0
762. LOAD COMB 19 1.0 (PP+CM+EQ+CVINST+ARR)
763. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0
764. ********* DISE?O ********
```

STAAD SPACE   -- PAGE NO.   15

```
765. LOAD COMB 20 1.4 (PP+CM+EQ+CVMAX+ARR)
766. 1 1.4 2 1.4 3 1.4 6 1.4 7 1.4
767. LOAD COMB 21 1.1 (PP+CM+EQ+CVINST + SX+ 0.33 SZ)
768. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 1.1 9 0.33
769. LOAD COMB 22 1.1 (PP+CM+EQ+CVINST + SX- 0.33 SZ)
770. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 1.1 9 -0.33
771. LOAD COMB 23 1.1 (PP+CM+EQ+CVINST - SX+ 0.33 SZ)
772. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -1.1 9 0.33
773. LOAD COMB 24 1.1 (PP+CM+EQ+CVINST - SX- 0.33 SZ)
774. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -1.1 9 -0.33
775. LOAD COMB 25 1.1 (PP+CM+EQ+CVINST + 0.33 SX+ SZ)
776. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 0.33 9 1.1
777. LOAD COMB 26 1.1 (PP+CM+EQ+CVINST + 0.33 SX- SZ)
778. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 0.33 9 -1.1
779. LOAD COMB 27 1.1 (PP+CM+EQ+CVINST - 0.33 SX+ SZ)
780. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -0.33 9 1.1
781. LOAD COMB 28 1.1 (PP+CM+EQ+CVINST - 0.33 SX- SZ)
782. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -0.33 9 -1.1
783. LOAD COMB 29 1.0 (PP+CM+EQ+CVMED+ARR)
784. 1 1.0 2 1.0 5 1.0 6 1.0 7 1.0
785. PERFORM ANALYSIS PRINT ALL
```

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

```
  NUMBER OF JOINTS       479  NUMBER OF MEMBERS     849
  NUMBER OF PLATES         0  NUMBER OF SOLIDS        0
  NUMBER OF SURFACES       0  NUMBER OF SUPPORTS     45
```

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

```
  ORIGINAL/FINAL BAND-WIDTH=   391/    37/   2298 DOF
TOTAL       PRIMARY LOAD CASES =     9, TOTAL DEGREES OF FREEDOM =    2298
TOTAL LOAD COMBINATION  CASES =    20  SO FAR.
   SIZE OF STIFFNESS MATRIX =    5281 DOUBLE  KILO-WORDS
   REQRD/AVAIL. DISK SPACE  =     94.1/ 476755.9 MB
```

STAAD SPACE   -- PAGE NO.   16

LOADING   1 LOADTYPE DEAD TITLE PP

     SELFWEIGHT Y   -1.000

    ACTUAL WEIGHT OF THE STRUCTURE =   237.735 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
2	-0.1020 GY	0.00	2.00				
4	-0.1020 GY	0.00	2.00				
6	-0.1020 GY	0.00	2.00				
8	-0.1020 GY	0.00	2.00				
10	-0.1020 GY	0.00	2.00				
83	-0.1020 GY	0.00	2.00				
101	-0.1020 GY	0.00	2.00				
103	-0.1020 GY	0.00	2.00				
105	-0.1020 GY	0.00	2.00				
107	-0.1020 GY	0.00	2.00				
109	-0.1020 GY	0.00	2.00				
111	-0.1020 GY	0.00	6.00				
112	-0.1020 GY	0.00	3.00				
113	-0.1020 GY	0.00	6.00				
114	-0.1020 GY	0.00	6.00				
115	-0.1020 GY	0.00	6.00				
116	-0.1020 GY	0.00	6.00				
117	-0.1020 GY	0.00	6.00				
118	-0.1020 GY	0.00	6.00				
119	-0.1020 GY	0.00	6.00				
156	-0.1020 GY	0.00	6.00				
157	-0.1020 GY	0.00	3.00				
158	-0.1020 GY	0.00	6.00				
159	-0.1020 GY	0.00	6.00				
160	-0.1020 GY	0.00	6.00				
161	-0.1020 GY	0.00	6.00				
162	-0.1020 GY	0.00	6.00				
163	-0.1020 GY	0.00	6.00				
164	-0.1020 GY	0.00	6.00				
168	-0.1020 GY	0.00	2.00				
169	-0.1020 GY	0.00	2.00				
174	-0.1020 GY	0.00	2.00				
175	-0.1020 GY	0.00	2.00				
180	-0.1020 GY	0.00	2.00				
181	-0.1020 GY	0.00	2.00				
186	-0.1020 GY	0.00	2.00				
187	-0.1020 GY	0.00	2.00				
192	-0.1020 GY	0.00	2.00				
193	-0.1020 GY	0.00	2.00				
298	-0.1020 GY	0.00	2.00				
299	-0.1020 GY	0.00	2.00				
316	-0.1020 GY	0.00	2.00				

```
317     -0.1020 GY     0.00      2.00
318     -0.1020 GY     0.00      2.00
319     -0.1020 GY     0.00      2.00
320     -0.1020 GY     0.00      2.00
321     -0.1020 GY     0.00      2.00
322     -0.1020 GY     0.00      1.00
323     -0.1020 GY     0.00      2.00
324     -0.1020 GY     0.00      2.00
325     -0.1020 GY     0.00      2.00
338     -0.1020 GY     0.00      2.00
339     -0.1020 GY     0.00      2.00
340     -0.1020 GY     0.00      2.00
350     -0.1020 GY     0.00      2.00
352     -0.1020 GY     0.00      2.00
354     -0.1020 GY     0.00      2.00
356     -0.1020 GY     0.00      2.00
358     -0.1020 GY     0.00      2.00
443     -0.1020 GY     0.00      2.00
445     -0.1020 GY     0.00      2.00
447     -0.1020 GY     0.00      2.00
449     -0.1020 GY     0.00      1.50
451     -0.1020 GY     0.00      2.00
453     -0.1020 GY     0.00      6.00
454     -0.1020 GY     0.00      6.00
455     -0.1020 GY     0.00      6.00
456     -0.1020 GY     0.00      6.00
457     -0.1020 GY     0.00      6.00
458     -0.1020 GY     0.00      6.00
459     -0.1020 GY     0.00      6.00
460     -0.1020 GY     0.00      6.00
461     -0.1020 GY     0.00      6.00
498     -0.1020 GY     0.00      6.00
499     -0.1020 GY     0.00      3.00
500     -0.1020 GY     0.00      6.00
501     -0.1020 GY     0.00      6.00
502     -0.1020 GY     0.00      6.00
503     -0.1020 GY     0.00      6.00
504     -0.1020 GY     0.00      6.00
505     -0.1020 GY     0.00      6.00
506     -0.1020 GY     0.00      6.00
510     -0.1020 GY     0.00      2.00
511     -0.1020 GY     0.00      2.00
516     -0.1020 GY     0.00      2.00
517     -0.1020 GY     0.00      2.00
522     -0.1020 GY     0.00      2.00
523     -0.1020 GY     0.00      2.00
528     -0.1020 GY     0.00      2.00
529     -0.1020 GY     0.00      2.00
534     -0.1020 GY     0.00      2.00
535     -0.1020 GY     0.00      2.00
658     -0.1020 GY     0.00      2.00
659     -0.1020 GY     0.00      2.00
660     -0.1020 GY     0.00      2.00
661     -0.1020 GY     0.00      2.00
662     -0.1020 GY     0.00      2.00
663     -0.1020 GY     0.00      2.00
```

STAAD SPACE   -- PAGE NO.   18

```
  664    -0.1020 GY    0.00    1.50
  665    -0.1020 GY    0.00    3.00
  666    -0.1020 GY    0.00    2.00
  667    -0.1020 GY    0.00    2.00
 1205    -0.1020 GY    0.00    3.00
 1209    -0.1020 GY    0.00    3.00
 1361    -0.1020 GY    0.00    3.00
 1533    -0.1020 GY    0.00    1.00
  131    -0.1350 GY    0.00    6.00
  132    -0.1350 GY    0.00    6.00
  133    -0.1350 GY    0.00    6.00
  134    -0.1350 GY    0.00    3.00
  140    -0.1350 GY    0.00    6.00
  141    -0.1350 GY    0.00    6.00
  142    -0.1350 GY    0.00    6.00
  143    -0.1350 GY    0.00    3.00
```

```
LOADING    2  LOADTYPE DEAD  TITLE CM
-----------
```

```
MEMBER LOAD - UNIT MTON METE
```

```
MEMBER     UDL       L1     L2      CON      L     LIN1      LIN2
```

```
  111    -0.4700 GY    0.00    6.00
  113    -0.4700 GY    0.00    6.00
  114    -0.4700 GY    0.00    6.00
  115    -0.4700 GY    0.00    6.00
  116    -0.4700 GY    0.00    6.00
  117    -0.4700 GY    0.00    6.00
  118    -0.4700 GY    0.00    6.00
  119    -0.4700 GY    0.00    6.00
  131    -0.4700 GY    0.00    6.00
  132    -0.4700 GY    0.00    6.00
  133    -0.4700 GY    0.00    6.00
  134    -0.4700 GY    0.00    3.00
  135    -0.4700 GY    0.00    6.00
  140    -0.4700 GY    0.00    6.00
  141    -0.4700 GY    0.00    6.00
  142    -0.4700 GY    0.00    6.00
  143    -0.4700 GY    0.00    3.00
  144    -0.4700 GY    0.00    6.00
  156    -0.4700 GY    0.00    6.00
  158    -0.4700 GY    0.00    6.00
  159    -0.4700 GY    0.00    6.00
  160    -0.4700 GY    0.00    6.00
  161    -0.4700 GY    0.00    6.00
  162    -0.4700 GY    0.00    6.00
  163    -0.4700 GY    0.00    6.00
  164    -0.4700 GY    0.00    6.00
  200    -0.4700 GY    0.00    3.00
  213    -0.4700 GY    0.00    3.00
 1205    -0.4700 GY    0.00    3.00
 1209    -0.4700 GY    0.00    3.00
```

```
120    -0.9400 GY    0.00    6.00
121    -0.9400 GY    0.00    6.00
122    -0.9400 GY    0.00    6.00
123    -0.9400 GY    0.00    6.00
124    -0.9400 GY    0.00    6.00
125    -0.9400 GY    0.00    6.00
126    -0.9400 GY    0.00    6.00
127    -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
136    -0.9400 GY    0.00    6.00
137    -0.9400 GY    0.00    6.00
138    -0.9400 GY    0.00    6.00
139    -0.9400 GY    0.00    6.00
145    -0.9400 GY    0.00    6.00
146    -0.9400 GY    0.00    6.00
147    -0.9400 GY    0.00    6.00
148    -0.9400 GY    0.00    6.00
149    -0.9400 GY    0.00    6.00
150    -0.9400 GY    0.00    6.00
151    -0.9400 GY    0.00    6.00
152    -0.9400 GY    0.00    6.00
153    -0.9400 GY    0.00    6.00
154    -0.9400 GY    0.00    6.00
155    -0.9400 GY    0.00    3.00
165    -0.9400 GY    0.00    3.00
166    -0.9400 GY    0.00    3.00
172    -0.9400 GY    0.00    6.00
173    -0.9400 GY    0.00    6.00
178    -0.9400 GY    0.00    6.00
179    -0.9400 GY    0.00    6.00
184    -0.9400 GY    0.00    6.00
185    -0.9400 GY    0.00    6.00
190    -0.9400 GY    0.00    6.00
191    -0.9400 GY    0.00    6.00
196    -0.9400 GY    0.00    6.00
197    -0.9400 GY    0.00    6.00
204    -0.9400 GY    0.00    6.00
205    -0.9400 GY    0.00    6.00
208    -0.9400 GY    0.00    6.00
209    -0.9400 GY    0.00    6.00
222    -0.9400 GY    0.00    6.00
223    -0.9400 GY    0.00    6.00
224    -0.9400 GY    0.00    6.00
225    -0.9400 GY    0.00    6.00
226    -0.9400 GY    0.00    6.00
227    -0.9400 GY    0.00    6.00
228    -0.9400 GY    0.00    6.00
229    -0.9400 GY    0.00    6.00
238    -0.9400 GY    0.00    6.00
239    -0.9400 GY    0.00    6.00
240    -0.9400 GY    0.00    6.00
241    -0.9400 GY    0.00    6.00
242    -0.9400 GY    0.00    6.00
243    -0.9400 GY    0.00    6.00
```

```
 244    -0.9400 GY    0.00    6.00
 245    -0.9400 GY    0.00    6.00
 254    -0.9400 GY    0.00    6.00
 255    -0.9400 GY    0.00    6.00
 256    -0.9400 GY    0.00    6.00
 257    -0.9400 GY    0.00    6.00
 258    -0.9400 GY    0.00    6.00
 259    -0.9400 GY    0.00    6.00
 260    -0.9400 GY    0.00    6.00
 261    -0.9400 GY    0.00    6.00
 270    -0.9400 GY    0.00    6.00
 271    -0.9400 GY    0.00    6.00
 272    -0.9400 GY    0.00    6.00
 273    -0.9400 GY    0.00    6.00
 274    -0.9400 GY    0.00    6.00
 275    -0.9400 GY    0.00    6.00
 276    -0.9400 GY    0.00    6.00
 277    -0.9400 GY    0.00    6.00
 286    -0.9400 GY    0.00    6.00
 287    -0.9400 GY    0.00    6.00
 288    -0.9400 GY    0.00    6.00
 289    -0.9400 GY    0.00    6.00
 290    -0.9400 GY    0.00    6.00
 291    -0.9400 GY    0.00    6.00
 292    -0.9400 GY    0.00    6.00
 293    -0.9400 GY    0.00    6.00
 306    -0.9400 GY    0.00    6.00
 307    -0.9400 GY    0.00    6.00
 308    -0.9400 GY    0.00    6.00
 309    -0.9400 GY    0.00    6.00
 310    -0.9400 GY    0.00    6.00
 311    -0.9400 GY    0.00    6.00
 312    -0.9400 GY    0.00    6.00
 313    -0.9400 GY    0.00    6.00
 314    -0.9400 GY    0.00    6.00
 315    -0.9400 GY    0.00    6.00
 326    -0.9400 GY    0.00    6.00
 327    -0.9400 GY    0.00    6.00
 328    -0.9400 GY    0.00    6.00
 329    -0.9400 GY    0.00    6.00
 330    -0.9400 GY    0.00    6.00
 331    -0.9400 GY    0.00    6.00
 332    -0.9400 GY    0.00    3.00
 333    -0.9400 GY    0.00    3.00
 334    -0.9400 GY    0.00    6.00
 335    -0.9400 GY    0.00    6.00
 341    -0.9400 GY    0.00    6.00
 342    -0.9400 GY    0.00    6.00
 347    -0.9400 GY    0.00    3.00
 348    -0.9400 GY    0.00    3.00
1204    -0.9400 GY    0.00    3.00
1210    -0.9400 GY    0.00    3.00
1213    -0.9400 GY    0.00    3.00
1215    -0.9400 GY    0.00    3.00
1535    -0.9400 GY    0.00    3.00
1537    -0.9400 GY    0.00    3.00
```

```
1538    -0.9400 GY     0.00     3.00
 453    -0.4000 GY     0.00     6.00
 454    -0.4000 GY     0.00     6.00
 455    -0.4000 GY     0.00     6.00
 456    -0.4000 GY     0.00     6.00
 457    -0.4000 GY     0.00     6.00
 458    -0.4000 GY     0.00     6.00
 459    -0.4000 GY     0.00     6.00
 460    -0.4000 GY     0.00     6.00
 461    -0.4000 GY     0.00     6.00
 473    -0.4000 GY     0.00     2.00
 474    -0.4000 GY     0.00     2.00
 475    -0.4000 GY     0.00     2.00
 477    -0.4000 GY     0.00     2.00
 482    -0.4000 GY     0.00     2.00
 483    -0.4000 GY     0.00     2.00
 484    -0.4000 GY     0.00     2.00
 486    -0.4000 GY     0.00     2.00
 488    -0.4000 GY     0.00     6.00
 497    -0.4000 GY     0.00     3.00
 498    -0.4000 GY     0.00     6.00
 500    -0.4000 GY     0.00     6.00
 501    -0.4000 GY     0.00     6.00
 502    -0.4000 GY     0.00     6.00
 503    -0.4000 GY     0.00     6.00
 504    -0.4000 GY     0.00     6.00
 505    -0.4000 GY     0.00     6.00
 506    -0.4000 GY     0.00     6.00
 555    -0.4000 GY     0.00     3.00
 706    -0.4000 GY     0.00     3.00
 707    -0.4000 GY     0.00     3.00
1361    -0.4000 GY     0.00     3.00
1405    -0.4000 GY     0.00     2.00
1406    -0.4000 GY     0.00     2.00
1407    -0.4000 GY     0.00     1.50
1408    -0.4000 GY     0.00     1.50
1409    -0.4000 GY     0.00     2.00
1410    -0.4000 GY     0.00     0.50
1411    -0.4000 GY     0.00     2.00
1412    -0.4000 GY     0.00     0.50
1413    -0.4000 GY     0.00     2.00
1414    -0.4000 GY     0.00     2.00
1415    -0.4000 GY     0.00     1.50
1416    -0.4000 GY     0.00     2.00
1417    -0.4000 GY     0.00     0.50
1418    -0.4000 GY     0.00     1.50
1419    -0.4000 GY     0.00     2.00
1420    -0.4000 GY     0.00     0.50
1421    -0.4000 GY     0.00     2.00
1422    -0.4000 GY     0.00     2.00
1423    -0.4000 GY     0.00     1.50
1424    -0.4000 GY     0.00     2.00
1425    -0.4000 GY     0.00     0.50
1426    -0.4000 GY     0.00     1.50
1427    -0.4000 GY     0.00     2.00
1428    -0.4000 GY     0.00     0.50
```

```
1429    -0.4000 GY    0.00     2.00
1430    -0.4000 GY    0.00     2.00
1431    -0.4000 GY    0.00     1.50
1432    -0.4000 GY    0.00     1.50
1433    -0.4000 GY    0.00     2.00
1434    -0.4000 GY    0.00     0.50
1435    -0.4000 GY    0.00     2.00
1436    -0.4000 GY    0.00     0.50
1438    -0.4000 GY    0.00     0.50
1443    -0.4000 GY    0.00     0.50
1449    -0.4000 GY    0.00     0.50
1453    -0.4000 GY    0.00     0.50
1459    -0.4000 GY    0.00     0.50
1463    -0.4000 GY    0.00     0.50
1471    -0.4000 GY    0.00     0.50
1475    -0.4000 GY    0.00     0.50
1490    -0.4000 GY    0.00     1.50
1497    -0.4000 GY    0.00     1.50
1498    -0.4000 GY    0.00     1.50
1500    -0.4000 GY    0.00     1.50
1501    -0.4000 GY    0.00     1.50
1506    -0.4000 GY    0.00     1.50
1519    -0.4000 GY    0.00     1.50
1520    -0.4000 GY    0.00     1.50
1525    -0.4000 GY    0.00     3.00
 462    -0.8000 GY    0.00     6.00
 463    -0.8000 GY    0.00     6.00
 464    -0.8000 GY    0.00     6.00
 465    -0.8000 GY    0.00     5.50
 466    -0.8000 GY    0.00     6.00
 467    -0.8000 GY    0.00     6.00
 468    -0.8000 GY    0.00     6.00
 469    -0.8000 GY    0.00     6.00
 470    -0.8000 GY    0.00     6.00
 471    -0.8000 GY    0.00     6.00
 472    -0.8000 GY    0.00     6.00
 478    -0.8000 GY    0.00     6.00
 479    -0.8000 GY    0.00     6.00
 480    -0.8000 GY    0.00     6.00
 481    -0.8000 GY    0.00     6.00
 487    -0.8000 GY    0.00     6.00
 489    -0.8000 GY    0.00     6.00
 490    -0.8000 GY    0.00     6.00
 491    -0.8000 GY    0.00     6.00
 492    -0.8000 GY    0.00     6.00
 493    -0.8000 GY    0.00     6.00
 494    -0.8000 GY    0.00     6.00
 495    -0.8000 GY    0.00     6.00
 496    -0.8000 GY    0.00     6.00
 514    -0.8000 GY    0.00     6.00
 515    -0.8000 GY    0.00     6.00
 520    -0.8000 GY    0.00     6.00
 521    -0.8000 GY    0.00     6.00
 526    -0.8000 GY    0.00     6.00
 527    -0.8000 GY    0.00     6.00
 532    -0.8000 GY    0.00     6.00
```

```
533    -0.8000 GY    0.00    6.00
538    -0.8000 GY    0.00    6.00
539    -0.8000 GY    0.00    6.00
542    -0.8000 GY    0.00    6.00
543    -0.8000 GY    0.00    6.00
546    -0.8000 GY    0.00    6.00
547    -0.8000 GY    0.00    6.00
550    -0.8000 GY    0.00    6.00
551    -0.8000 GY    0.00    6.00
564    -0.8000 GY    0.00    6.00
565    -0.8000 GY    0.00    6.00
566    -0.8000 GY    0.00    6.00
567    -0.8000 GY    0.00    6.00
568    -0.8000 GY    0.00    6.00
569    -0.8000 GY    0.00    6.00
570    -0.8000 GY    0.00    6.00
571    -0.8000 GY    0.00    6.00
580    -0.8000 GY    0.00    6.00
581    -0.8000 GY    0.00    6.00
582    -0.8000 GY    0.00    6.00
583    -0.8000 GY    0.00    6.00
584    -0.8000 GY    0.00    6.00
585    -0.8000 GY    0.00    6.00
586    -0.8000 GY    0.00    6.00
587    -0.8000 GY    0.00    6.00
596    -0.8000 GY    0.00    6.00
597    -0.8000 GY    0.00    6.00
598    -0.8000 GY    0.00    6.00
599    -0.8000 GY    0.00    6.00
600    -0.8000 GY    0.00    6.00
601    -0.8000 GY    0.00    6.00
602    -0.8000 GY    0.00    6.00
603    -0.8000 GY    0.00    6.00
612    -0.8000 GY    0.00    6.00
613    -0.8000 GY    0.00    6.00
614    -0.8000 GY    0.00    6.00
615    -0.8000 GY    0.00    6.00
616    -0.8000 GY    0.00    6.00
617    -0.8000 GY    0.00    6.00
618    -0.8000 GY    0.00    6.00
619    -0.8000 GY    0.00    6.00
628    -0.8000 GY    0.00    6.00
629    -0.8000 GY    0.00    6.00
630    -0.8000 GY    0.00    6.00
631    -0.8000 GY    0.00    6.00
632    -0.8000 GY    0.00    6.00
633    -0.8000 GY    0.00    6.00
634    -0.8000 GY    0.00    6.00
635    -0.8000 GY    0.00    6.00
648    -0.8000 GY    0.00    6.00
649    -0.8000 GY    0.00    6.00
650    -0.8000 GY    0.00    6.00
651    -0.8000 GY    0.00    6.00
652    -0.8000 GY    0.00    6.00
653    -0.8000 GY    0.00    6.00
654    -0.8000 GY    0.00    6.00
```

```
 655     -0.8000 GY     0.00     6.00
 656     -0.8000 GY     0.00     6.00
 657     -0.8000 GY     0.00     6.00
 668     -0.8000 GY     0.00     6.00
 669     -0.8000 GY     0.00     6.00
 670     -0.8000 GY     0.00     6.00
 671     -0.8000 GY     0.00     6.00
 672     -0.8000 GY     0.00     6.00
 673     -0.8000 GY     0.00     6.00
 676     -0.8000 GY     0.00     6.00
 677     -0.8000 GY     0.00     6.00
 683     -0.8000 GY     0.00     6.00
 684     -0.8000 GY     0.00     6.00
1362     -0.8000 GY     0.00     3.00
1365     -0.8000 GY     0.00     3.00
1481     -0.8000 GY     0.00     3.00
1482     -0.8000 GY     0.00     3.00
1486     -0.8000 GY     0.00     3.00
1487     -0.8000 GY     0.00     3.00
1488     -0.8000 GY     0.00     0.50
 473     -0.3000 GY     0.00     2.00
 474     -0.3000 GY     0.00     2.00
 475     -0.3000 GY     0.00     2.00
 477     -0.3000 GY     0.00     2.00
 482     -0.3000 GY     0.00     2.00
 483     -0.3000 GY     0.00     2.00
 484     -0.3000 GY     0.00     2.00
 486     -0.3000 GY     0.00     2.00
 488     -0.3000 GY     0.00     6.00
 497     -0.3000 GY     0.00     3.00
 706     -0.3000 GY     0.00     3.00
 707     -0.3000 GY     0.00     3.00
1406     -0.3000 GY     0.00     2.00
1411     -0.3000 GY     0.00     2.00
1414     -0.3000 GY     0.00     2.00
1419     -0.3000 GY     0.00     2.00
1422     -0.3000 GY     0.00     2.00
1427     -0.3000 GY     0.00     2.00
1430     -0.3000 GY     0.00     2.00
1435     -0.3000 GY     0.00     2.00
1524     -0.3000 GY     0.00     3.00
 674     -0.6000 GY     0.00     3.00
 675     -0.6000 GY     0.00     6.00
 694     -0.6000 GY     0.00     2.00
 695     -0.6000 GY     0.00     2.00
 699     -0.6000 GY     0.00     2.00
 700     -0.6000 GY     0.00     2.00
 704     -0.6000 GY     0.00     2.00
 705     -0.6000 GY     0.00     2.00
 708     -0.6000 GY     0.00     3.00
 709     -0.6000 GY     0.00     3.00
 710     -0.6000 GY     0.00     2.00
 711     -0.6000 GY     0.00     2.00
1382     -0.6000 GY     0.00     2.00
1385     -0.6000 GY     0.00     2.00
1388     -0.6000 GY     0.00     2.00
```

```
1390    -0.6000 GY    0.00     2.00
1394    -0.6000 GY    0.00     2.00
1396    -0.6000 GY    0.00     2.00
1400    -0.6000 GY    0.00     2.00
1402    -0.6000 GY    0.00     2.00
1439    -0.6000 GY    0.00     2.00
1447    -0.6000 GY    0.00     2.00
1451    -0.6000 GY    0.00     2.00
1457    -0.6000 GY    0.00     2.00
1461    -0.6000 GY    0.00     2.00
1467    -0.6000 GY    0.00     2.00
1473    -0.6000 GY    0.00     2.00
1479    -0.6000 GY    0.00     2.00
1512    -0.6000 GY    0.00     3.00
1529    -0.6000 GY    0.00     3.00
```

```
LOADING    3  LOADTYPE LIVE  TITLE CV MAX
-----------
```

```
MEMBER LOAD - UNIT MTON METE
```

```
MEMBER      UDL       L1       L2      CON       L     LIN1      LIN2
```

```
 111    -0.1000 GY    0.00     6.00
 113    -0.1000 GY    0.00     6.00
 114    -0.1000 GY    0.00     6.00
 115    -0.1000 GY    0.00     6.00
 116    -0.1000 GY    0.00     6.00
 117    -0.1000 GY    0.00     6.00
 118    -0.1000 GY    0.00     6.00
 119    -0.1000 GY    0.00     6.00
 131    -0.1000 GY    0.00     6.00
 132    -0.1000 GY    0.00     6.00
 133    -0.1000 GY    0.00     6.00
 134    -0.1000 GY    0.00     3.00
 135    -0.1000 GY    0.00     6.00
 140    -0.1000 GY    0.00     6.00
 141    -0.1000 GY    0.00     6.00
 142    -0.1000 GY    0.00     6.00
 143    -0.1000 GY    0.00     3.00
 144    -0.1000 GY    0.00     6.00
 156    -0.1000 GY    0.00     6.00
 158    -0.1000 GY    0.00     6.00
 159    -0.1000 GY    0.00     6.00
 160    -0.1000 GY    0.00     6.00
 161    -0.1000 GY    0.00     6.00
 162    -0.1000 GY    0.00     6.00
 163    -0.1000 GY    0.00     6.00
 164    -0.1000 GY    0.00     6.00
 200    -0.1000 GY    0.00     3.00
 213    -0.1000 GY    0.00     3.00
1205    -0.1000 GY    0.00     3.00
1209    -0.1000 GY    0.00     3.00
 120    -0.2000 GY    0.00     6.00
```

```
121    -0.2000 GY    0.00    6.00
122    -0.2000 GY    0.00    6.00
123    -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
127    -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
136    -0.2000 GY    0.00    6.00
137    -0.2000 GY    0.00    6.00
138    -0.2000 GY    0.00    6.00
139    -0.2000 GY    0.00    6.00
145    -0.2000 GY    0.00    6.00
146    -0.2000 GY    0.00    6.00
147    -0.2000 GY    0.00    6.00
148    -0.2000 GY    0.00    6.00
149    -0.2000 GY    0.00    6.00
150    -0.2000 GY    0.00    6.00
151    -0.2000 GY    0.00    6.00
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    3.00
165    -0.2000 GY    0.00    3.00
166    -0.2000 GY    0.00    3.00
172    -0.2000 GY    0.00    6.00
173    -0.2000 GY    0.00    6.00
178    -0.2000 GY    0.00    6.00
179    -0.2000 GY    0.00    6.00
184    -0.2000 GY    0.00    6.00
185    -0.2000 GY    0.00    6.00
190    -0.2000 GY    0.00    6.00
191    -0.2000 GY    0.00    6.00
196    -0.2000 GY    0.00    6.00
197    -0.2000 GY    0.00    6.00
204    -0.2000 GY    0.00    6.00
205    -0.2000 GY    0.00    6.00
208    -0.2000 GY    0.00    6.00
209    -0.2000 GY    0.00    6.00
222    -0.2000 GY    0.00    6.00
223    -0.2000 GY    0.00    6.00
224    -0.2000 GY    0.00    6.00
225    -0.2000 GY    0.00    6.00
226    -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
238    -0.2000 GY    0.00    6.00
239    -0.2000 GY    0.00    6.00
240    -0.2000 GY    0.00    6.00
241    -0.2000 GY    0.00    6.00
242    -0.2000 GY    0.00    6.00
243    -0.2000 GY    0.00    6.00
244    -0.2000 GY    0.00    6.00
```

```
 245    -0.2000 GY     0.00     6.00
 254    -0.2000 GY     0.00     6.00
 255    -0.2000 GY     0.00     6.00
 256    -0.2000 GY     0.00     6.00
 257    -0.2000 GY     0.00     6.00
 258    -0.2000 GY     0.00     6.00
 259    -0.2000 GY     0.00     6.00
 260    -0.2000 GY     0.00     6.00
 261    -0.2000 GY     0.00     6.00
 270    -0.2000 GY     0.00     6.00
 271    -0.2000 GY     0.00     6.00
 272    -0.2000 GY     0.00     6.00
 273    -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
 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
 290    -0.2000 GY     0.00     6.00
 291    -0.2000 GY     0.00     6.00
 292    -0.2000 GY     0.00     6.00
 293    -0.2000 GY     0.00     6.00
 306    -0.2000 GY     0.00     6.00
 307    -0.2000 GY     0.00     6.00
 308    -0.2000 GY     0.00     6.00
 309    -0.2000 GY     0.00     6.00
 310    -0.2000 GY     0.00     6.00
 311    -0.2000 GY     0.00     6.00
 312    -0.2000 GY     0.00     6.00
 313    -0.2000 GY     0.00     6.00
 314    -0.2000 GY     0.00     6.00
 315    -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
 329    -0.2000 GY     0.00     6.00
 330    -0.2000 GY     0.00     6.00
 331    -0.2000 GY     0.00     6.00
 332    -0.2000 GY     0.00     3.00
 333    -0.2000 GY     0.00     3.00
 334    -0.2000 GY     0.00     6.00
 335    -0.2000 GY     0.00     6.00
 341    -0.2000 GY     0.00     6.00
 342    -0.2000 GY     0.00     6.00
 347    -0.2000 GY     0.00     3.00
 348    -0.2000 GY     0.00     3.00
1204    -0.2000 GY     0.00     3.00
1210    -0.2000 GY     0.00     3.00
1213    -0.2000 GY     0.00     3.00
1215    -0.2000 GY     0.00     3.00
1535    -0.2000 GY     0.00     3.00
1537    -0.2000 GY     0.00     3.00
1538    -0.2000 GY     0.00     3.00
```

```
 453     -0.2500 GY     0.00     6.00
 454     -0.2500 GY     0.00     6.00
 455     -0.2500 GY     0.00     6.00
 456     -0.2500 GY     0.00     6.00
 457     -0.2500 GY     0.00     6.00
 458     -0.2500 GY     0.00     6.00
 459     -0.2500 GY     0.00     6.00
 460     -0.2500 GY     0.00     6.00
 461     -0.2500 GY     0.00     6.00
 473     -0.2500 GY     0.00     2.00
 474     -0.2500 GY     0.00     2.00
 475     -0.2500 GY     0.00     2.00
 477     -0.2500 GY     0.00     2.00
 482     -0.2500 GY     0.00     2.00
 483     -0.2500 GY     0.00     2.00
 484     -0.2500 GY     0.00     2.00
 486     -0.2500 GY     0.00     2.00
 497     -0.2500 GY     0.00     3.00
 498     -0.2500 GY     0.00     6.00
 500     -0.2500 GY     0.00     6.00
 501     -0.2500 GY     0.00     6.00
 502     -0.2500 GY     0.00     6.00
 503     -0.2500 GY     0.00     6.00
 504     -0.2500 GY     0.00     6.00
 505     -0.2500 GY     0.00     6.00
 506     -0.2500 GY     0.00     6.00
 555     -0.2500 GY     0.00     3.00
 706     -0.2500 GY     0.00     3.00
 707     -0.2500 GY     0.00     3.00
1361     -0.2500 GY     0.00     3.00
1405     -0.2500 GY     0.00     2.00
1406     -0.2500 GY     0.00     2.00
1407     -0.2500 GY     0.00     1.50
1408     -0.2500 GY     0.00     1.50
1409     -0.2500 GY     0.00     2.00
1410     -0.2500 GY     0.00     0.50
1411     -0.2500 GY     0.00     2.00
1412     -0.2500 GY     0.00     0.50
1413     -0.2500 GY     0.00     2.00
1414     -0.2500 GY     0.00     2.00
1415     -0.2500 GY     0.00     1.50
1416     -0.2500 GY     0.00     2.00
1417     -0.2500 GY     0.00     0.50
1418     -0.2500 GY     0.00     1.50
1419     -0.2500 GY     0.00     2.00
1420     -0.2500 GY     0.00     0.50
1421     -0.2500 GY     0.00     2.00
1422     -0.2500 GY     0.00     2.00
1423     -0.2500 GY     0.00     1.50
1424     -0.2500 GY     0.00     2.00
1425     -0.2500 GY     0.00     0.50
1426     -0.2500 GY     0.00     1.50
1427     -0.2500 GY     0.00     2.00
1428     -0.2500 GY     0.00     0.50
1429     -0.2500 GY     0.00     2.00
1430     -0.2500 GY     0.00     2.00
```

```
1431     -0.2500 GY     0.00     1.50
1432     -0.2500 GY     0.00     1.50
1433     -0.2500 GY     0.00     2.00
1434     -0.2500 GY     0.00     0.50
1435     -0.2500 GY     0.00     2.00
1436     -0.2500 GY     0.00     0.50
1438     -0.2500 GY     0.00     0.50
1443     -0.2500 GY     0.00     0.50
1449     -0.2500 GY     0.00     0.50
1453     -0.2500 GY     0.00     0.50
1459     -0.2500 GY     0.00     0.50
1463     -0.2500 GY     0.00     0.50
1471     -0.2500 GY     0.00     0.50
1475     -0.2500 GY     0.00     0.50
1490     -0.2500 GY     0.00     1.50
1497     -0.2500 GY     0.00     1.50
1498     -0.2500 GY     0.00     1.50
1500     -0.2500 GY     0.00     1.50
1501     -0.2500 GY     0.00     1.50
1506     -0.2500 GY     0.00     1.50
1519     -0.2500 GY     0.00     1.50
1520     -0.2500 GY     0.00     1.50
1525     -0.2500 GY     0.00     3.00
 462     -0.5000 GY     0.00     6.00
 463     -0.5000 GY     0.00     6.00
 464     -0.5000 GY     0.00     6.00
 465     -0.5000 GY     0.00     5.50
 466     -0.5000 GY     0.00     6.00
 467     -0.5000 GY     0.00     6.00
 468     -0.5000 GY     0.00     6.00
 469     -0.5000 GY     0.00     6.00
 470     -0.5000 GY     0.00     6.00
 471     -0.5000 GY     0.00     6.00
 472     -0.5000 GY     0.00     6.00
 478     -0.5000 GY     0.00     6.00
 479     -0.5000 GY     0.00     6.00
 480     -0.5000 GY     0.00     6.00
 481     -0.5000 GY     0.00     6.00
 487     -0.5000 GY     0.00     6.00
 489     -0.5000 GY     0.00     6.00
 490     -0.5000 GY     0.00     6.00
 491     -0.5000 GY     0.00     6.00
 492     -0.5000 GY     0.00     6.00
 493     -0.5000 GY     0.00     6.00
 494     -0.5000 GY     0.00     6.00
 495     -0.5000 GY     0.00     6.00
 496     -0.5000 GY     0.00     6.00
 514     -0.5000 GY     0.00     6.00
 515     -0.5000 GY     0.00     6.00
 520     -0.5000 GY     0.00     6.00
 521     -0.5000 GY     0.00     6.00
 526     -0.5000 GY     0.00     6.00
 527     -0.5000 GY     0.00     6.00
 532     -0.5000 GY     0.00     6.00
 533     -0.5000 GY     0.00     6.00
 538     -0.5000 GY     0.00     6.00
```

```
539     -0.5000 GY     0.00      6.00
542     -0.5000 GY     0.00      6.00
543     -0.5000 GY     0.00      6.00
546     -0.5000 GY     0.00      6.00
547     -0.5000 GY     0.00      6.00
550     -0.5000 GY     0.00      6.00
551     -0.5000 GY     0.00      6.00
564     -0.5000 GY     0.00      6.00
565     -0.5000 GY     0.00      6.00
566     -0.5000 GY     0.00      6.00
567     -0.5000 GY     0.00      6.00
568     -0.5000 GY     0.00      6.00
569     -0.5000 GY     0.00      6.00
570     -0.5000 GY     0.00      6.00
571     -0.5000 GY     0.00      6.00
580     -0.5000 GY     0.00      6.00
581     -0.5000 GY     0.00      6.00
582     -0.5000 GY     0.00      6.00
583     -0.5000 GY     0.00      6.00
584     -0.5000 GY     0.00      6.00
585     -0.5000 GY     0.00      6.00
586     -0.5000 GY     0.00      6.00
587     -0.5000 GY     0.00      6.00
596     -0.5000 GY     0.00      6.00
597     -0.5000 GY     0.00      6.00
598     -0.5000 GY     0.00      6.00
599     -0.5000 GY     0.00      6.00
600     -0.5000 GY     0.00      6.00
601     -0.5000 GY     0.00      6.00
602     -0.5000 GY     0.00      6.00
603     -0.5000 GY     0.00      6.00
612     -0.5000 GY     0.00      6.00
613     -0.5000 GY     0.00      6.00
614     -0.5000 GY     0.00      6.00
615     -0.5000 GY     0.00      6.00
616     -0.5000 GY     0.00      6.00
617     -0.5000 GY     0.00      6.00
618     -0.5000 GY     0.00      6.00
619     -0.5000 GY     0.00      6.00
628     -0.5000 GY     0.00      6.00
629     -0.5000 GY     0.00      6.00
630     -0.5000 GY     0.00      6.00
631     -0.5000 GY     0.00      6.00
632     -0.5000 GY     0.00      6.00
633     -0.5000 GY     0.00      6.00
634     -0.5000 GY     0.00      6.00
635     -0.5000 GY     0.00      6.00
648     -0.5000 GY     0.00      6.00
649     -0.5000 GY     0.00      6.00
650     -0.5000 GY     0.00      6.00
651     -0.5000 GY     0.00      6.00
652     -0.5000 GY     0.00      6.00
653     -0.5000 GY     0.00      6.00
654     -0.5000 GY     0.00      6.00
655     -0.5000 GY     0.00      6.00
656     -0.5000 GY     0.00      6.00
```

```
 657    -0.5000 GY    0.00    6.00
 668    -0.5000 GY    0.00    6.00
 669    -0.5000 GY    0.00    6.00
 670    -0.5000 GY    0.00    6.00
 671    -0.5000 GY    0.00    6.00
 672    -0.5000 GY    0.00    6.00
 673    -0.5000 GY    0.00    6.00
 676    -0.5000 GY    0.00    6.00
 677    -0.5000 GY    0.00    6.00
 683    -0.5000 GY    0.00    6.00
 684    -0.5000 GY    0.00    6.00
1362    -0.5000 GY    0.00    3.00
1365    -0.5000 GY    0.00    3.00
1481    -0.5000 GY    0.00    3.00
1482    -0.5000 GY    0.00    3.00
1486    -0.5000 GY    0.00    3.00
1487    -0.5000 GY    0.00    3.00
1488    -0.5000 GY    0.00    0.50
 473    -0.1900 GY    0.00    2.00
 474    -0.1900 GY    0.00    2.00
 475    -0.1900 GY    0.00    2.00
 477    -0.1900 GY    0.00    2.00
 482    -0.1900 GY    0.00    2.00
 483    -0.1900 GY    0.00    2.00
 484    -0.1900 GY    0.00    2.00
 486    -0.1900 GY    0.00    2.00
 488    -0.1900 GY    0.00    6.00
 497    -0.1900 GY    0.00    3.00
 706    -0.1900 GY    0.00    3.00
 707    -0.1900 GY    0.00    3.00
1406    -0.1900 GY    0.00    2.00
1411    -0.1900 GY    0.00    2.00
1414    -0.1900 GY    0.00    2.00
1419    -0.1900 GY    0.00    2.00
1422    -0.1900 GY    0.00    2.00
1427    -0.1900 GY    0.00    2.00
1430    -0.1900 GY    0.00    2.00
1435    -0.1900 GY    0.00    2.00
1524    -0.1900 GY    0.00    3.00
 674    -0.3800 GY    0.00    3.00
 675    -0.3800 GY    0.00    6.00
 694    -0.3800 GY    0.00    2.00
 695    -0.3800 GY    0.00    2.00
 699    -0.3800 GY    0.00    2.00
 700    -0.3800 GY    0.00    2.00
 704    -0.3800 GY    0.00    2.00
 705    -0.3800 GY    0.00    2.00
 708    -0.3800 GY    0.00    3.00
 709    -0.3800 GY    0.00    3.00
 710    -0.3800 GY    0.00    2.00
 711    -0.3800 GY    0.00    2.00
1382    -0.3800 GY    0.00    2.00
1385    -0.3800 GY    0.00    2.00
1388    -0.3800 GY    0.00    2.00
1390    -0.3800 GY    0.00    2.00
1394    -0.3800 GY    0.00    2.00
```

```
   STAAD SPACE                                           -- PAGE NO.   32

  1396    -0.3800 GY    0.00     2.00
  1400    -0.3800 GY    0.00     2.00
  1402    -0.3800 GY    0.00     2.00
  1439    -0.3800 GY    0.00     2.00
  1447    -0.3800 GY    0.00     2.00
  1451    -0.3800 GY    0.00     2.00
  1457    -0.3800 GY    0.00     2.00
  1461    -0.3800 GY    0.00     2.00
  1467    -0.3800 GY    0.00     2.00
  1473    -0.3800 GY    0.00     2.00
  1479    -0.3800 GY    0.00     2.00
  1512    -0.3800 GY    0.00     3.00
  1529    -0.3800 GY    0.00     3.00


   LOADING    4  LOADTYPE LIVE  TITLE CV INST
   -----------


   MEMBER LOAD - UNIT MTON METE

   MEMBER     UDL       L1      L2      CON      L     LIN1     LIN2

    111    -0.0700 GY    0.00     6.00
    113    -0.0700 GY    0.00     6.00
    114    -0.0700 GY    0.00     6.00
    115    -0.0700 GY    0.00     6.00
    116    -0.0700 GY    0.00     6.00
    117    -0.0700 GY    0.00     6.00
    118    -0.0700 GY    0.00     6.00
    119    -0.0700 GY    0.00     6.00
    131    -0.0700 GY    0.00     6.00
    132    -0.0700 GY    0.00     6.00
    133    -0.0700 GY    0.00     6.00
    134    -0.0700 GY    0.00     3.00
    135    -0.0700 GY    0.00     6.00
    140    -0.0700 GY    0.00     6.00
    141    -0.0700 GY    0.00     6.00
    142    -0.0700 GY    0.00     6.00
    143    -0.0700 GY    0.00     3.00
    144    -0.0700 GY    0.00     6.00
    156    -0.0700 GY    0.00     6.00
    158    -0.0700 GY    0.00     6.00
    159    -0.0700 GY    0.00     6.00
    160    -0.0700 GY    0.00     6.00
    161    -0.0700 GY    0.00     6.00
    162    -0.0700 GY    0.00     6.00
    163    -0.0700 GY    0.00     6.00
    164    -0.0700 GY    0.00     6.00
    200    -0.0700 GY    0.00     3.00
    213    -0.0700 GY    0.00     3.00
   1205    -0.0700 GY    0.00     3.00
   1209    -0.0700 GY    0.00     3.00
    120    -0.1400 GY    0.00     6.00
    121    -0.1400 GY    0.00     6.00
    122    -0.1400 GY    0.00     6.00
```

```
123    -0.1400 GY    0.00    6.00
124    -0.1400 GY    0.00    6.00
125    -0.1400 GY    0.00    6.00
126    -0.1400 GY    0.00    6.00
127    -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
136    -0.1400 GY    0.00    6.00
137    -0.1400 GY    0.00    6.00
138    -0.1400 GY    0.00    6.00
139    -0.1400 GY    0.00    6.00
145    -0.1400 GY    0.00    6.00
146    -0.1400 GY    0.00    6.00
147    -0.1400 GY    0.00    6.00
148    -0.1400 GY    0.00    6.00
149    -0.1400 GY    0.00    6.00
150    -0.1400 GY    0.00    6.00
151    -0.1400 GY    0.00    6.00
152    -0.1400 GY    0.00    6.00
153    -0.1400 GY    0.00    6.00
154    -0.1400 GY    0.00    6.00
155    -0.1400 GY    0.00    3.00
165    -0.1400 GY    0.00    3.00
166    -0.1400 GY    0.00    3.00
172    -0.1400 GY    0.00    6.00
173    -0.1400 GY    0.00    6.00
178    -0.1400 GY    0.00    6.00
179    -0.1400 GY    0.00    6.00
184    -0.1400 GY    0.00    6.00
185    -0.1400 GY    0.00    6.00
190    -0.1400 GY    0.00    6.00
191    -0.1400 GY    0.00    6.00
196    -0.1400 GY    0.00    6.00
197    -0.1400 GY    0.00    6.00
204    -0.1400 GY    0.00    6.00
205    -0.1400 GY    0.00    6.00
208    -0.1400 GY    0.00    6.00
209    -0.1400 GY    0.00    6.00
222    -0.1400 GY    0.00    6.00
223    -0.1400 GY    0.00    6.00
224    -0.1400 GY    0.00    6.00
225    -0.1400 GY    0.00    6.00
226    -0.1400 GY    0.00    6.00
227    -0.1400 GY    0.00    6.00
228    -0.1400 GY    0.00    6.00
229    -0.1400 GY    0.00    6.00
238    -0.1400 GY    0.00    6.00
239    -0.1400 GY    0.00    6.00
240    -0.1400 GY    0.00    6.00
241    -0.1400 GY    0.00    6.00
242    -0.1400 GY    0.00    6.00
243    -0.1400 GY    0.00    6.00
244    -0.1400 GY    0.00    6.00
245    -0.1400 GY    0.00    6.00
254    -0.1400 GY    0.00    6.00
```

STAAD SPACE   -- PAGE NO.   34

```
 255    -0.1400 GY    0.00     6.00
 256    -0.1400 GY    0.00     6.00
 257    -0.1400 GY    0.00     6.00
 258    -0.1400 GY    0.00     6.00
 259    -0.1400 GY    0.00     6.00
 260    -0.1400 GY    0.00     6.00
 261    -0.1400 GY    0.00     6.00
 270    -0.1400 GY    0.00     6.00
 271    -0.1400 GY    0.00     6.00
 272    -0.1400 GY    0.00     6.00
 273    -0.1400 GY    0.00     6.00
 274    -0.1400 GY    0.00     6.00
 275    -0.1400 GY    0.00     6.00
 276    -0.1400 GY    0.00     6.00
 277    -0.1400 GY    0.00     6.00
 286    -0.1400 GY    0.00     6.00
 287    -0.1400 GY    0.00     6.00
 288    -0.1400 GY    0.00     6.00
 289    -0.1400 GY    0.00     6.00
 290    -0.1400 GY    0.00     6.00
 291    -0.1400 GY    0.00     6.00
 292    -0.1400 GY    0.00     6.00
 293    -0.1400 GY    0.00     6.00
 306    -0.1400 GY    0.00     6.00
 307    -0.1400 GY    0.00     6.00
 308    -0.1400 GY    0.00     6.00
 309    -0.1400 GY    0.00     6.00
 310    -0.1400 GY    0.00     6.00
 311    -0.1400 GY    0.00     6.00
 312    -0.1400 GY    0.00     6.00
 313    -0.1400 GY    0.00     6.00
 314    -0.1400 GY    0.00     6.00
 315    -0.1400 GY    0.00     6.00
 326    -0.1400 GY    0.00     6.00
 327    -0.1400 GY    0.00     6.00
 328    -0.1400 GY    0.00     6.00
 329    -0.1400 GY    0.00     6.00
 330    -0.1400 GY    0.00     6.00
 331    -0.1400 GY    0.00     6.00
 332    -0.1400 GY    0.00     3.00
 333    -0.1400 GY    0.00     3.00
 334    -0.1400 GY    0.00     6.00
 335    -0.1400 GY    0.00     6.00
 341    -0.1400 GY    0.00     6.00
 342    -0.1400 GY    0.00     6.00
 347    -0.1400 GY    0.00     3.00
 348    -0.1400 GY    0.00     3.00
1204    -0.1400 GY    0.00     3.00
1210    -0.1400 GY    0.00     3.00
1213    -0.1400 GY    0.00     3.00
1215    -0.1400 GY    0.00     3.00
1535    -0.1400 GY    0.00     3.00
1537    -0.1400 GY    0.00     3.00
1538    -0.1400 GY    0.00     3.00
 453    -0.1800 GY    0.00     6.00
 454    -0.1800 GY    0.00     6.00
```

```
 455    -0.1800 GY    0.00     6.00
 456    -0.1800 GY    0.00     6.00
 457    -0.1800 GY    0.00     6.00
 458    -0.1800 GY    0.00     6.00
 459    -0.1800 GY    0.00     6.00
 460    -0.1800 GY    0.00     6.00
 461    -0.1800 GY    0.00     6.00
 473    -0.1800 GY    0.00     2.00
 474    -0.1800 GY    0.00     2.00
 475    -0.1800 GY    0.00     2.00
 477    -0.1800 GY    0.00     2.00
 482    -0.1800 GY    0.00     2.00
 483    -0.1800 GY    0.00     2.00
 484    -0.1800 GY    0.00     2.00
 486    -0.1800 GY    0.00     2.00
 488    -0.1800 GY    0.00     6.00
 497    -0.1800 GY    0.00     3.00
 498    -0.1800 GY    0.00     6.00
 500    -0.1800 GY    0.00     6.00
 501    -0.1800 GY    0.00     6.00
 502    -0.1800 GY    0.00     6.00
 503    -0.1800 GY    0.00     6.00
 504    -0.1800 GY    0.00     6.00
 505    -0.1800 GY    0.00     6.00
 506    -0.1800 GY    0.00     6.00
 555    -0.1800 GY    0.00     3.00
 706    -0.1800 GY    0.00     3.00
 707    -0.1800 GY    0.00     3.00
1361    -0.1800 GY    0.00     3.00
1405    -0.1800 GY    0.00     2.00
1406    -0.1800 GY    0.00     2.00
1407    -0.1800 GY    0.00     1.50
1408    -0.1800 GY    0.00     1.50
1409    -0.1800 GY    0.00     2.00
1410    -0.1800 GY    0.00     0.50
1411    -0.1800 GY    0.00     2.00
1412    -0.1800 GY    0.00     0.50
1413    -0.1800 GY    0.00     2.00
1414    -0.1800 GY    0.00     2.00
1415    -0.1800 GY    0.00     1.50
1416    -0.1800 GY    0.00     2.00
1417    -0.1800 GY    0.00     0.50
1418    -0.1800 GY    0.00     1.50
1419    -0.1800 GY    0.00     2.00
1420    -0.1800 GY    0.00     0.50
1421    -0.1800 GY    0.00     2.00
1422    -0.1800 GY    0.00     2.00
1423    -0.1800 GY    0.00     1.50
1424    -0.1800 GY    0.00     2.00
1425    -0.1800 GY    0.00     0.50
1426    -0.1800 GY    0.00     1.50
1427    -0.1800 GY    0.00     2.00
1428    -0.1800 GY    0.00     0.50
1429    -0.1800 GY    0.00     2.00
1430    -0.1800 GY    0.00     2.00
1431    -0.1800 GY    0.00     1.50
```

STAAD SPACE   -- PAGE NO.   36

```
1432     -0.1800 GY    0.00    1.50
1433     -0.1800 GY    0.00    2.00
1434     -0.1800 GY    0.00    0.50
1435     -0.1800 GY    0.00    2.00
1436     -0.1800 GY    0.00    0.50
1438     -0.1800 GY    0.00    0.50
1443     -0.1800 GY    0.00    0.50
1449     -0.1800 GY    0.00    0.50
1453     -0.1800 GY    0.00    0.50
1459     -0.1800 GY    0.00    0.50
1463     -0.1800 GY    0.00    0.50
1471     -0.1800 GY    0.00    0.50
1475     -0.1800 GY    0.00    0.50
1490     -0.1800 GY    0.00    1.50
1497     -0.1800 GY    0.00    1.50
1498     -0.1800 GY    0.00    1.50
1500     -0.1800 GY    0.00    1.50
1501     -0.1800 GY    0.00    1.50
1506     -0.1800 GY    0.00    1.50
1519     -0.1800 GY    0.00    1.50
1520     -0.1800 GY    0.00    1.50
1525     -0.1800 GY    0.00    3.00
 462     -0.3600 GY    0.00    6.00
 463     -0.3600 GY    0.00    6.00
 464     -0.3600 GY    0.00    6.00
 465     -0.3600 GY    0.00    5.50
 466     -0.3600 GY    0.00    6.00
 467     -0.3600 GY    0.00    6.00
 468     -0.3600 GY    0.00    6.00
 469     -0.3600 GY    0.00    6.00
 470     -0.3600 GY    0.00    6.00
 471     -0.3600 GY    0.00    6.00
 472     -0.3600 GY    0.00    6.00
 478     -0.3600 GY    0.00    6.00
 479     -0.3600 GY    0.00    6.00
 480     -0.3600 GY    0.00    6.00
 481     -0.3600 GY    0.00    6.00
 487     -0.3600 GY    0.00    6.00
 489     -0.3600 GY    0.00    6.00
 490     -0.3600 GY    0.00    6.00
 491     -0.3600 GY    0.00    6.00
 492     -0.3600 GY    0.00    6.00
 493     -0.3600 GY    0.00    6.00
 494     -0.3600 GY    0.00    6.00
 495     -0.3600 GY    0.00    6.00
 496     -0.3600 GY    0.00    6.00
 514     -0.3600 GY    0.00    6.00
 515     -0.3600 GY    0.00    6.00
 520     -0.3600 GY    0.00    6.00
 521     -0.3600 GY    0.00    6.00
 526     -0.3600 GY    0.00    6.00
 527     -0.3600 GY    0.00    6.00
 532     -0.3600 GY    0.00    6.00
 533     -0.3600 GY    0.00    6.00
 538     -0.3600 GY    0.00    6.00
 539     -0.3600 GY    0.00    6.00
```

```
542    -0.3600 GY    0.00    6.00
543    -0.3600 GY    0.00    6.00
546    -0.3600 GY    0.00    6.00
547    -0.3600 GY    0.00    6.00
550    -0.3600 GY    0.00    6.00
551    -0.3600 GY    0.00    6.00
564    -0.3600 GY    0.00    6.00
565    -0.3600 GY    0.00    6.00
566    -0.3600 GY    0.00    6.00
567    -0.3600 GY    0.00    6.00
568    -0.3600 GY    0.00    6.00
569    -0.3600 GY    0.00    6.00
570    -0.3600 GY    0.00    6.00
571    -0.3600 GY    0.00    6.00
580    -0.3600 GY    0.00    6.00
581    -0.3600 GY    0.00    6.00
582    -0.3600 GY    0.00    6.00
583    -0.3600 GY    0.00    6.00
584    -0.3600 GY    0.00    6.00
585    -0.3600 GY    0.00    6.00
586    -0.3600 GY    0.00    6.00
587    -0.3600 GY    0.00    6.00
596    -0.3600 GY    0.00    6.00
597    -0.3600 GY    0.00    6.00
598    -0.3600 GY    0.00    6.00
599    -0.3600 GY    0.00    6.00
600    -0.3600 GY    0.00    6.00
601    -0.3600 GY    0.00    6.00
602    -0.3600 GY    0.00    6.00
603    -0.3600 GY    0.00    6.00
612    -0.3600 GY    0.00    6.00
613    -0.3600 GY    0.00    6.00
614    -0.3600 GY    0.00    6.00
615    -0.3600 GY    0.00    6.00
616    -0.3600 GY    0.00    6.00
617    -0.3600 GY    0.00    6.00
618    -0.3600 GY    0.00    6.00
619    -0.3600 GY    0.00    6.00
628    -0.3600 GY    0.00    6.00
629    -0.3600 GY    0.00    6.00
630    -0.3600 GY    0.00    6.00
631    -0.3600 GY    0.00    6.00
632    -0.3600 GY    0.00    6.00
633    -0.3600 GY    0.00    6.00
634    -0.3600 GY    0.00    6.00
635    -0.3600 GY    0.00    6.00
648    -0.3600 GY    0.00    6.00
649    -0.3600 GY    0.00    6.00
650    -0.3600 GY    0.00    6.00
651    -0.3600 GY    0.00    6.00
652    -0.3600 GY    0.00    6.00
653    -0.3600 GY    0.00    6.00
654    -0.3600 GY    0.00    6.00
655    -0.3600 GY    0.00    6.00
656    -0.3600 GY    0.00    6.00
657    -0.3600 GY    0.00    6.00
```

```
 668     -0.3600 GY     0.00      6.00
 669     -0.3600 GY     0.00      6.00
 670     -0.3600 GY     0.00      6.00
 671     -0.3600 GY     0.00      6.00
 672     -0.3600 GY     0.00      6.00
 673     -0.3600 GY     0.00      6.00
 676     -0.3600 GY     0.00      6.00
 677     -0.3600 GY     0.00      6.00
 683     -0.3600 GY     0.00      6.00
 684     -0.3600 GY     0.00      6.00
1362     -0.3600 GY     0.00      3.00
1365     -0.3600 GY     0.00      3.00
1481     -0.3600 GY     0.00      3.00
1482     -0.3600 GY     0.00      3.00
1486     -0.3600 GY     0.00      3.00
1487     -0.3600 GY     0.00      3.00
1488     -0.3600 GY     0.00      0.50
1529     -0.3600 GY     0.00      3.00
 473     -0.1400 GY     0.00      2.00
 474     -0.1400 GY     0.00      2.00
 475     -0.1400 GY     0.00      2.00
 477     -0.1400 GY     0.00      2.00
 482     -0.1400 GY     0.00      2.00
 483     -0.1400 GY     0.00      2.00
 484     -0.1400 GY     0.00      2.00
 486     -0.1400 GY     0.00      2.00
 488     -0.1400 GY     0.00      6.00
 497     -0.1400 GY     0.00      3.00
 706     -0.1400 GY     0.00      3.00
 707     -0.1400 GY     0.00      3.00
1406     -0.1400 GY     0.00      2.00
1411     -0.1400 GY     0.00      2.00
1414     -0.1400 GY     0.00      2.00
1419     -0.1400 GY     0.00      2.00
1422     -0.1400 GY     0.00      2.00
1427     -0.1400 GY     0.00      2.00
1430     -0.1400 GY     0.00      2.00
1435     -0.1400 GY     0.00      2.00
1524     -0.1400 GY     0.00      3.00
 674     -0.2700 GY     0.00      3.00
 675     -0.2700 GY     0.00      6.00
 694     -0.2700 GY     0.00      2.00
 695     -0.2700 GY     0.00      2.00
 699     -0.2700 GY     0.00      2.00
 700     -0.2700 GY     0.00      2.00
 704     -0.2700 GY     0.00      2.00
 705     -0.2700 GY     0.00      2.00
 708     -0.2700 GY     0.00      3.00
 709     -0.2700 GY     0.00      3.00
 710     -0.2700 GY     0.00      2.00
 711     -0.2700 GY     0.00      2.00
1382     -0.2700 GY     0.00      2.00
1385     -0.2700 GY     0.00      2.00
1388     -0.2700 GY     0.00      2.00
1390     -0.2700 GY     0.00      2.00
1394     -0.2700 GY     0.00      2.00
```

STAAD SPACE   -- PAGE NO.   39

```
1396    -0.2700 GY    0.00    2.00
1400    -0.2700 GY    0.00    2.00
1402    -0.2700 GY    0.00    2.00
1439    -0.2700 GY    0.00    2.00
1447    -0.2700 GY    0.00    2.00
1451    -0.2700 GY    0.00    2.00
1457    -0.2700 GY    0.00    2.00
1461    -0.2700 GY    0.00    2.00
1467    -0.2700 GY    0.00    2.00
1473    -0.2700 GY    0.00    2.00
1479    -0.2700 GY    0.00    2.00
1512    -0.2700 GY    0.00    3.00
1529    -0.2700 GY    0.00    3.00


LOADING    5  LOADTYPE LIVE  TITLE CV MEDIA
-----------


MEMBER LOAD - UNIT MTON METE

MEMBER      UDL       L1      L2      CON       L    LIN1      LIN2

 111    -0.0150 GY    0.00    6.00
 113    -0.0150 GY    0.00    6.00
 114    -0.0150 GY    0.00    6.00
 115    -0.0150 GY    0.00    6.00
 116    -0.0150 GY    0.00    6.00
 117    -0.0150 GY    0.00    6.00
 118    -0.0150 GY    0.00    6.00
 119    -0.0150 GY    0.00    6.00
 131    -0.0150 GY    0.00    6.00
 132    -0.0150 GY    0.00    6.00
 133    -0.0150 GY    0.00    6.00
 134    -0.0150 GY    0.00    3.00
 135    -0.0150 GY    0.00    6.00
 140    -0.0150 GY    0.00    6.00
 141    -0.0150 GY    0.00    6.00
 142    -0.0150 GY    0.00    6.00
 143    -0.0150 GY    0.00    3.00
 144    -0.0150 GY    0.00    6.00
 156    -0.0150 GY    0.00    6.00
 158    -0.0150 GY    0.00    6.00
 159    -0.0150 GY    0.00    6.00
 160    -0.0150 GY    0.00    6.00
 161    -0.0150 GY    0.00    6.00
 162    -0.0150 GY    0.00    6.00
 163    -0.0150 GY    0.00    6.00
 164    -0.0150 GY    0.00    6.00
 200    -0.0150 GY    0.00    3.00
 213    -0.0150 GY    0.00    3.00
1205    -0.0150 GY    0.00    3.00
1209    -0.0150 GY    0.00    3.00
 120    -0.0300 GY    0.00    6.00
 121    -0.0300 GY    0.00    6.00
 122    -0.0300 GY    0.00    6.00
```

```
123     -0.0300 GY     0.00     6.00
124     -0.0300 GY     0.00     6.00
125     -0.0300 GY     0.00     6.00
126     -0.0300 GY     0.00     6.00
127     -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
136     -0.0300 GY     0.00     6.00
137     -0.0300 GY     0.00     6.00
138     -0.0300 GY     0.00     6.00
139     -0.0300 GY     0.00     6.00
145     -0.0300 GY     0.00     6.00
146     -0.0300 GY     0.00     6.00
147     -0.0300 GY     0.00     6.00
148     -0.0300 GY     0.00     6.00
149     -0.0300 GY     0.00     6.00
150     -0.0300 GY     0.00     6.00
151     -0.0300 GY     0.00     6.00
152     -0.0300 GY     0.00     6.00
153     -0.0300 GY     0.00     6.00
154     -0.0300 GY     0.00     6.00
155     -0.0300 GY     0.00     3.00
165     -0.0300 GY     0.00     3.00
166     -0.0300 GY     0.00     3.00
172     -0.0300 GY     0.00     6.00
173     -0.0300 GY     0.00     6.00
178     -0.0300 GY     0.00     6.00
179     -0.0300 GY     0.00     6.00
184     -0.0300 GY     0.00     6.00
185     -0.0300 GY     0.00     6.00
190     -0.0300 GY     0.00     6.00
191     -0.0300 GY     0.00     6.00
196     -0.0300 GY     0.00     6.00
197     -0.0300 GY     0.00     6.00
204     -0.0300 GY     0.00     6.00
205     -0.0300 GY     0.00     6.00
208     -0.0300 GY     0.00     6.00
209     -0.0300 GY     0.00     6.00
222     -0.0300 GY     0.00     6.00
223     -0.0300 GY     0.00     6.00
224     -0.0300 GY     0.00     6.00
225     -0.0300 GY     0.00     6.00
226     -0.0300 GY     0.00     6.00
227     -0.0300 GY     0.00     6.00
228     -0.0300 GY     0.00     6.00
229     -0.0300 GY     0.00     6.00
238     -0.0300 GY     0.00     6.00
239     -0.0300 GY     0.00     6.00
240     -0.0300 GY     0.00     6.00
241     -0.0300 GY     0.00     6.00
242     -0.0300 GY     0.00     6.00
243     -0.0300 GY     0.00     6.00
244     -0.0300 GY     0.00     6.00
245     -0.0300 GY     0.00     6.00
254     -0.0300 GY     0.00     6.00
```

```
 255    -0.0300 GY    0.00     6.00
 256    -0.0300 GY    0.00     6.00
 257    -0.0300 GY    0.00     6.00
 258    -0.0300 GY    0.00     6.00
 259    -0.0300 GY    0.00     6.00
 260    -0.0300 GY    0.00     6.00
 261    -0.0300 GY    0.00     6.00
 270    -0.0300 GY    0.00     6.00
 271    -0.0300 GY    0.00     6.00
 272    -0.0300 GY    0.00     6.00
 273    -0.0300 GY    0.00     6.00
 274    -0.0300 GY    0.00     6.00
 275    -0.0300 GY    0.00     6.00
 276    -0.0300 GY    0.00     6.00
 277    -0.0300 GY    0.00     6.00
 286    -0.0300 GY    0.00     6.00
 287    -0.0300 GY    0.00     6.00
 288    -0.0300 GY    0.00     6.00
 289    -0.0300 GY    0.00     6.00
 290    -0.0300 GY    0.00     6.00
 291    -0.0300 GY    0.00     6.00
 292    -0.0300 GY    0.00     6.00
 293    -0.0300 GY    0.00     6.00
 306    -0.0300 GY    0.00     6.00
 307    -0.0300 GY    0.00     6.00
 308    -0.0300 GY    0.00     6.00
 309    -0.0300 GY    0.00     6.00
 310    -0.0300 GY    0.00     6.00
 311    -0.0300 GY    0.00     6.00
 312    -0.0300 GY    0.00     6.00
 313    -0.0300 GY    0.00     6.00
 314    -0.0300 GY    0.00     6.00
 315    -0.0300 GY    0.00     6.00
 326    -0.0300 GY    0.00     6.00
 327    -0.0300 GY    0.00     6.00
 328    -0.0300 GY    0.00     6.00
 329    -0.0300 GY    0.00     6.00
 330    -0.0300 GY    0.00     6.00
 331    -0.0300 GY    0.00     6.00
 332    -0.0300 GY    0.00     3.00
 333    -0.0300 GY    0.00     3.00
 334    -0.0300 GY    0.00     6.00
 335    -0.0300 GY    0.00     6.00
 341    -0.0300 GY    0.00     6.00
 342    -0.0300 GY    0.00     6.00
 347    -0.0300 GY    0.00     3.00
 348    -0.0300 GY    0.00     3.00
1204    -0.0300 GY    0.00     3.00
1210    -0.0300 GY    0.00     3.00
1213    -0.0300 GY    0.00     3.00
1215    -0.0300 GY    0.00     3.00
1535    -0.0300 GY    0.00     3.00
1537    -0.0300 GY    0.00     3.00
1538    -0.0300 GY    0.00     3.00
 453    -0.1000 GY    0.00     6.00
 454    -0.1000 GY    0.00     6.00
```

STAAD SPACE   -- PAGE NO.   42

```
 455     -0.1000 GY     0.00     6.00
 456     -0.1000 GY     0.00     6.00
 457     -0.1000 GY     0.00     6.00
 458     -0.1000 GY     0.00     6.00
 459     -0.1000 GY     0.00     6.00
 460     -0.1000 GY     0.00     6.00
 461     -0.1000 GY     0.00     6.00
 473     -0.1000 GY     0.00     2.00
 474     -0.1000 GY     0.00     2.00
 475     -0.1000 GY     0.00     2.00
 477     -0.1000 GY     0.00     2.00
 482     -0.1000 GY     0.00     2.00
 483     -0.1000 GY     0.00     2.00
 484     -0.1000 GY     0.00     2.00
 486     -0.1000 GY     0.00     2.00
 488     -0.1000 GY     0.00     6.00
 497     -0.1000 GY     0.00     3.00
 498     -0.1000 GY     0.00     6.00
 500     -0.1000 GY     0.00     6.00
 501     -0.1000 GY     0.00     6.00
 502     -0.1000 GY     0.00     6.00
 503     -0.1000 GY     0.00     6.00
 504     -0.1000 GY     0.00     6.00
 505     -0.1000 GY     0.00     6.00
 506     -0.1000 GY     0.00     6.00
 555     -0.1000 GY     0.00     3.00
 706     -0.1000 GY     0.00     3.00
 707     -0.1000 GY     0.00     3.00
1361     -0.1000 GY     0.00     3.00
1405     -0.1000 GY     0.00     2.00
1406     -0.1000 GY     0.00     2.00
1407     -0.1000 GY     0.00     1.50
1408     -0.1000 GY     0.00     1.50
1409     -0.1000 GY     0.00     2.00
1410     -0.1000 GY     0.00     0.50
1411     -0.1000 GY     0.00     2.00
1412     -0.1000 GY     0.00     0.50
1413     -0.1000 GY     0.00     2.00
1414     -0.1000 GY     0.00     2.00
1415     -0.1000 GY     0.00     1.50
1416     -0.1000 GY     0.00     2.00
1417     -0.1000 GY     0.00     0.50
1418     -0.1000 GY     0.00     1.50
1419     -0.1000 GY     0.00     2.00
1420     -0.1000 GY     0.00     0.50
1421     -0.1000 GY     0.00     2.00
1422     -0.1000 GY     0.00     2.00
1423     -0.1000 GY     0.00     1.50
1424     -0.1000 GY     0.00     2.00
1425     -0.1000 GY     0.00     0.50
1426     -0.1000 GY     0.00     1.50
1427     -0.1000 GY     0.00     2.00
1428     -0.1000 GY     0.00     0.50
1429     -0.1000 GY     0.00     2.00
1430     -0.1000 GY     0.00     2.00
1431     -0.1000 GY     0.00     1.50
```

```
1432    -0.1000 GY      0.00      1.50
1433    -0.1000 GY      0.00      2.00
1434    -0.1000 GY      0.00      0.50
1435    -0.1000 GY      0.00      2.00
1436    -0.1000 GY      0.00      0.50
1438    -0.1000 GY      0.00      0.50
1443    -0.1000 GY      0.00      0.50
1449    -0.1000 GY      0.00      0.50
1453    -0.1000 GY      0.00      0.50
1459    -0.1000 GY      0.00      0.50
1463    -0.1000 GY      0.00      0.50
1471    -0.1000 GY      0.00      0.50
1475    -0.1000 GY      0.00      0.50
1490    -0.1000 GY      0.00      1.50
1497    -0.1000 GY      0.00      1.50
1498    -0.1000 GY      0.00      1.50
1500    -0.1000 GY      0.00      1.50
1501    -0.1000 GY      0.00      1.50
1506    -0.1000 GY      0.00      1.50
1519    -0.1000 GY      0.00      1.50
1520    -0.1000 GY      0.00      1.50
1525    -0.1000 GY      0.00      3.00
 462    -0.2000 GY      0.00      6.00
 463    -0.2000 GY      0.00      6.00
 464    -0.2000 GY      0.00      6.00
 465    -0.2000 GY      0.00      5.50
 466    -0.2000 GY      0.00      6.00
 467    -0.2000 GY      0.00      6.00
 468    -0.2000 GY      0.00      6.00
 469    -0.2000 GY      0.00      6.00
 470    -0.2000 GY      0.00      6.00
 471    -0.2000 GY      0.00      6.00
 472    -0.2000 GY      0.00      6.00
 478    -0.2000 GY      0.00      6.00
 479    -0.2000 GY      0.00      6.00
 480    -0.2000 GY      0.00      6.00
 481    -0.2000 GY      0.00      6.00
 487    -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
 492    -0.2000 GY      0.00      6.00
 493    -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
 514    -0.2000 GY      0.00      6.00
 515    -0.2000 GY      0.00      6.00
 520    -0.2000 GY      0.00      6.00
 521    -0.2000 GY      0.00      6.00
 526    -0.2000 GY      0.00      6.00
 527    -0.2000 GY      0.00      6.00
 532    -0.2000 GY      0.00      6.00
 533    -0.2000 GY      0.00      6.00
 538    -0.2000 GY      0.00      6.00
 539    -0.2000 GY      0.00      6.00
```

```
542    -0.2000 GY    0.00    6.00
543    -0.2000 GY    0.00    6.00
546    -0.2000 GY    0.00    6.00
547    -0.2000 GY    0.00    6.00
550    -0.2000 GY    0.00    6.00
551    -0.2000 GY    0.00    6.00
564    -0.2000 GY    0.00    6.00
565    -0.2000 GY    0.00    6.00
566    -0.2000 GY    0.00    6.00
567    -0.2000 GY    0.00    6.00
568    -0.2000 GY    0.00    6.00
569    -0.2000 GY    0.00    6.00
570    -0.2000 GY    0.00    6.00
571    -0.2000 GY    0.00    6.00
580    -0.2000 GY    0.00    6.00
581    -0.2000 GY    0.00    6.00
582    -0.2000 GY    0.00    6.00
583    -0.2000 GY    0.00    6.00
584    -0.2000 GY    0.00    6.00
585    -0.2000 GY    0.00    6.00
586    -0.2000 GY    0.00    6.00
587    -0.2000 GY    0.00    6.00
596    -0.2000 GY    0.00    6.00
597    -0.2000 GY    0.00    6.00
598    -0.2000 GY    0.00    6.00
599    -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
612    -0.2000 GY    0.00    6.00
613    -0.2000 GY    0.00    6.00
614    -0.2000 GY    0.00    6.00
615    -0.2000 GY    0.00    6.00
616    -0.2000 GY    0.00    6.00
617    -0.2000 GY    0.00    6.00
618    -0.2000 GY    0.00    6.00
619    -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
632    -0.2000 GY    0.00    6.00
633    -0.2000 GY    0.00    6.00
634    -0.2000 GY    0.00    6.00
635    -0.2000 GY    0.00    6.00
648    -0.2000 GY    0.00    6.00
649    -0.2000 GY    0.00    6.00
650    -0.2000 GY    0.00    6.00
651    -0.2000 GY    0.00    6.00
652    -0.2000 GY    0.00    6.00
653    -0.2000 GY    0.00    6.00
654    -0.2000 GY    0.00    6.00
655    -0.2000 GY    0.00    6.00
656    -0.2000 GY    0.00    6.00
657    -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
 676    -0.2000 GY    0.00     6.00
 677    -0.2000 GY    0.00     6.00
 683    -0.2000 GY    0.00     6.00
 684    -0.2000 GY    0.00     6.00
1362    -0.2000 GY    0.00     3.00
1365    -0.2000 GY    0.00     3.00
1481    -0.2000 GY    0.00     3.00
1482    -0.2000 GY    0.00     3.00
1486    -0.2000 GY    0.00     3.00
1487    -0.2000 GY    0.00     3.00
1488    -0.2000 GY    0.00     0.50
 473    -0.0750 GY    0.00     2.00
 474    -0.0750 GY    0.00     2.00
 475    -0.0750 GY    0.00     2.00
 477    -0.0750 GY    0.00     2.00
 482    -0.0750 GY    0.00     2.00
 483    -0.0750 GY    0.00     2.00
 484    -0.0750 GY    0.00     2.00
 486    -0.0750 GY    0.00     2.00
 488    -0.0750 GY    0.00     6.00
 497    -0.0750 GY    0.00     3.00
 706    -0.0750 GY    0.00     3.00
 707    -0.0750 GY    0.00     3.00
1406    -0.0750 GY    0.00     2.00
1411    -0.0750 GY    0.00     2.00
1414    -0.0750 GY    0.00     2.00
1419    -0.0750 GY    0.00     2.00
1422    -0.0750 GY    0.00     2.00
1427    -0.0750 GY    0.00     2.00
1430    -0.0750 GY    0.00     2.00
1435    -0.0750 GY    0.00     2.00
1524    -0.0750 GY    0.00     3.00
 674    -0.1500 GY    0.00     3.00
 675    -0.1500 GY    0.00     6.00
 694    -0.1500 GY    0.00     2.00
 695    -0.1500 GY    0.00     2.00
 699    -0.1500 GY    0.00     2.00
 700    -0.1500 GY    0.00     2.00
 704    -0.1500 GY    0.00     2.00
 705    -0.1500 GY    0.00     2.00
 708    -0.1500 GY    0.00     3.00
 709    -0.1500 GY    0.00     3.00
 710    -0.1500 GY    0.00     2.00
 711    -0.1500 GY    0.00     2.00
1382    -0.1500 GY    0.00     2.00
1385    -0.1500 GY    0.00     2.00
1388    -0.1500 GY    0.00     2.00
1390    -0.1500 GY    0.00     2.00
1394    -0.1500 GY    0.00     2.00
1396    -0.1500 GY    0.00     2.00
```

STAAD SPACE   -- PAGE NO.   46

```
1400    -0.1500 GY    0.00    2.00
1402    -0.1500 GY    0.00    2.00
1439    -0.1500 GY    0.00    2.00
1447    -0.1500 GY    0.00    2.00
1451    -0.1500 GY    0.00    2.00
1457    -0.1500 GY    0.00    2.00
1461    -0.1500 GY    0.00    2.00
1467    -0.1500 GY    0.00    2.00
1473    -0.1500 GY    0.00    2.00
1479    -0.1500 GY    0.00    2.00
1512    -0.1500 GY    0.00    3.00
1529    -0.1500 GY    0.00    3.00
```

LOADING   6 LOADTYPE DEAD TITLE EQUIPOS

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
204				-0.2150 GY	2.00		
205				-0.2150 GY	2.00		
208				-0.2150 GY	2.00		
209				-0.2150 GY	2.00		
241				-1.8000 GY	3.00		

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
215	-1.0000 GY	0.65	2.00				
231	-1.0000 GY	0.65	2.00				
123				-2.4300 GY	3.00		
216	-1.0000 GY	0.00	0.65				
232	-1.0000 GY	0.00	0.65				
665				-0.8500 GY	1.50		
1524				-0.8500 GY	1.50		
1525				-0.8500 GY	1.50		
1545				-0.8500 GY	1.50		
1548				-0.8500 GY	1.50		
1549				-0.8500 GY	1.50		
1552				-0.8500 GY	1.50		
1554				-0.8500 GY	1.50		
1556				-0.8500 GY	1.50		

JOINT LOAD - UNIT MTON METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
129	0.00	-0.22	0.00	0.00	0.00	0.00
130	0.00	-0.22	0.00	0.00	0.00	0.00
137	0.00	-0.22	0.00	0.00	0.00	0.00

```
  STAAD SPACE                                          -- PAGE NO.   47

   138      0.00      -0.22       0.00      0.00      0.00       0.00


  MEMBER LOAD - UNIT MTON METE

  MEMBER     UDL      L1      L2       CON       L     LIN1      LIN2

    37    -1.0000 GY   0.00    2.00
    48    -1.0000 GY   0.00    2.00


  LOADING    7  LOADTYPE NONE   TITLE ARRIATES
  -----------


  MEMBER LOAD - UNIT MTON METE

  MEMBER     UDL      L1      L2       CON       L     LIN1      LIN2

  1381    -1.8000 GY   0.00    2.00
  1383    -1.8000 GY   0.00    2.00
  1387    -1.8000 GY   0.00    2.00
  1389    -1.8000 GY   0.00    2.00
  1393    -1.8000 GY   0.00    2.00
  1395    -1.8000 GY   0.00    2.00
  1399    -1.8000 GY   0.00    2.00
  1401    -1.8000 GY   0.00    2.00
  1381                          -0.7500 GY   1.00
  1383                          -0.7500 GY   1.00
  1387                          -0.7500 GY   1.00
  1389                          -0.7500 GY   1.00
  1393                          -0.7500 GY   1.00
  1395                          -0.7500 GY   1.00
  1399                          -0.7500 GY   1.00
  1401                          -0.7500 GY   1.00


  LOADING    8  LOADTYPE SEISMIC  TITLE SISMO EN X
  -----------

     SELFWEIGHT  X    1.000

   ACTUAL WEIGHT OF THE STRUCTURE =     237.735 MTON

     SELFWEIGHT  Y    1.000

   ACTUAL WEIGHT OF THE STRUCTURE =     237.735 MTON

     SELFWEIGHT  Z    1.000

   ACTUAL WEIGHT OF THE STRUCTURE =     237.735 MTON
```

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
2	0.1020 GX	0.00	2.00				
4	0.1020 GX	0.00	2.00				
6	0.1020 GX	0.00	2.00				
8	0.1020 GX	0.00	2.00				
10	0.1020 GX	0.00	2.00				
83	0.1020 GX	0.00	2.00				
101	0.1020 GX	0.00	2.00				
103	0.1020 GX	0.00	2.00				
105	0.1020 GX	0.00	2.00				
107	0.1020 GX	0.00	2.00				
109	0.1020 GX	0.00	2.00				
111	0.1020 GX	0.00	6.00				
112	0.1020 GX	0.00	3.00				
113	0.1020 GX	0.00	6.00				
114	0.1020 GX	0.00	6.00				
115	0.1020 GX	0.00	6.00				
116	0.1020 GX	0.00	6.00				
117	0.1020 GX	0.00	6.00				
118	0.1020 GX	0.00	6.00				
119	0.1020 GX	0.00	6.00				
156	0.1020 GX	0.00	6.00				
157	0.1020 GX	0.00	3.00				
158	0.1020 GX	0.00	6.00				
159	0.1020 GX	0.00	6.00				
160	0.1020 GX	0.00	6.00				
161	0.1020 GX	0.00	6.00				
162	0.1020 GX	0.00	6.00				
163	0.1020 GX	0.00	6.00				
164	0.1020 GX	0.00	6.00				
168	0.1020 GX	0.00	2.00				
169	0.1020 GX	0.00	2.00				
174	0.1020 GX	0.00	2.00				
175	0.1020 GX	0.00	2.00				
180	0.1020 GX	0.00	2.00				
181	0.1020 GX	0.00	2.00				
186	0.1020 GX	0.00	2.00				
187	0.1020 GX	0.00	2.00				
192	0.1020 GX	0.00	2.00				
193	0.1020 GX	0.00	2.00				
298	0.1020 GX	0.00	2.00				
299	0.1020 GX	0.00	2.00				
316	0.1020 GX	0.00	2.00				
317	0.1020 GX	0.00	2.00				
318	0.1020 GX	0.00	2.00				
319	0.1020 GX	0.00	2.00				
320	0.1020 GX	0.00	2.00				
321	0.1020 GX	0.00	2.00				
322	0.1020 GX	0.00	1.00				
323	0.1020 GX	0.00	2.00				
324	0.1020 GX	0.00	2.00				

```
 325    0.1020 GX    0.00    2.00
 338    0.1020 GX    0.00    2.00
 339    0.1020 GX    0.00    2.00
 340    0.1020 GX    0.00    2.00
 350    0.1020 GX    0.00    2.00
 352    0.1020 GX    0.00    2.00
 354    0.1020 GX    0.00    2.00
 356    0.1020 GX    0.00    2.00
 358    0.1020 GX    0.00    2.00
 443    0.1020 GX    0.00    2.00
 445    0.1020 GX    0.00    2.00
 447    0.1020 GX    0.00    2.00
 449    0.1020 GX    0.00    1.50
 451    0.1020 GX    0.00    2.00
 453    0.1020 GX    0.00    6.00
 454    0.1020 GX    0.00    6.00
 455    0.1020 GX    0.00    6.00
 456    0.1020 GX    0.00    6.00
 457    0.1020 GX    0.00    6.00
 458    0.1020 GX    0.00    6.00
 459    0.1020 GX    0.00    6.00
 460    0.1020 GX    0.00    6.00
 461    0.1020 GX    0.00    6.00
 498    0.1020 GX    0.00    6.00
 499    0.1020 GX    0.00    3.00
 500    0.1020 GX    0.00    6.00
 501    0.1020 GX    0.00    6.00
 502    0.1020 GX    0.00    6.00
 503    0.1020 GX    0.00    6.00
 504    0.1020 GX    0.00    6.00
 505    0.1020 GX    0.00    6.00
 506    0.1020 GX    0.00    6.00
 510    0.1020 GX    0.00    2.00
 511    0.1020 GX    0.00    2.00
 516    0.1020 GX    0.00    2.00
 517    0.1020 GX    0.00    2.00
 522    0.1020 GX    0.00    2.00
 523    0.1020 GX    0.00    2.00
 528    0.1020 GX    0.00    2.00
 529    0.1020 GX    0.00    2.00
 534    0.1020 GX    0.00    2.00
 535    0.1020 GX    0.00    2.00
 658    0.1020 GX    0.00    2.00
 659    0.1020 GX    0.00    2.00
 660    0.1020 GX    0.00    2.00
 661    0.1020 GX    0.00    2.00
 662    0.1020 GX    0.00    2.00
 663    0.1020 GX    0.00    2.00
 664    0.1020 GX    0.00    1.50
 665    0.1020 GX    0.00    3.00
 666    0.1020 GX    0.00    2.00
 667    0.1020 GX    0.00    2.00
1205    0.1020 GX    0.00    3.00
1209    0.1020 GX    0.00    3.00
1361    0.1020 GX    0.00    3.00
1533    0.1020 GX    0.00    1.00
```

STAAD SPACE   -- PAGE NO.   50

```
131     0.1350 GX    0.00     6.00
132     0.1350 GX    0.00     6.00
133     0.1350 GX    0.00     6.00
134     0.1350 GX    0.00     3.00
140     0.1350 GX    0.00     6.00
141     0.1350 GX    0.00     6.00
142     0.1350 GX    0.00     6.00
143     0.1350 GX    0.00     3.00
```

MEMBER LOAD - UNIT MTON METE

```
MEMBER     UDL       L1      L2      CON       L     LIN1      LIN2

    2     0.1020 GY    0.00     2.00
    4     0.1020 GY    0.00     2.00
    6     0.1020 GY    0.00     2.00
    8     0.1020 GY    0.00     2.00
   10     0.1020 GY    0.00     2.00
   83     0.1020 GY    0.00     2.00
  101     0.1020 GY    0.00     2.00
  103     0.1020 GY    0.00     2.00
  105     0.1020 GY    0.00     2.00
  107     0.1020 GY    0.00     2.00
  109     0.1020 GY    0.00     2.00
  111     0.1020 GY    0.00     6.00
  112     0.1020 GY    0.00     3.00
  113     0.1020 GY    0.00     6.00
  114     0.1020 GY    0.00     6.00
  115     0.1020 GY    0.00     6.00
  116     0.1020 GY    0.00     6.00
  117     0.1020 GY    0.00     6.00
  118     0.1020 GY    0.00     6.00
  119     0.1020 GY    0.00     6.00
  156     0.1020 GY    0.00     6.00
  157     0.1020 GY    0.00     3.00
  158     0.1020 GY    0.00     6.00
  159     0.1020 GY    0.00     6.00
  160     0.1020 GY    0.00     6.00
  161     0.1020 GY    0.00     6.00
  162     0.1020 GY    0.00     6.00
  163     0.1020 GY    0.00     6.00
  164     0.1020 GY    0.00     6.00
  168     0.1020 GY    0.00     2.00
  169     0.1020 GY    0.00     2.00
  174     0.1020 GY    0.00     2.00
  175     0.1020 GY    0.00     2.00
  180     0.1020 GY    0.00     2.00
  181     0.1020 GY    0.00     2.00
  186     0.1020 GY    0.00     2.00
  187     0.1020 GY    0.00     2.00
  192     0.1020 GY    0.00     2.00
  193     0.1020 GY    0.00     2.00
  298     0.1020 GY    0.00     2.00
  299     0.1020 GY    0.00     2.00
  316     0.1020 GY    0.00     2.00
```

```
317     0.1020 GY     0.00      2.00
318     0.1020 GY     0.00      2.00
319     0.1020 GY     0.00      2.00
320     0.1020 GY     0.00      2.00
321     0.1020 GY     0.00      2.00
322     0.1020 GY     0.00      1.00
323     0.1020 GY     0.00      2.00
324     0.1020 GY     0.00      2.00
325     0.1020 GY     0.00      2.00
338     0.1020 GY     0.00      2.00
339     0.1020 GY     0.00      2.00
340     0.1020 GY     0.00      2.00
350     0.1020 GY     0.00      2.00
352     0.1020 GY     0.00      2.00
354     0.1020 GY     0.00      2.00
356     0.1020 GY     0.00      2.00
358     0.1020 GY     0.00      2.00
443     0.1020 GY     0.00      2.00
445     0.1020 GY     0.00      2.00
447     0.1020 GY     0.00      2.00
449     0.1020 GY     0.00      1.50
451     0.1020 GY     0.00      2.00
453     0.1020 GY     0.00      6.00
454     0.1020 GY     0.00      6.00
455     0.1020 GY     0.00      6.00
456     0.1020 GY     0.00      6.00
457     0.1020 GY     0.00      6.00
458     0.1020 GY     0.00      6.00
459     0.1020 GY     0.00      6.00
460     0.1020 GY     0.00      6.00
461     0.1020 GY     0.00      6.00
498     0.1020 GY     0.00      6.00
499     0.1020 GY     0.00      3.00
500     0.1020 GY     0.00      6.00
501     0.1020 GY     0.00      6.00
502     0.1020 GY     0.00      6.00
503     0.1020 GY     0.00      6.00
504     0.1020 GY     0.00      6.00
505     0.1020 GY     0.00      6.00
506     0.1020 GY     0.00      6.00
510     0.1020 GY     0.00      2.00
511     0.1020 GY     0.00      2.00
516     0.1020 GY     0.00      2.00
517     0.1020 GY     0.00      2.00
522     0.1020 GY     0.00      2.00
523     0.1020 GY     0.00      2.00
528     0.1020 GY     0.00      2.00
529     0.1020 GY     0.00      2.00
534     0.1020 GY     0.00      2.00
535     0.1020 GY     0.00      2.00
658     0.1020 GY     0.00      2.00
659     0.1020 GY     0.00      2.00
660     0.1020 GY     0.00      2.00
661     0.1020 GY     0.00      2.00
662     0.1020 GY     0.00      2.00
663     0.1020 GY     0.00      2.00
```

```
 664    0.1020 GY   0.00    1.50
 665    0.1020 GY   0.00    3.00
 666    0.1020 GY   0.00    2.00
 667    0.1020 GY   0.00    2.00
1205    0.1020 GY   0.00    3.00
1209    0.1020 GY   0.00    3.00
1361    0.1020 GY   0.00    3.00
1533    0.1020 GY   0.00    1.00
 131    0.1350 GY   0.00    6.00
 132    0.1350 GY   0.00    6.00
 133    0.1350 GY   0.00    6.00
 134    0.1350 GY   0.00    3.00
 140    0.1350 GY   0.00    6.00
 141    0.1350 GY   0.00    6.00
 142    0.1350 GY   0.00    6.00
 143    0.1350 GY   0.00    3.00


MEMBER LOAD - UNIT MTON METE

MEMBER    UDL      L1     L2     CON      L     LIN1     LIN2

   2    0.1020 GZ   0.00    2.00
   4    0.1020 GZ   0.00    2.00
   6    0.1020 GZ   0.00    2.00
   8    0.1020 GZ   0.00    2.00
  10    0.1020 GZ   0.00    2.00
  83    0.1020 GZ   0.00    2.00
 101    0.1020 GZ   0.00    2.00
 103    0.1020 GZ   0.00    2.00
 105    0.1020 GZ   0.00    2.00
 107    0.1020 GZ   0.00    2.00
 109    0.1020 GZ   0.00    2.00
 111    0.1020 GZ   0.00    6.00
 112    0.1020 GZ   0.00    3.00
 113    0.1020 GZ   0.00    6.00
 114    0.1020 GZ   0.00    6.00
 115    0.1020 GZ   0.00    6.00
 116    0.1020 GZ   0.00    6.00
 117    0.1020 GZ   0.00    6.00
 118    0.1020 GZ   0.00    6.00
 119    0.1020 GZ   0.00    6.00
 156    0.1020 GZ   0.00    6.00
 157    0.1020 GZ   0.00    3.00
 158    0.1020 GZ   0.00    6.00
 159    0.1020 GZ   0.00    6.00
 160    0.1020 GZ   0.00    6.00
 161    0.1020 GZ   0.00    6.00
 162    0.1020 GZ   0.00    6.00
 163    0.1020 GZ   0.00    6.00
 164    0.1020 GZ   0.00    6.00
 168    0.1020 GZ   0.00    2.00
 169    0.1020 GZ   0.00    2.00
 174    0.1020 GZ   0.00    2.00
 175    0.1020 GZ   0.00    2.00
 180    0.1020 GZ   0.00    2.00
```

```
181    0.1020 GZ    0.00    2.00
186    0.1020 GZ    0.00    2.00
187    0.1020 GZ    0.00    2.00
192    0.1020 GZ    0.00    2.00
193    0.1020 GZ    0.00    2.00
298    0.1020 GZ    0.00    2.00
299    0.1020 GZ    0.00    2.00
316    0.1020 GZ    0.00    2.00
317    0.1020 GZ    0.00    2.00
318    0.1020 GZ    0.00    2.00
319    0.1020 GZ    0.00    2.00
320    0.1020 GZ    0.00    2.00
321    0.1020 GZ    0.00    2.00
322    0.1020 GZ    0.00    1.00
323    0.1020 GZ    0.00    2.00
324    0.1020 GZ    0.00    2.00
325    0.1020 GZ    0.00    2.00
338    0.1020 GZ    0.00    2.00
339    0.1020 GZ    0.00    2.00
340    0.1020 GZ    0.00    2.00
350    0.1020 GZ    0.00    2.00
352    0.1020 GZ    0.00    2.00
354    0.1020 GZ    0.00    2.00
356    0.1020 GZ    0.00    2.00
358    0.1020 GZ    0.00    2.00
443    0.1020 GZ    0.00    2.00
445    0.1020 GZ    0.00    2.00
447    0.1020 GZ    0.00    2.00
449    0.1020 GZ    0.00    1.50
451    0.1020 GZ    0.00    2.00
453    0.1020 GZ    0.00    6.00
454    0.1020 GZ    0.00    6.00
455    0.1020 GZ    0.00    6.00
456    0.1020 GZ    0.00    6.00
457    0.1020 GZ    0.00    6.00
458    0.1020 GZ    0.00    6.00
459    0.1020 GZ    0.00    6.00
460    0.1020 GZ    0.00    6.00
461    0.1020 GZ    0.00    6.00
498    0.1020 GZ    0.00    6.00
499    0.1020 GZ    0.00    3.00
500    0.1020 GZ    0.00    6.00
501    0.1020 GZ    0.00    6.00
502    0.1020 GZ    0.00    6.00
503    0.1020 GZ    0.00    6.00
504    0.1020 GZ    0.00    6.00
505    0.1020 GZ    0.00    6.00
506    0.1020 GZ    0.00    6.00
510    0.1020 GZ    0.00    2.00
511    0.1020 GZ    0.00    2.00
516    0.1020 GZ    0.00    2.00
517    0.1020 GZ    0.00    2.00
522    0.1020 GZ    0.00    2.00
523    0.1020 GZ    0.00    2.00
528    0.1020 GZ    0.00    2.00
529    0.1020 GZ    0.00    2.00
```

STAAD SPACE   -- PAGE NO.   54

```
 534     0.1020 GZ    0.00    2.00
 535     0.1020 GZ    0.00    2.00
 658     0.1020 GZ    0.00    2.00
 659     0.1020 GZ    0.00    2.00
 660     0.1020 GZ    0.00    2.00
 661     0.1020 GZ    0.00    2.00
 662     0.1020 GZ    0.00    2.00
 663     0.1020 GZ    0.00    2.00
 664     0.1020 GZ    0.00    1.50
 665     0.1020 GZ    0.00    3.00
 666     0.1020 GZ    0.00    2.00
 667     0.1020 GZ    0.00    2.00
1205     0.1020 GZ    0.00    3.00
1209     0.1020 GZ    0.00    3.00
1361     0.1020 GZ    0.00    3.00
1533     0.1020 GZ    0.00    1.00
 131     0.1350 GZ    0.00    6.00
 132     0.1350 GZ    0.00    6.00
 133     0.1350 GZ    0.00    6.00
 134     0.1350 GZ    0.00    3.00
 140     0.1350 GZ    0.00    6.00
 141     0.1350 GZ    0.00    6.00
 142     0.1350 GZ    0.00    6.00
 143     0.1350 GZ    0.00    3.00
```

MEMBER LOAD - UNIT MTON METE

```
MEMBER     UDL       L1      L2      CON      L      LIN1      LIN2

 111     0.4700 GX    0.00    6.00
 113     0.4700 GX    0.00    6.00
 114     0.4700 GX    0.00    6.00
 115     0.4700 GX    0.00    6.00
 116     0.4700 GX    0.00    6.00
 117     0.4700 GX    0.00    6.00
 118     0.4700 GX    0.00    6.00
 119     0.4700 GX    0.00    6.00
 131     0.4700 GX    0.00    6.00
 132     0.4700 GX    0.00    6.00
 133     0.4700 GX    0.00    6.00
 134     0.4700 GX    0.00    3.00
 135     0.4700 GX    0.00    6.00
 140     0.4700 GX    0.00    6.00
 141     0.4700 GX    0.00    6.00
 142     0.4700 GX    0.00    6.00
 143     0.4700 GX    0.00    3.00
 144     0.4700 GX    0.00    6.00
 156     0.4700 GX    0.00    6.00
 158     0.4700 GX    0.00    6.00
 159     0.4700 GX    0.00    6.00
 160     0.4700 GX    0.00    6.00
 161     0.4700 GX    0.00    6.00
 162     0.4700 GX    0.00    6.00
 163     0.4700 GX    0.00    6.00
 164     0.4700 GX    0.00    6.00
```

```
 200     0.4700 GX     0.00     3.00
 213     0.4700 GX     0.00     3.00
1205     0.4700 GX     0.00     3.00
1209     0.4700 GX     0.00     3.00
 120     0.9400 GX     0.00     6.00
 121     0.9400 GX     0.00     6.00
 122     0.9400 GX     0.00     6.00
 123     0.9400 GX     0.00     6.00
 124     0.9400 GX     0.00     6.00
 125     0.9400 GX     0.00     6.00
 126     0.9400 GX     0.00     6.00
 127     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
 136     0.9400 GX     0.00     6.00
 137     0.9400 GX     0.00     6.00
 138     0.9400 GX     0.00     6.00
 139     0.9400 GX     0.00     6.00
 145     0.9400 GX     0.00     6.00
 146     0.9400 GX     0.00     6.00
 147     0.9400 GX     0.00     6.00
 148     0.9400 GX     0.00     6.00
 149     0.9400 GX     0.00     6.00
 150     0.9400 GX     0.00     6.00
 151     0.9400 GX     0.00     6.00
 152     0.9400 GX     0.00     6.00
 153     0.9400 GX     0.00     6.00
 154     0.9400 GX     0.00     6.00
 155     0.9400 GX     0.00     3.00
 165     0.9400 GX     0.00     3.00
 166     0.9400 GX     0.00     3.00
 172     0.9400 GX     0.00     6.00
 173     0.9400 GX     0.00     6.00
 178     0.9400 GX     0.00     6.00
 179     0.9400 GX     0.00     6.00
 184     0.9400 GX     0.00     6.00
 185     0.9400 GX     0.00     6.00
 190     0.9400 GX     0.00     6.00
 191     0.9400 GX     0.00     6.00
 196     0.9400 GX     0.00     6.00
 197     0.9400 GX     0.00     6.00
 204     0.9400 GX     0.00     6.00
 205     0.9400 GX     0.00     6.00
 208     0.9400 GX     0.00     6.00
 209     0.9400 GX     0.00     6.00
 222     0.9400 GX     0.00     6.00
 223     0.9400 GX     0.00     6.00
 224     0.9400 GX     0.00     6.00
 225     0.9400 GX     0.00     6.00
 226     0.9400 GX     0.00     6.00
 227     0.9400 GX     0.00     6.00
 228     0.9400 GX     0.00     6.00
 229     0.9400 GX     0.00     6.00
 238     0.9400 GX     0.00     6.00
 239     0.9400 GX     0.00     6.00
```

```
240     0.9400 GX    0.00     6.00
241     0.9400 GX    0.00     6.00
242     0.9400 GX    0.00     6.00
243     0.9400 GX    0.00     6.00
244     0.9400 GX    0.00     6.00
245     0.9400 GX    0.00     6.00
254     0.9400 GX    0.00     6.00
255     0.9400 GX    0.00     6.00
256     0.9400 GX    0.00     6.00
257     0.9400 GX    0.00     6.00
258     0.9400 GX    0.00     6.00
259     0.9400 GX    0.00     6.00
260     0.9400 GX    0.00     6.00
261     0.9400 GX    0.00     6.00
270     0.9400 GX    0.00     6.00
271     0.9400 GX    0.00     6.00
272     0.9400 GX    0.00     6.00
273     0.9400 GX    0.00     6.00
274     0.9400 GX    0.00     6.00
275     0.9400 GX    0.00     6.00
276     0.9400 GX    0.00     6.00
277     0.9400 GX    0.00     6.00
286     0.9400 GX    0.00     6.00
287     0.9400 GX    0.00     6.00
288     0.9400 GX    0.00     6.00
289     0.9400 GX    0.00     6.00
290     0.9400 GX    0.00     6.00
291     0.9400 GX    0.00     6.00
292     0.9400 GX    0.00     6.00
293     0.9400 GX    0.00     6.00
306     0.9400 GX    0.00     6.00
307     0.9400 GX    0.00     6.00
308     0.9400 GX    0.00     6.00
309     0.9400 GX    0.00     6.00
310     0.9400 GX    0.00     6.00
311     0.9400 GX    0.00     6.00
312     0.9400 GX    0.00     6.00
313     0.9400 GX    0.00     6.00
314     0.9400 GX    0.00     6.00
315     0.9400 GX    0.00     6.00
326     0.9400 GX    0.00     6.00
327     0.9400 GX    0.00     6.00
328     0.9400 GX    0.00     6.00
329     0.9400 GX    0.00     6.00
330     0.9400 GX    0.00     6.00
331     0.9400 GX    0.00     6.00
332     0.9400 GX    0.00     3.00
333     0.9400 GX    0.00     3.00
334     0.9400 GX    0.00     6.00
335     0.9400 GX    0.00     6.00
341     0.9400 GX    0.00     6.00
342     0.9400 GX    0.00     6.00
347     0.9400 GX    0.00     3.00
348     0.9400 GX    0.00     3.00
1204    0.9400 GX    0.00     3.00
1210    0.9400 GX    0.00     3.00
```

```
1213    0.9400 GX    0.00    3.00
1215    0.9400 GX    0.00    3.00
1535    0.9400 GX    0.00    3.00
1537    0.9400 GX    0.00    3.00
1538    0.9400 GX    0.00    3.00
 453    0.4000 GX    0.00    6.00
 454    0.4000 GX    0.00    6.00
 455    0.4000 GX    0.00    6.00
 456    0.4000 GX    0.00    6.00
 457    0.4000 GX    0.00    6.00
 458    0.4000 GX    0.00    6.00
 459    0.4000 GX    0.00    6.00
 460    0.4000 GX    0.00    6.00
 461    0.4000 GX    0.00    6.00
 473    0.4000 GX    0.00    2.00
 474    0.4000 GX    0.00    2.00
 475    0.4000 GX    0.00    2.00
 477    0.4000 GX    0.00    2.00
 482    0.4000 GX    0.00    2.00
 483    0.4000 GX    0.00    2.00
 484    0.4000 GX    0.00    2.00
 486    0.4000 GX    0.00    2.00
 488    0.4000 GX    0.00    6.00
 497    0.4000 GX    0.00    3.00
 498    0.4000 GX    0.00    6.00
 500    0.4000 GX    0.00    6.00
 501    0.4000 GX    0.00    6.00
 502    0.4000 GX    0.00    6.00
 503    0.4000 GX    0.00    6.00
 504    0.4000 GX    0.00    6.00
 505    0.4000 GX    0.00    6.00
 506    0.4000 GX    0.00    6.00
 555    0.4000 GX    0.00    3.00
 706    0.4000 GX    0.00    3.00
 707    0.4000 GX    0.00    3.00
1361    0.4000 GX    0.00    3.00
1405    0.4000 GX    0.00    2.00
1406    0.4000 GX    0.00    2.00
1407    0.4000 GX    0.00    1.50
1408    0.4000 GX    0.00    1.50
1409    0.4000 GX    0.00    2.00
1410    0.4000 GX    0.00    0.50
1411    0.4000 GX    0.00    2.00
1412    0.4000 GX    0.00    0.50
1413    0.4000 GX    0.00    2.00
1414    0.4000 GX    0.00    2.00
1415    0.4000 GX    0.00    1.50
1416    0.4000 GX    0.00    2.00
1417    0.4000 GX    0.00    0.50
1418    0.4000 GX    0.00    1.50
1419    0.4000 GX    0.00    2.00
1420    0.4000 GX    0.00    0.50
1421    0.4000 GX    0.00    2.00
1422    0.4000 GX    0.00    2.00
1423    0.4000 GX    0.00    1.50
1424    0.4000 GX    0.00    2.00
```

```
1425      0.4000 GX      0.00      0.50
1426      0.4000 GX      0.00      1.50
1427      0.4000 GX      0.00      2.00
1428      0.4000 GX      0.00      0.50
1429      0.4000 GX      0.00      2.00
1430      0.4000 GX      0.00      2.00
1431      0.4000 GX      0.00      1.50
1432      0.4000 GX      0.00      1.50
1433      0.4000 GX      0.00      2.00
1434      0.4000 GX      0.00      0.50
1435      0.4000 GX      0.00      2.00
1436      0.4000 GX      0.00      0.50
1438      0.4000 GX      0.00      0.50
1443      0.4000 GX      0.00      0.50
1449      0.4000 GX      0.00      0.50
1453      0.4000 GX      0.00      0.50
1459      0.4000 GX      0.00      0.50
1463      0.4000 GX      0.00      0.50
1471      0.4000 GX      0.00      0.50
1475      0.4000 GX      0.00      0.50
1490      0.4000 GX      0.00      1.50
1497      0.4000 GX      0.00      1.50
1498      0.4000 GX      0.00      1.50
1500      0.4000 GX      0.00      1.50
1501      0.4000 GX      0.00      1.50
1506      0.4000 GX      0.00      1.50
1519      0.4000 GX      0.00      1.50
1520      0.4000 GX      0.00      1.50
1525      0.4000 GX      0.00      3.00
 462      0.8000 GX      0.00      6.00
 463      0.8000 GX      0.00      6.00
 464      0.8000 GX      0.00      6.00
 465      0.8000 GX      0.00      5.50
 466      0.8000 GX      0.00      6.00
 467      0.8000 GX      0.00      6.00
 468      0.8000 GX      0.00      6.00
 469      0.8000 GX      0.00      6.00
 470      0.8000 GX      0.00      6.00
 471      0.8000 GX      0.00      6.00
 472      0.8000 GX      0.00      6.00
 478      0.8000 GX      0.00      6.00
 479      0.8000 GX      0.00      6.00
 480      0.8000 GX      0.00      6.00
 481      0.8000 GX      0.00      6.00
 487      0.8000 GX      0.00      6.00
 489      0.8000 GX      0.00      6.00
 490      0.8000 GX      0.00      6.00
 491      0.8000 GX      0.00      6.00
 492      0.8000 GX      0.00      6.00
 493      0.8000 GX      0.00      6.00
 494      0.8000 GX      0.00      6.00
 495      0.8000 GX      0.00      6.00
 496      0.8000 GX      0.00      6.00
 514      0.8000 GX      0.00      6.00
 515      0.8000 GX      0.00      6.00
 520      0.8000 GX      0.00      6.00
```

```
521     0.8000 GX     0.00     6.00
526     0.8000 GX     0.00     6.00
527     0.8000 GX     0.00     6.00
532     0.8000 GX     0.00     6.00
533     0.8000 GX     0.00     6.00
538     0.8000 GX     0.00     6.00
539     0.8000 GX     0.00     6.00
542     0.8000 GX     0.00     6.00
543     0.8000 GX     0.00     6.00
546     0.8000 GX     0.00     6.00
547     0.8000 GX     0.00     6.00
550     0.8000 GX     0.00     6.00
551     0.8000 GX     0.00     6.00
564     0.8000 GX     0.00     6.00
565     0.8000 GX     0.00     6.00
566     0.8000 GX     0.00     6.00
567     0.8000 GX     0.00     6.00
568     0.8000 GX     0.00     6.00
569     0.8000 GX     0.00     6.00
570     0.8000 GX     0.00     6.00
571     0.8000 GX     0.00     6.00
580     0.8000 GX     0.00     6.00
581     0.8000 GX     0.00     6.00
582     0.8000 GX     0.00     6.00
583     0.8000 GX     0.00     6.00
584     0.8000 GX     0.00     6.00
585     0.8000 GX     0.00     6.00
586     0.8000 GX     0.00     6.00
587     0.8000 GX     0.00     6.00
596     0.8000 GX     0.00     6.00
597     0.8000 GX     0.00     6.00
598     0.8000 GX     0.00     6.00
599     0.8000 GX     0.00     6.00
600     0.8000 GX     0.00     6.00
601     0.8000 GX     0.00     6.00
602     0.8000 GX     0.00     6.00
603     0.8000 GX     0.00     6.00
612     0.8000 GX     0.00     6.00
613     0.8000 GX     0.00     6.00
614     0.8000 GX     0.00     6.00
615     0.8000 GX     0.00     6.00
616     0.8000 GX     0.00     6.00
617     0.8000 GX     0.00     6.00
618     0.8000 GX     0.00     6.00
619     0.8000 GX     0.00     6.00
628     0.8000 GX     0.00     6.00
629     0.8000 GX     0.00     6.00
630     0.8000 GX     0.00     6.00
631     0.8000 GX     0.00     6.00
632     0.8000 GX     0.00     6.00
633     0.8000 GX     0.00     6.00
634     0.8000 GX     0.00     6.00
635     0.8000 GX     0.00     6.00
648     0.8000 GX     0.00     6.00
649     0.8000 GX     0.00     6.00
650     0.8000 GX     0.00     6.00
```

```
 651     0.8000 GX     0.00     6.00
 652     0.8000 GX     0.00     6.00
 653     0.8000 GX     0.00     6.00
 654     0.8000 GX     0.00     6.00
 655     0.8000 GX     0.00     6.00
 656     0.8000 GX     0.00     6.00
 657     0.8000 GX     0.00     6.00
 668     0.8000 GX     0.00     6.00
 669     0.8000 GX     0.00     6.00
 670     0.8000 GX     0.00     6.00
 671     0.8000 GX     0.00     6.00
 672     0.8000 GX     0.00     6.00
 673     0.8000 GX     0.00     6.00
 676     0.8000 GX     0.00     6.00
 677     0.8000 GX     0.00     6.00
 683     0.8000 GX     0.00     6.00
 684     0.8000 GX     0.00     6.00
1362     0.8000 GX     0.00     3.00
1365     0.8000 GX     0.00     3.00
1481     0.8000 GX     0.00     3.00
1482     0.8000 GX     0.00     3.00
1486     0.8000 GX     0.00     3.00
1487     0.8000 GX     0.00     3.00
1488     0.8000 GX     0.00     0.50
 473     0.3000 GX     0.00     2.00
 474     0.3000 GX     0.00     2.00
 475     0.3000 GX     0.00     2.00
 477     0.3000 GX     0.00     2.00
 482     0.3000 GX     0.00     2.00
 483     0.3000 GX     0.00     2.00
 484     0.3000 GX     0.00     2.00
 486     0.3000 GX     0.00     2.00
 488     0.3000 GX     0.00     6.00
 497     0.3000 GX     0.00     3.00
 706     0.3000 GX     0.00     3.00
 707     0.3000 GX     0.00     3.00
1406     0.3000 GX     0.00     2.00
1411     0.3000 GX     0.00     2.00
1414     0.3000 GX     0.00     2.00
1419     0.3000 GX     0.00     2.00
1422     0.3000 GX     0.00     2.00
1427     0.3000 GX     0.00     2.00
1430     0.3000 GX     0.00     2.00
1435     0.3000 GX     0.00     2.00
1524     0.3000 GX     0.00     3.00
 674     0.6000 GX     0.00     3.00
 675     0.6000 GX     0.00     6.00
 694     0.6000 GX     0.00     2.00
 695     0.6000 GX     0.00     2.00
 699     0.6000 GX     0.00     2.00
 700     0.6000 GX     0.00     2.00
 704     0.6000 GX     0.00     2.00
 705     0.6000 GX     0.00     2.00
 708     0.6000 GX     0.00     3.00
 709     0.6000 GX     0.00     3.00
 710     0.6000 GX     0.00     2.00
```

```
  STAAD SPACE                                           -- PAGE NO.   61

   711     0.6000 GX    0.00      2.00
  1382     0.6000 GX    0.00      2.00
  1385     0.6000 GX    0.00      2.00
  1388     0.6000 GX    0.00      2.00
  1390     0.6000 GX    0.00      2.00
  1394     0.6000 GX    0.00      2.00
  1396     0.6000 GX    0.00      2.00
  1400     0.6000 GX    0.00      2.00
  1402     0.6000 GX    0.00      2.00
  1439     0.6000 GX    0.00      2.00
  1447     0.6000 GX    0.00      2.00
  1451     0.6000 GX    0.00      2.00
  1457     0.6000 GX    0.00      2.00
  1461     0.6000 GX    0.00      2.00
  1467     0.6000 GX    0.00      2.00
  1473     0.6000 GX    0.00      2.00
  1479     0.6000 GX    0.00      2.00
  1512     0.6000 GX    0.00      3.00
  1529     0.6000 GX    0.00      3.00


  MEMBER LOAD - UNIT MTON METE

  MEMBER      UDL       L1      L2      CON      L     LIN1      LIN2

   111     0.4700 GY    0.00      6.00
   113     0.4700 GY    0.00      6.00
   114     0.4700 GY    0.00      6.00
   115     0.4700 GY    0.00      6.00
   116     0.4700 GY    0.00      6.00
   117     0.4700 GY    0.00      6.00
   118     0.4700 GY    0.00      6.00
   119     0.4700 GY    0.00      6.00
   131     0.4700 GY    0.00      6.00
   132     0.4700 GY    0.00      6.00
   133     0.4700 GY    0.00      6.00
   134     0.4700 GY    0.00      3.00
   135     0.4700 GY    0.00      6.00
   140     0.4700 GY    0.00      6.00
   141     0.4700 GY    0.00      6.00
   142     0.4700 GY    0.00      6.00
   143     0.4700 GY    0.00      3.00
   144     0.4700 GY    0.00      6.00
   156     0.4700 GY    0.00      6.00
   158     0.4700 GY    0.00      6.00
   159     0.4700 GY    0.00      6.00
   160     0.4700 GY    0.00      6.00
   161     0.4700 GY    0.00      6.00
   162     0.4700 GY    0.00      6.00
   163     0.4700 GY    0.00      6.00
   164     0.4700 GY    0.00      6.00
   200     0.4700 GY    0.00      3.00
   213     0.4700 GY    0.00      3.00
  1205     0.4700 GY    0.00      3.00
  1209     0.4700 GY    0.00      3.00
   120     0.9400 GY    0.00      6.00
```

```
121    0.9400 GY    0.00    6.00
122    0.9400 GY    0.00    6.00
123    0.9400 GY    0.00    6.00
124    0.9400 GY    0.00    6.00
125    0.9400 GY    0.00    6.00
126    0.9400 GY    0.00    6.00
127    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
136    0.9400 GY    0.00    6.00
137    0.9400 GY    0.00    6.00
138    0.9400 GY    0.00    6.00
139    0.9400 GY    0.00    6.00
145    0.9400 GY    0.00    6.00
146    0.9400 GY    0.00    6.00
147    0.9400 GY    0.00    6.00
148    0.9400 GY    0.00    6.00
149    0.9400 GY    0.00    6.00
150    0.9400 GY    0.00    6.00
151    0.9400 GY    0.00    6.00
152    0.9400 GY    0.00    6.00
153    0.9400 GY    0.00    6.00
154    0.9400 GY    0.00    6.00
155    0.9400 GY    0.00    3.00
165    0.9400 GY    0.00    3.00
166    0.9400 GY    0.00    3.00
172    0.9400 GY    0.00    6.00
173    0.9400 GY    0.00    6.00
178    0.9400 GY    0.00    6.00
179    0.9400 GY    0.00    6.00
184    0.9400 GY    0.00    6.00
185    0.9400 GY    0.00    6.00
190    0.9400 GY    0.00    6.00
191    0.9400 GY    0.00    6.00
196    0.9400 GY    0.00    6.00
197    0.9400 GY    0.00    6.00
204    0.9400 GY    0.00    6.00
205    0.9400 GY    0.00    6.00
208    0.9400 GY    0.00    6.00
209    0.9400 GY    0.00    6.00
222    0.9400 GY    0.00    6.00
223    0.9400 GY    0.00    6.00
224    0.9400 GY    0.00    6.00
225    0.9400 GY    0.00    6.00
226    0.9400 GY    0.00    6.00
227    0.9400 GY    0.00    6.00
228    0.9400 GY    0.00    6.00
229    0.9400 GY    0.00    6.00
238    0.9400 GY    0.00    6.00
239    0.9400 GY    0.00    6.00
240    0.9400 GY    0.00    6.00
241    0.9400 GY    0.00    6.00
242    0.9400 GY    0.00    6.00
243    0.9400 GY    0.00    6.00
244    0.9400 GY    0.00    6.00
```

```
 245     0.9400 GY    0.00     6.00
 254     0.9400 GY    0.00     6.00
 255     0.9400 GY    0.00     6.00
 256     0.9400 GY    0.00     6.00
 257     0.9400 GY    0.00     6.00
 258     0.9400 GY    0.00     6.00
 259     0.9400 GY    0.00     6.00
 260     0.9400 GY    0.00     6.00
 261     0.9400 GY    0.00     6.00
 270     0.9400 GY    0.00     6.00
 271     0.9400 GY    0.00     6.00
 272     0.9400 GY    0.00     6.00
 273     0.9400 GY    0.00     6.00
 274     0.9400 GY    0.00     6.00
 275     0.9400 GY    0.00     6.00
 276     0.9400 GY    0.00     6.00
 277     0.9400 GY    0.00     6.00
 286     0.9400 GY    0.00     6.00
 287     0.9400 GY    0.00     6.00
 288     0.9400 GY    0.00     6.00
 289     0.9400 GY    0.00     6.00
 290     0.9400 GY    0.00     6.00
 291     0.9400 GY    0.00     6.00
 292     0.9400 GY    0.00     6.00
 293     0.9400 GY    0.00     6.00
 306     0.9400 GY    0.00     6.00
 307     0.9400 GY    0.00     6.00
 308     0.9400 GY    0.00     6.00
 309     0.9400 GY    0.00     6.00
 310     0.9400 GY    0.00     6.00
 311     0.9400 GY    0.00     6.00
 312     0.9400 GY    0.00     6.00
 313     0.9400 GY    0.00     6.00
 314     0.9400 GY    0.00     6.00
 315     0.9400 GY    0.00     6.00
 326     0.9400 GY    0.00     6.00
 327     0.9400 GY    0.00     6.00
 328     0.9400 GY    0.00     6.00
 329     0.9400 GY    0.00     6.00
 330     0.9400 GY    0.00     6.00
 331     0.9400 GY    0.00     6.00
 332     0.9400 GY    0.00     3.00
 333     0.9400 GY    0.00     3.00
 334     0.9400 GY    0.00     6.00
 335     0.9400 GY    0.00     6.00
 341     0.9400 GY    0.00     6.00
 342     0.9400 GY    0.00     6.00
 347     0.9400 GY    0.00     3.00
 348     0.9400 GY    0.00     3.00
1204     0.9400 GY    0.00     3.00
1210     0.9400 GY    0.00     3.00
1213     0.9400 GY    0.00     3.00
1215     0.9400 GY    0.00     3.00
1535     0.9400 GY    0.00     3.00
1537     0.9400 GY    0.00     3.00
1538     0.9400 GY    0.00     3.00
```

```
 453      0.4000 GY      0.00      6.00
 454      0.4000 GY      0.00      6.00
 455      0.4000 GY      0.00      6.00
 456      0.4000 GY      0.00      6.00
 457      0.4000 GY      0.00      6.00
 458      0.4000 GY      0.00      6.00
 459      0.4000 GY      0.00      6.00
 460      0.4000 GY      0.00      6.00
 461      0.4000 GY      0.00      6.00
 473      0.4000 GY      0.00      2.00
 474      0.4000 GY      0.00      2.00
 475      0.4000 GY      0.00      2.00
 477      0.4000 GY      0.00      2.00
 482      0.4000 GY      0.00      2.00
 483      0.4000 GY      0.00      2.00
 484      0.4000 GY      0.00      2.00
 486      0.4000 GY      0.00      2.00
 488      0.4000 GY      0.00      6.00
 497      0.4000 GY      0.00      3.00
 498      0.4000 GY      0.00      6.00
 500      0.4000 GY      0.00      6.00
 501      0.4000 GY      0.00      6.00
 502      0.4000 GY      0.00      6.00
 503      0.4000 GY      0.00      6.00
 504      0.4000 GY      0.00      6.00
 505      0.4000 GY      0.00      6.00
 506      0.4000 GY      0.00      6.00
 555      0.4000 GY      0.00      3.00
 706      0.4000 GY      0.00      3.00
 707      0.4000 GY      0.00      3.00
1361      0.4000 GY      0.00      3.00
1405      0.4000 GY      0.00      2.00
1406      0.4000 GY      0.00      2.00
1407      0.4000 GY      0.00      1.50
1408      0.4000 GY      0.00      1.50
1409      0.4000 GY      0.00      2.00
1410      0.4000 GY      0.00      0.50
1411      0.4000 GY      0.00      2.00
1412      0.4000 GY      0.00      0.50
1413      0.4000 GY      0.00      2.00
1414      0.4000 GY      0.00      2.00
1415      0.4000 GY      0.00      1.50
1416      0.4000 GY      0.00      2.00
1417      0.4000 GY      0.00      0.50
1418      0.4000 GY      0.00      1.50
1419      0.4000 GY      0.00      2.00
1420      0.4000 GY      0.00      0.50
1421      0.4000 GY      0.00      2.00
1422      0.4000 GY      0.00      2.00
1423      0.4000 GY      0.00      1.50
1424      0.4000 GY      0.00      2.00
1425      0.4000 GY      0.00      0.50
1426      0.4000 GY      0.00      1.50
1427      0.4000 GY      0.00      2.00
1428      0.4000 GY      0.00      0.50
1429      0.4000 GY      0.00      2.00
```

```
1430     0.4000 GY    0.00     2.00
1431     0.4000 GY    0.00     1.50
1432     0.4000 GY    0.00     1.50
1433     0.4000 GY    0.00     2.00
1434     0.4000 GY    0.00     0.50
1435     0.4000 GY    0.00     2.00
1436     0.4000 GY    0.00     0.50
1438     0.4000 GY    0.00     0.50
1443     0.4000 GY    0.00     0.50
1449     0.4000 GY    0.00     0.50
1453     0.4000 GY    0.00     0.50
1459     0.4000 GY    0.00     0.50
1463     0.4000 GY    0.00     0.50
1471     0.4000 GY    0.00     0.50
1475     0.4000 GY    0.00     0.50
1490     0.4000 GY    0.00     1.50
1497     0.4000 GY    0.00     1.50
1498     0.4000 GY    0.00     1.50
1500     0.4000 GY    0.00     1.50
1501     0.4000 GY    0.00     1.50
1506     0.4000 GY    0.00     1.50
1519     0.4000 GY    0.00     1.50
1520     0.4000 GY    0.00     1.50
1525     0.4000 GY    0.00     3.00
 462     0.8000 GY    0.00     6.00
 463     0.8000 GY    0.00     6.00
 464     0.8000 GY    0.00     6.00
 465     0.8000 GY    0.00     5.50
 466     0.8000 GY    0.00     6.00
 467     0.8000 GY    0.00     6.00
 468     0.8000 GY    0.00     6.00
 469     0.8000 GY    0.00     6.00
 470     0.8000 GY    0.00     6.00
 471     0.8000 GY    0.00     6.00
 472     0.8000 GY    0.00     6.00
 478     0.8000 GY    0.00     6.00
 479     0.8000 GY    0.00     6.00
 480     0.8000 GY    0.00     6.00
 481     0.8000 GY    0.00     6.00
 487     0.8000 GY    0.00     6.00
 489     0.8000 GY    0.00     6.00
 490     0.8000 GY    0.00     6.00
 491     0.8000 GY    0.00     6.00
 492     0.8000 GY    0.00     6.00
 493     0.8000 GY    0.00     6.00
 494     0.8000 GY    0.00     6.00
 495     0.8000 GY    0.00     6.00
 496     0.8000 GY    0.00     6.00
 514     0.8000 GY    0.00     6.00
 515     0.8000 GY    0.00     6.00
 520     0.8000 GY    0.00     6.00
 521     0.8000 GY    0.00     6.00
 526     0.8000 GY    0.00     6.00
 527     0.8000 GY    0.00     6.00
 532     0.8000 GY    0.00     6.00
 533     0.8000 GY    0.00     6.00
```

```
538     0.8000 GY     0.00     6.00
539     0.8000 GY     0.00     6.00
542     0.8000 GY     0.00     6.00
543     0.8000 GY     0.00     6.00
546     0.8000 GY     0.00     6.00
547     0.8000 GY     0.00     6.00
550     0.8000 GY     0.00     6.00
551     0.8000 GY     0.00     6.00
564     0.8000 GY     0.00     6.00
565     0.8000 GY     0.00     6.00
566     0.8000 GY     0.00     6.00
567     0.8000 GY     0.00     6.00
568     0.8000 GY     0.00     6.00
569     0.8000 GY     0.00     6.00
570     0.8000 GY     0.00     6.00
571     0.8000 GY     0.00     6.00
580     0.8000 GY     0.00     6.00
581     0.8000 GY     0.00     6.00
582     0.8000 GY     0.00     6.00
583     0.8000 GY     0.00     6.00
584     0.8000 GY     0.00     6.00
585     0.8000 GY     0.00     6.00
586     0.8000 GY     0.00     6.00
587     0.8000 GY     0.00     6.00
596     0.8000 GY     0.00     6.00
597     0.8000 GY     0.00     6.00
598     0.8000 GY     0.00     6.00
599     0.8000 GY     0.00     6.00
600     0.8000 GY     0.00     6.00
601     0.8000 GY     0.00     6.00
602     0.8000 GY     0.00     6.00
603     0.8000 GY     0.00     6.00
612     0.8000 GY     0.00     6.00
613     0.8000 GY     0.00     6.00
614     0.8000 GY     0.00     6.00
615     0.8000 GY     0.00     6.00
616     0.8000 GY     0.00     6.00
617     0.8000 GY     0.00     6.00
618     0.8000 GY     0.00     6.00
619     0.8000 GY     0.00     6.00
628     0.8000 GY     0.00     6.00
629     0.8000 GY     0.00     6.00
630     0.8000 GY     0.00     6.00
631     0.8000 GY     0.00     6.00
632     0.8000 GY     0.00     6.00
633     0.8000 GY     0.00     6.00
634     0.8000 GY     0.00     6.00
635     0.8000 GY     0.00     6.00
648     0.8000 GY     0.00     6.00
649     0.8000 GY     0.00     6.00
650     0.8000 GY     0.00     6.00
651     0.8000 GY     0.00     6.00
652     0.8000 GY     0.00     6.00
653     0.8000 GY     0.00     6.00
654     0.8000 GY     0.00     6.00
655     0.8000 GY     0.00     6.00
```

```
 656     0.8000 GY     0.00     6.00
 657     0.8000 GY     0.00     6.00
 668     0.8000 GY     0.00     6.00
 669     0.8000 GY     0.00     6.00
 670     0.8000 GY     0.00     6.00
 671     0.8000 GY     0.00     6.00
 672     0.8000 GY     0.00     6.00
 673     0.8000 GY     0.00     6.00
 676     0.8000 GY     0.00     6.00
 677     0.8000 GY     0.00     6.00
 683     0.8000 GY     0.00     6.00
 684     0.8000 GY     0.00     6.00
1362     0.8000 GY     0.00     3.00
1365     0.8000 GY     0.00     3.00
1481     0.8000 GY     0.00     3.00
1482     0.8000 GY     0.00     3.00
1486     0.8000 GY     0.00     3.00
1487     0.8000 GY     0.00     3.00
1488     0.8000 GY     0.00     0.50
 473     0.3000 GY     0.00     2.00
 474     0.3000 GY     0.00     2.00
 475     0.3000 GY     0.00     2.00
 477     0.3000 GY     0.00     2.00
 482     0.3000 GY     0.00     2.00
 483     0.3000 GY     0.00     2.00
 484     0.3000 GY     0.00     2.00
 486     0.3000 GY     0.00     2.00
 488     0.3000 GY     0.00     6.00
 497     0.3000 GY     0.00     3.00
 706     0.3000 GY     0.00     3.00
 707     0.3000 GY     0.00     3.00
1406     0.3000 GY     0.00     2.00
1411     0.3000 GY     0.00     2.00
1414     0.3000 GY     0.00     2.00
1419     0.3000 GY     0.00     2.00
1422     0.3000 GY     0.00     2.00
1427     0.3000 GY     0.00     2.00
1430     0.3000 GY     0.00     2.00
1435     0.3000 GY     0.00     2.00
1524     0.3000 GY     0.00     3.00
 674     0.6000 GY     0.00     3.00
 675     0.6000 GY     0.00     6.00
 694     0.6000 GY     0.00     2.00
 695     0.6000 GY     0.00     2.00
 699     0.6000 GY     0.00     2.00
 700     0.6000 GY     0.00     2.00
 704     0.6000 GY     0.00     2.00
 705     0.6000 GY     0.00     2.00
 708     0.6000 GY     0.00     3.00
 709     0.6000 GY     0.00     3.00
 710     0.6000 GY     0.00     2.00
 711     0.6000 GY     0.00     2.00
1382     0.6000 GY     0.00     2.00
1385     0.6000 GY     0.00     2.00
1388     0.6000 GY     0.00     2.00
1390     0.6000 GY     0.00     2.00
```

STAAD SPACE   -- PAGE NO.   68

```
1394     0.6000 GY     0.00     2.00
1396     0.6000 GY     0.00     2.00
1400     0.6000 GY     0.00     2.00
1402     0.6000 GY     0.00     2.00
1439     0.6000 GY     0.00     2.00
1447     0.6000 GY     0.00     2.00
1451     0.6000 GY     0.00     2.00
1457     0.6000 GY     0.00     2.00
1461     0.6000 GY     0.00     2.00
1467     0.6000 GY     0.00     2.00
1473     0.6000 GY     0.00     2.00
1479     0.6000 GY     0.00     2.00
1512     0.6000 GY     0.00     3.00
1529     0.6000 GY     0.00     3.00
```

MEMBER LOAD - UNIT MTON METE

```
MEMBER      UDL       L1       L2       CON       L      LIN1      LIN2

  111     0.4700 GZ     0.00     6.00
  113     0.4700 GZ     0.00     6.00
  114     0.4700 GZ     0.00     6.00
  115     0.4700 GZ     0.00     6.00
  116     0.4700 GZ     0.00     6.00
  117     0.4700 GZ     0.00     6.00
  118     0.4700 GZ     0.00     6.00
  119     0.4700 GZ     0.00     6.00
  131     0.4700 GZ     0.00     6.00
  132     0.4700 GZ     0.00     6.00
  133     0.4700 GZ     0.00     6.00
  134     0.4700 GZ     0.00     3.00
  135     0.4700 GZ     0.00     6.00
  140     0.4700 GZ     0.00     6.00
  141     0.4700 GZ     0.00     6.00
  142     0.4700 GZ     0.00     6.00
  143     0.4700 GZ     0.00     3.00
  144     0.4700 GZ     0.00     6.00
  156     0.4700 GZ     0.00     6.00
  158     0.4700 GZ     0.00     6.00
  159     0.4700 GZ     0.00     6.00
  160     0.4700 GZ     0.00     6.00
  161     0.4700 GZ     0.00     6.00
  162     0.4700 GZ     0.00     6.00
  163     0.4700 GZ     0.00     6.00
  164     0.4700 GZ     0.00     6.00
  200     0.4700 GZ     0.00     3.00
  213     0.4700 GZ     0.00     3.00
 1205     0.4700 GZ     0.00     3.00
 1209     0.4700 GZ     0.00     3.00
  120     0.9400 GZ     0.00     6.00
  121     0.9400 GZ     0.00     6.00
  122     0.9400 GZ     0.00     6.00
  123     0.9400 GZ     0.00     6.00
  124     0.9400 GZ     0.00     6.00
  125     0.9400 GZ     0.00     6.00
```

```
126    0.9400 GZ    0.00    6.00
127    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
136    0.9400 GZ    0.00    6.00
137    0.9400 GZ    0.00    6.00
138    0.9400 GZ    0.00    6.00
139    0.9400 GZ    0.00    6.00
145    0.9400 GZ    0.00    6.00
146    0.9400 GZ    0.00    6.00
147    0.9400 GZ    0.00    6.00
148    0.9400 GZ    0.00    6.00
149    0.9400 GZ    0.00    6.00
150    0.9400 GZ    0.00    6.00
151    0.9400 GZ    0.00    6.00
152    0.9400 GZ    0.00    6.00
153    0.9400 GZ    0.00    6.00
154    0.9400 GZ    0.00    6.00
155    0.9400 GZ    0.00    3.00
165    0.9400 GZ    0.00    3.00
166    0.9400 GZ    0.00    3.00
172    0.9400 GZ    0.00    6.00
173    0.9400 GZ    0.00    6.00
178    0.9400 GZ    0.00    6.00
179    0.9400 GZ    0.00    6.00
184    0.9400 GZ    0.00    6.00
185    0.9400 GZ    0.00    6.00
190    0.9400 GZ    0.00    6.00
191    0.9400 GZ    0.00    6.00
196    0.9400 GZ    0.00    6.00
197    0.9400 GZ    0.00    6.00
204    0.9400 GZ    0.00    6.00
205    0.9400 GZ    0.00    6.00
208    0.9400 GZ    0.00    6.00
209    0.9400 GZ    0.00    6.00
222    0.9400 GZ    0.00    6.00
223    0.9400 GZ    0.00    6.00
224    0.9400 GZ    0.00    6.00
225    0.9400 GZ    0.00    6.00
226    0.9400 GZ    0.00    6.00
227    0.9400 GZ    0.00    6.00
228    0.9400 GZ    0.00    6.00
229    0.9400 GZ    0.00    6.00
238    0.9400 GZ    0.00    6.00
239    0.9400 GZ    0.00    6.00
240    0.9400 GZ    0.00    6.00
241    0.9400 GZ    0.00    6.00
242    0.9400 GZ    0.00    6.00
243    0.9400 GZ    0.00    6.00
244    0.9400 GZ    0.00    6.00
245    0.9400 GZ    0.00    6.00
254    0.9400 GZ    0.00    6.00
255    0.9400 GZ    0.00    6.00
256    0.9400 GZ    0.00    6.00
257    0.9400 GZ    0.00    6.00
```

```
 258    0.9400 GZ    0.00    6.00
 259    0.9400 GZ    0.00    6.00
 260    0.9400 GZ    0.00    6.00
 261    0.9400 GZ    0.00    6.00
 270    0.9400 GZ    0.00    6.00
 271    0.9400 GZ    0.00    6.00
 272    0.9400 GZ    0.00    6.00
 273    0.9400 GZ    0.00    6.00
 274    0.9400 GZ    0.00    6.00
 275    0.9400 GZ    0.00    6.00
 276    0.9400 GZ    0.00    6.00
 277    0.9400 GZ    0.00    6.00
 286    0.9400 GZ    0.00    6.00
 287    0.9400 GZ    0.00    6.00
 288    0.9400 GZ    0.00    6.00
 289    0.9400 GZ    0.00    6.00
 290    0.9400 GZ    0.00    6.00
 291    0.9400 GZ    0.00    6.00
 292    0.9400 GZ    0.00    6.00
 293    0.9400 GZ    0.00    6.00
 306    0.9400 GZ    0.00    6.00
 307    0.9400 GZ    0.00    6.00
 308    0.9400 GZ    0.00    6.00
 309    0.9400 GZ    0.00    6.00
 310    0.9400 GZ    0.00    6.00
 311    0.9400 GZ    0.00    6.00
 312    0.9400 GZ    0.00    6.00
 313    0.9400 GZ    0.00    6.00
 314    0.9400 GZ    0.00    6.00
 315    0.9400 GZ    0.00    6.00
 326    0.9400 GZ    0.00    6.00
 327    0.9400 GZ    0.00    6.00
 328    0.9400 GZ    0.00    6.00
 329    0.9400 GZ    0.00    6.00
 330    0.9400 GZ    0.00    6.00
 331    0.9400 GZ    0.00    6.00
 332    0.9400 GZ    0.00    3.00
 333    0.9400 GZ    0.00    3.00
 334    0.9400 GZ    0.00    6.00
 335    0.9400 GZ    0.00    6.00
 341    0.9400 GZ    0.00    6.00
 342    0.9400 GZ    0.00    6.00
 347    0.9400 GZ    0.00    3.00
 348    0.9400 GZ    0.00    3.00
1204    0.9400 GZ    0.00    3.00
1210    0.9400 GZ    0.00    3.00
1213    0.9400 GZ    0.00    3.00
1215    0.9400 GZ    0.00    3.00
1535    0.9400 GZ    0.00    3.00
1537    0.9400 GZ    0.00    3.00
1538    0.9400 GZ    0.00    3.00
 453    0.4000 GZ    0.00    6.00
 454    0.4000 GZ    0.00    6.00
 455    0.4000 GZ    0.00    6.00
 456    0.4000 GZ    0.00    6.00
 457    0.4000 GZ    0.00    6.00
```

```
 458      0.4000 GZ     0.00      6.00
 459      0.4000 GZ     0.00      6.00
 460      0.4000 GZ     0.00      6.00
 461      0.4000 GZ     0.00      6.00
 473      0.4000 GZ     0.00      2.00
 474      0.4000 GZ     0.00      2.00
 475      0.4000 GZ     0.00      2.00
 477      0.4000 GZ     0.00      2.00
 482      0.4000 GZ     0.00      2.00
 483      0.4000 GZ     0.00      2.00
 484      0.4000 GZ     0.00      2.00
 486      0.4000 GZ     0.00      2.00
 488      0.4000 GZ     0.00      6.00
 497      0.4000 GZ     0.00      3.00
 498      0.4000 GZ     0.00      6.00
 500      0.4000 GZ     0.00      6.00
 501      0.4000 GZ     0.00      6.00
 502      0.4000 GZ     0.00      6.00
 503      0.4000 GZ     0.00      6.00
 504      0.4000 GZ     0.00      6.00
 505      0.4000 GZ     0.00      6.00
 506      0.4000 GZ     0.00      6.00
 555      0.4000 GZ     0.00      3.00
 706      0.4000 GZ     0.00      3.00
 707      0.4000 GZ     0.00      3.00
1361      0.4000 GZ     0.00      3.00
1405      0.4000 GZ     0.00      2.00
1406      0.4000 GZ     0.00      2.00
1407      0.4000 GZ     0.00      1.50
1408      0.4000 GZ     0.00      1.50
1409      0.4000 GZ     0.00      2.00
1410      0.4000 GZ     0.00      0.50
1411      0.4000 GZ     0.00      2.00
1412      0.4000 GZ     0.00      0.50
1413      0.4000 GZ     0.00      2.00
1414      0.4000 GZ     0.00      2.00
1415      0.4000 GZ     0.00      1.50
1416      0.4000 GZ     0.00      2.00
1417      0.4000 GZ     0.00      0.50
1418      0.4000 GZ     0.00      1.50
1419      0.4000 GZ     0.00      2.00
1420      0.4000 GZ     0.00      0.50
1421      0.4000 GZ     0.00      2.00
1422      0.4000 GZ     0.00      2.00
1423      0.4000 GZ     0.00      1.50
1424      0.4000 GZ     0.00      2.00
1425      0.4000 GZ     0.00      0.50
1426      0.4000 GZ     0.00      1.50
1427      0.4000 GZ     0.00      2.00
1428      0.4000 GZ     0.00      0.50
1429      0.4000 GZ     0.00      2.00
1430      0.4000 GZ     0.00      2.00
1431      0.4000 GZ     0.00      1.50
1432      0.4000 GZ     0.00      1.50
1433      0.4000 GZ     0.00      2.00
1434      0.4000 GZ     0.00      0.50
```

```
1435    0.4000 GZ    0.00    2.00
1436    0.4000 GZ    0.00    0.50
1438    0.4000 GZ    0.00    0.50
1443    0.4000 GZ    0.00    0.50
1449    0.4000 GZ    0.00    0.50
1453    0.4000 GZ    0.00    0.50
1459    0.4000 GZ    0.00    0.50
1463    0.4000 GZ    0.00    0.50
1471    0.4000 GZ    0.00    0.50
1475    0.4000 GZ    0.00    0.50
1490    0.4000 GZ    0.00    1.50
1497    0.4000 GZ    0.00    1.50
1498    0.4000 GZ    0.00    1.50
1500    0.4000 GZ    0.00    1.50
1501    0.4000 GZ    0.00    1.50
1506    0.4000 GZ    0.00    1.50
1519    0.4000 GZ    0.00    1.50
1520    0.4000 GZ    0.00    1.50
1525    0.4000 GZ    0.00    3.00
 462    0.8000 GZ    0.00    6.00
 463    0.8000 GZ    0.00    6.00
 464    0.8000 GZ    0.00    6.00
 465    0.8000 GZ    0.00    5.50
 466    0.8000 GZ    0.00    6.00
 467    0.8000 GZ    0.00    6.00
 468    0.8000 GZ    0.00    6.00
 469    0.8000 GZ    0.00    6.00
 470    0.8000 GZ    0.00    6.00
 471    0.8000 GZ    0.00    6.00
 472    0.8000 GZ    0.00    6.00
 478    0.8000 GZ    0.00    6.00
 479    0.8000 GZ    0.00    6.00
 480    0.8000 GZ    0.00    6.00
 481    0.8000 GZ    0.00    6.00
 487    0.8000 GZ    0.00    6.00
 489    0.8000 GZ    0.00    6.00
 490    0.8000 GZ    0.00    6.00
 491    0.8000 GZ    0.00    6.00
 492    0.8000 GZ    0.00    6.00
 493    0.8000 GZ    0.00    6.00
 494    0.8000 GZ    0.00    6.00
 495    0.8000 GZ    0.00    6.00
 496    0.8000 GZ    0.00    6.00
 514    0.8000 GZ    0.00    6.00
 515    0.8000 GZ    0.00    6.00
 520    0.8000 GZ    0.00    6.00
 521    0.8000 GZ    0.00    6.00
 526    0.8000 GZ    0.00    6.00
 527    0.8000 GZ    0.00    6.00
 532    0.8000 GZ    0.00    6.00
 533    0.8000 GZ    0.00    6.00
 538    0.8000 GZ    0.00    6.00
 539    0.8000 GZ    0.00    6.00
 542    0.8000 GZ    0.00    6.00
 543    0.8000 GZ    0.00    6.00
 546    0.8000 GZ    0.00    6.00
```

```
547     0.8000 GZ     0.00     6.00
550     0.8000 GZ     0.00     6.00
551     0.8000 GZ     0.00     6.00
564     0.8000 GZ     0.00     6.00
565     0.8000 GZ     0.00     6.00
566     0.8000 GZ     0.00     6.00
567     0.8000 GZ     0.00     6.00
568     0.8000 GZ     0.00     6.00
569     0.8000 GZ     0.00     6.00
570     0.8000 GZ     0.00     6.00
571     0.8000 GZ     0.00     6.00
580     0.8000 GZ     0.00     6.00
581     0.8000 GZ     0.00     6.00
582     0.8000 GZ     0.00     6.00
583     0.8000 GZ     0.00     6.00
584     0.8000 GZ     0.00     6.00
585     0.8000 GZ     0.00     6.00
586     0.8000 GZ     0.00     6.00
587     0.8000 GZ     0.00     6.00
596     0.8000 GZ     0.00     6.00
597     0.8000 GZ     0.00     6.00
598     0.8000 GZ     0.00     6.00
599     0.8000 GZ     0.00     6.00
600     0.8000 GZ     0.00     6.00
601     0.8000 GZ     0.00     6.00
602     0.8000 GZ     0.00     6.00
603     0.8000 GZ     0.00     6.00
612     0.8000 GZ     0.00     6.00
613     0.8000 GZ     0.00     6.00
614     0.8000 GZ     0.00     6.00
615     0.8000 GZ     0.00     6.00
616     0.8000 GZ     0.00     6.00
617     0.8000 GZ     0.00     6.00
618     0.8000 GZ     0.00     6.00
619     0.8000 GZ     0.00     6.00
628     0.8000 GZ     0.00     6.00
629     0.8000 GZ     0.00     6.00
630     0.8000 GZ     0.00     6.00
631     0.8000 GZ     0.00     6.00
632     0.8000 GZ     0.00     6.00
633     0.8000 GZ     0.00     6.00
634     0.8000 GZ     0.00     6.00
635     0.8000 GZ     0.00     6.00
648     0.8000 GZ     0.00     6.00
649     0.8000 GZ     0.00     6.00
650     0.8000 GZ     0.00     6.00
651     0.8000 GZ     0.00     6.00
652     0.8000 GZ     0.00     6.00
653     0.8000 GZ     0.00     6.00
654     0.8000 GZ     0.00     6.00
655     0.8000 GZ     0.00     6.00
656     0.8000 GZ     0.00     6.00
657     0.8000 GZ     0.00     6.00
668     0.8000 GZ     0.00     6.00
669     0.8000 GZ     0.00     6.00
670     0.8000 GZ     0.00     6.00
```

```
 671     0.8000 GZ    0.00     6.00
 672     0.8000 GZ    0.00     6.00
 673     0.8000 GZ    0.00     6.00
 676     0.8000 GZ    0.00     6.00
 677     0.8000 GZ    0.00     6.00
 683     0.8000 GZ    0.00     6.00
 684     0.8000 GZ    0.00     6.00
1362     0.8000 GZ    0.00     3.00
1365     0.8000 GZ    0.00     3.00
1481     0.8000 GZ    0.00     3.00
1482     0.8000 GZ    0.00     3.00
1486     0.8000 GZ    0.00     3.00
1487     0.8000 GZ    0.00     3.00
1488     0.8000 GZ    0.00     0.50
 473     0.3000 GZ    0.00     2.00
 474     0.3000 GZ    0.00     2.00
 475     0.3000 GZ    0.00     2.00
 477     0.3000 GZ    0.00     2.00
 482     0.3000 GZ    0.00     2.00
 483     0.3000 GZ    0.00     2.00
 484     0.3000 GZ    0.00     2.00
 486     0.3000 GZ    0.00     2.00
 488     0.3000 GZ    0.00     6.00
 497     0.3000 GZ    0.00     3.00
 706     0.3000 GZ    0.00     3.00
 707     0.3000 GZ    0.00     3.00
1406     0.3000 GZ    0.00     2.00
1411     0.3000 GZ    0.00     2.00
1414     0.3000 GZ    0.00     2.00
1419     0.3000 GZ    0.00     2.00
1422     0.3000 GZ    0.00     2.00
1427     0.3000 GZ    0.00     2.00
1430     0.3000 GZ    0.00     2.00
1435     0.3000 GZ    0.00     2.00
1524     0.3000 GZ    0.00     3.00
 674     0.6000 GZ    0.00     3.00
 675     0.6000 GZ    0.00     6.00
 694     0.6000 GZ    0.00     2.00
 695     0.6000 GZ    0.00     2.00
 699     0.6000 GZ    0.00     2.00
 700     0.6000 GZ    0.00     2.00
 704     0.6000 GZ    0.00     2.00
 705     0.6000 GZ    0.00     2.00
 708     0.6000 GZ    0.00     3.00
 709     0.6000 GZ    0.00     3.00
 710     0.6000 GZ    0.00     2.00
 711     0.6000 GZ    0.00     2.00
1382     0.6000 GZ    0.00     2.00
1385     0.6000 GZ    0.00     2.00
1388     0.6000 GZ    0.00     2.00
1390     0.6000 GZ    0.00     2.00
1394     0.6000 GZ    0.00     2.00
1396     0.6000 GZ    0.00     2.00
1400     0.6000 GZ    0.00     2.00
1402     0.6000 GZ    0.00     2.00
1439     0.6000 GZ    0.00     2.00
```

```
1447    0.6000 GZ    0.00    2.00
1451    0.6000 GZ    0.00    2.00
1457    0.6000 GZ    0.00    2.00
1461    0.6000 GZ    0.00    2.00
1467    0.6000 GZ    0.00    2.00
1473    0.6000 GZ    0.00    2.00
1479    0.6000 GZ    0.00    2.00
1512    0.6000 GZ    0.00    3.00
1529    0.6000 GZ    0.00    3.00
```

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
111	0.0700 GX	0.00	6.00				
113	0.0700 GX	0.00	6.00				
114	0.0700 GX	0.00	6.00				
115	0.0700 GX	0.00	6.00				
116	0.0700 GX	0.00	6.00				
117	0.0700 GX	0.00	6.00				
118	0.0700 GX	0.00	6.00				
119	0.0700 GX	0.00	6.00				
131	0.0700 GX	0.00	6.00				
132	0.0700 GX	0.00	6.00				
133	0.0700 GX	0.00	6.00				
134	0.0700 GX	0.00	3.00				
135	0.0700 GX	0.00	6.00				
140	0.0700 GX	0.00	6.00				
141	0.0700 GX	0.00	6.00				
142	0.0700 GX	0.00	6.00				
143	0.0700 GX	0.00	3.00				
144	0.0700 GX	0.00	6.00				
156	0.0700 GX	0.00	6.00				
158	0.0700 GX	0.00	6.00				
159	0.0700 GX	0.00	6.00				
160	0.0700 GX	0.00	6.00				
161	0.0700 GX	0.00	6.00				
162	0.0700 GX	0.00	6.00				
163	0.0700 GX	0.00	6.00				
164	0.0700 GX	0.00	6.00				
200	0.0700 GX	0.00	3.00				
213	0.0700 GX	0.00	3.00				
1205	0.0700 GX	0.00	3.00				
1209	0.0700 GX	0.00	3.00				
120	0.1400 GX	0.00	6.00				
121	0.1400 GX	0.00	6.00				
122	0.1400 GX	0.00	6.00				
123	0.1400 GX	0.00	6.00				
124	0.1400 GX	0.00	6.00				
125	0.1400 GX	0.00	6.00				
126	0.1400 GX	0.00	6.00				
127	0.1400 GX	0.00	6.00				
128	0.1400 GX	0.00	6.00				
129	0.1400 GX	0.00	6.00				
130	0.1400 GX	0.00	6.00				

```
136     0.1400 GX    0.00    6.00
137     0.1400 GX    0.00    6.00
138     0.1400 GX    0.00    6.00
139     0.1400 GX    0.00    6.00
145     0.1400 GX    0.00    6.00
146     0.1400 GX    0.00    6.00
147     0.1400 GX    0.00    6.00
148     0.1400 GX    0.00    6.00
149     0.1400 GX    0.00    6.00
150     0.1400 GX    0.00    6.00
151     0.1400 GX    0.00    6.00
152     0.1400 GX    0.00    6.00
153     0.1400 GX    0.00    6.00
154     0.1400 GX    0.00    6.00
155     0.1400 GX    0.00    3.00
165     0.1400 GX    0.00    3.00
166     0.1400 GX    0.00    3.00
172     0.1400 GX    0.00    6.00
173     0.1400 GX    0.00    6.00
178     0.1400 GX    0.00    6.00
179     0.1400 GX    0.00    6.00
184     0.1400 GX    0.00    6.00
185     0.1400 GX    0.00    6.00
190     0.1400 GX    0.00    6.00
191     0.1400 GX    0.00    6.00
196     0.1400 GX    0.00    6.00
197     0.1400 GX    0.00    6.00
204     0.1400 GX    0.00    6.00
205     0.1400 GX    0.00    6.00
208     0.1400 GX    0.00    6.00
209     0.1400 GX    0.00    6.00
222     0.1400 GX    0.00    6.00
223     0.1400 GX    0.00    6.00
224     0.1400 GX    0.00    6.00
225     0.1400 GX    0.00    6.00
226     0.1400 GX    0.00    6.00
227     0.1400 GX    0.00    6.00
228     0.1400 GX    0.00    6.00
229     0.1400 GX    0.00    6.00
238     0.1400 GX    0.00    6.00
239     0.1400 GX    0.00    6.00
240     0.1400 GX    0.00    6.00
241     0.1400 GX    0.00    6.00
242     0.1400 GX    0.00    6.00
243     0.1400 GX    0.00    6.00
244     0.1400 GX    0.00    6.00
245     0.1400 GX    0.00    6.00
254     0.1400 GX    0.00    6.00
255     0.1400 GX    0.00    6.00
256     0.1400 GX    0.00    6.00
257     0.1400 GX    0.00    6.00
258     0.1400 GX    0.00    6.00
259     0.1400 GX    0.00    6.00
260     0.1400 GX    0.00    6.00
261     0.1400 GX    0.00    6.00
270     0.1400 GX    0.00    6.00
```

```
   STAAD SPACE                                          -- PAGE NO.   77

   271     0.1400 GX     0.00     6.00
   272     0.1400 GX     0.00     6.00
   273     0.1400 GX     0.00     6.00
   274     0.1400 GX     0.00     6.00
   275     0.1400 GX     0.00     6.00
   276     0.1400 GX     0.00     6.00
   277     0.1400 GX     0.00     6.00
   286     0.1400 GX     0.00     6.00
   287     0.1400 GX     0.00     6.00
   288     0.1400 GX     0.00     6.00
   289     0.1400 GX     0.00     6.00
   290     0.1400 GX     0.00     6.00
   291     0.1400 GX     0.00     6.00
   292     0.1400 GX     0.00     6.00
   293     0.1400 GX     0.00     6.00
   306     0.1400 GX     0.00     6.00
   307     0.1400 GX     0.00     6.00
   308     0.1400 GX     0.00     6.00
   309     0.1400 GX     0.00     6.00
   310     0.1400 GX     0.00     6.00
   311     0.1400 GX     0.00     6.00
   312     0.1400 GX     0.00     6.00
   313     0.1400 GX     0.00     6.00
   314     0.1400 GX     0.00     6.00
   315     0.1400 GX     0.00     6.00
   326     0.1400 GX     0.00     6.00
   327     0.1400 GX     0.00     6.00
   328     0.1400 GX     0.00     6.00
   329     0.1400 GX     0.00     6.00
   330     0.1400 GX     0.00     6.00
   331     0.1400 GX     0.00     6.00
   332     0.1400 GX     0.00     3.00
   333     0.1400 GX     0.00     3.00
   334     0.1400 GX     0.00     6.00
   335     0.1400 GX     0.00     6.00
   341     0.1400 GX     0.00     6.00
   342     0.1400 GX     0.00     6.00
   347     0.1400 GX     0.00     3.00
   348     0.1400 GX     0.00     3.00
  1204     0.1400 GX     0.00     3.00
  1210     0.1400 GX     0.00     3.00
  1213     0.1400 GX     0.00     3.00
  1215     0.1400 GX     0.00     3.00
  1535     0.1400 GX     0.00     3.00
  1537     0.1400 GX     0.00     3.00
  1538     0.1400 GX     0.00     3.00
   453     0.1800 GX     0.00     6.00
   454     0.1800 GX     0.00     6.00
   455     0.1800 GX     0.00     6.00
   456     0.1800 GX     0.00     6.00
   457     0.1800 GX     0.00     6.00
   458     0.1800 GX     0.00     6.00
   459     0.1800 GX     0.00     6.00
   460     0.1800 GX     0.00     6.00
   461     0.1800 GX     0.00     6.00
   473     0.1800 GX     0.00     2.00
```

```
 474     0.1800 GX    0.00     2.00
 475     0.1800 GX    0.00     2.00
 477     0.1800 GX    0.00     2.00
 482     0.1800 GX    0.00     2.00
 483     0.1800 GX    0.00     2.00
 484     0.1800 GX    0.00     2.00
 486     0.1800 GX    0.00     2.00
 488     0.1800 GX    0.00     6.00
 497     0.1800 GX    0.00     3.00
 498     0.1800 GX    0.00     6.00
 500     0.1800 GX    0.00     6.00
 501     0.1800 GX    0.00     6.00
 502     0.1800 GX    0.00     6.00
 503     0.1800 GX    0.00     6.00
 504     0.1800 GX    0.00     6.00
 505     0.1800 GX    0.00     6.00
 506     0.1800 GX    0.00     6.00
 555     0.1800 GX    0.00     3.00
 706     0.1800 GX    0.00     3.00
 707     0.1800 GX    0.00     3.00
1361     0.1800 GX    0.00     3.00
1405     0.1800 GX    0.00     2.00
1406     0.1800 GX    0.00     2.00
1407     0.1800 GX    0.00     1.50
1408     0.1800 GX    0.00     1.50
1409     0.1800 GX    0.00     2.00
1410     0.1800 GX    0.00     0.50
1411     0.1800 GX    0.00     2.00
1412     0.1800 GX    0.00     0.50
1413     0.1800 GX    0.00     2.00
1414     0.1800 GX    0.00     2.00
1415     0.1800 GX    0.00     1.50
1416     0.1800 GX    0.00     2.00
1417     0.1800 GX    0.00     0.50
1418     0.1800 GX    0.00     1.50
1419     0.1800 GX    0.00     2.00
1420     0.1800 GX    0.00     0.50
1421     0.1800 GX    0.00     2.00
1422     0.1800 GX    0.00     2.00
1423     0.1800 GX    0.00     1.50
1424     0.1800 GX    0.00     2.00
1425     0.1800 GX    0.00     0.50
1426     0.1800 GX    0.00     1.50
1427     0.1800 GX    0.00     2.00
1428     0.1800 GX    0.00     0.50
1429     0.1800 GX    0.00     2.00
1430     0.1800 GX    0.00     2.00
1431     0.1800 GX    0.00     1.50
1432     0.1800 GX    0.00     1.50
1433     0.1800 GX    0.00     2.00
1434     0.1800 GX    0.00     0.50
1435     0.1800 GX    0.00     2.00
1436     0.1800 GX    0.00     0.50
1438     0.1800 GX    0.00     0.50
1443     0.1800 GX    0.00     0.50
1449     0.1800 GX    0.00     0.50
```

```
1453     0.1800 GX     0.00      0.50
1459     0.1800 GX     0.00      0.50
1463     0.1800 GX     0.00      0.50
1471     0.1800 GX     0.00      0.50
1475     0.1800 GX     0.00      0.50
1490     0.1800 GX     0.00      1.50
1497     0.1800 GX     0.00      1.50
1498     0.1800 GX     0.00      1.50
1500     0.1800 GX     0.00      1.50
1501     0.1800 GX     0.00      1.50
1506     0.1800 GX     0.00      1.50
1519     0.1800 GX     0.00      1.50
1520     0.1800 GX     0.00      1.50
1525     0.1800 GX     0.00      3.00
 462     0.3600 GX     0.00      6.00
 463     0.3600 GX     0.00      6.00
 464     0.3600 GX     0.00      6.00
 465     0.3600 GX     0.00      5.50
 466     0.3600 GX     0.00      6.00
 467     0.3600 GX     0.00      6.00
 468     0.3600 GX     0.00      6.00
 469     0.3600 GX     0.00      6.00
 470     0.3600 GX     0.00      6.00
 471     0.3600 GX     0.00      6.00
 472     0.3600 GX     0.00      6.00
 478     0.3600 GX     0.00      6.00
 479     0.3600 GX     0.00      6.00
 480     0.3600 GX     0.00      6.00
 481     0.3600 GX     0.00      6.00
 487     0.3600 GX     0.00      6.00
 489     0.3600 GX     0.00      6.00
 490     0.3600 GX     0.00      6.00
 491     0.3600 GX     0.00      6.00
 492     0.3600 GX     0.00      6.00
 493     0.3600 GX     0.00      6.00
 494     0.3600 GX     0.00      6.00
 495     0.3600 GX     0.00      6.00
 496     0.3600 GX     0.00      6.00
 514     0.3600 GX     0.00      6.00
 515     0.3600 GX     0.00      6.00
 520     0.3600 GX     0.00      6.00
 521     0.3600 GX     0.00      6.00
 526     0.3600 GX     0.00      6.00
 527     0.3600 GX     0.00      6.00
 532     0.3600 GX     0.00      6.00
 533     0.3600 GX     0.00      6.00
 538     0.3600 GX     0.00      6.00
 539     0.3600 GX     0.00      6.00
 542     0.3600 GX     0.00      6.00
 543     0.3600 GX     0.00      6.00
 546     0.3600 GX     0.00      6.00
 547     0.3600 GX     0.00      6.00
 550     0.3600 GX     0.00      6.00
 551     0.3600 GX     0.00      6.00
 564     0.3600 GX     0.00      6.00
 565     0.3600 GX     0.00      6.00
```

```
566      0.3600 GX    0.00      6.00
567      0.3600 GX    0.00      6.00
568      0.3600 GX    0.00      6.00
569      0.3600 GX    0.00      6.00
570      0.3600 GX    0.00      6.00
571      0.3600 GX    0.00      6.00
580      0.3600 GX    0.00      6.00
581      0.3600 GX    0.00      6.00
582      0.3600 GX    0.00      6.00
583      0.3600 GX    0.00      6.00
584      0.3600 GX    0.00      6.00
585      0.3600 GX    0.00      6.00
586      0.3600 GX    0.00      6.00
587      0.3600 GX    0.00      6.00
596      0.3600 GX    0.00      6.00
597      0.3600 GX    0.00      6.00
598      0.3600 GX    0.00      6.00
599      0.3600 GX    0.00      6.00
600      0.3600 GX    0.00      6.00
601      0.3600 GX    0.00      6.00
602      0.3600 GX    0.00      6.00
603      0.3600 GX    0.00      6.00
612      0.3600 GX    0.00      6.00
613      0.3600 GX    0.00      6.00
614      0.3600 GX    0.00      6.00
615      0.3600 GX    0.00      6.00
616      0.3600 GX    0.00      6.00
617      0.3600 GX    0.00      6.00
618      0.3600 GX    0.00      6.00
619      0.3600 GX    0.00      6.00
628      0.3600 GX    0.00      6.00
629      0.3600 GX    0.00      6.00
630      0.3600 GX    0.00      6.00
631      0.3600 GX    0.00      6.00
632      0.3600 GX    0.00      6.00
633      0.3600 GX    0.00      6.00
634      0.3600 GX    0.00      6.00
635      0.3600 GX    0.00      6.00
648      0.3600 GX    0.00      6.00
649      0.3600 GX    0.00      6.00
650      0.3600 GX    0.00      6.00
651      0.3600 GX    0.00      6.00
652      0.3600 GX    0.00      6.00
653      0.3600 GX    0.00      6.00
654      0.3600 GX    0.00      6.00
655      0.3600 GX    0.00      6.00
656      0.3600 GX    0.00      6.00
657      0.3600 GX    0.00      6.00
668      0.3600 GX    0.00      6.00
669      0.3600 GX    0.00      6.00
670      0.3600 GX    0.00      6.00
671      0.3600 GX    0.00      6.00
672      0.3600 GX    0.00      6.00
673      0.3600 GX    0.00      6.00
676      0.3600 GX    0.00      6.00
677      0.3600 GX    0.00      6.00
```

```
 683     0.3600 GX     0.00      6.00
 684     0.3600 GX     0.00      6.00
1362     0.3600 GX     0.00      3.00
1365     0.3600 GX     0.00      3.00
1481     0.3600 GX     0.00      3.00
1482     0.3600 GX     0.00      3.00
1486     0.3600 GX     0.00      3.00
1487     0.3600 GX     0.00      3.00
1488     0.3600 GX     0.00      0.50
1529     0.3600 GX     0.00      3.00
 473     0.1400 GX     0.00      2.00
 474     0.1400 GX     0.00      2.00
 475     0.1400 GX     0.00      2.00
 477     0.1400 GX     0.00      2.00
 482     0.1400 GX     0.00      2.00
 483     0.1400 GX     0.00      2.00
 484     0.1400 GX     0.00      2.00
 486     0.1400 GX     0.00      2.00
 488     0.1400 GX     0.00      6.00
 497     0.1400 GX     0.00      3.00
 706     0.1400 GX     0.00      3.00
 707     0.1400 GX     0.00      3.00
1406     0.1400 GX     0.00      2.00
1411     0.1400 GX     0.00      2.00
1414     0.1400 GX     0.00      2.00
1419     0.1400 GX     0.00      2.00
1422     0.1400 GX     0.00      2.00
1427     0.1400 GX     0.00      2.00
1430     0.1400 GX     0.00      2.00
1435     0.1400 GX     0.00      2.00
1524     0.1400 GX     0.00      3.00
 674     0.2700 GX     0.00      3.00
 675     0.2700 GX     0.00      6.00
 694     0.2700 GX     0.00      2.00
 695     0.2700 GX     0.00      2.00
 699     0.2700 GX     0.00      2.00
 700     0.2700 GX     0.00      2.00
 704     0.2700 GX     0.00      2.00
 705     0.2700 GX     0.00      2.00
 708     0.2700 GX     0.00      3.00
 709     0.2700 GX     0.00      3.00
 710     0.2700 GX     0.00      2.00
 711     0.2700 GX     0.00      2.00
1382     0.2700 GX     0.00      2.00
1385     0.2700 GX     0.00      2.00
1388     0.2700 GX     0.00      2.00
1390     0.2700 GX     0.00      2.00
1394     0.2700 GX     0.00      2.00
1396     0.2700 GX     0.00      2.00
1400     0.2700 GX     0.00      2.00
1402     0.2700 GX     0.00      2.00
1439     0.2700 GX     0.00      2.00
1447     0.2700 GX     0.00      2.00
1451     0.2700 GX     0.00      2.00
1457     0.2700 GX     0.00      2.00
1461     0.2700 GX     0.00      2.00
```

```
1467     0.2700 GX    0.00     2.00
1473     0.2700 GX    0.00     2.00
1479     0.2700 GX    0.00     2.00
1512     0.2700 GX    0.00     3.00
1529     0.2700 GX    0.00     3.00


MEMBER LOAD - UNIT MTON METE

MEMBER     UDL      L1      L2      CON      L     LIN1      LIN2

 111     0.0700 GY    0.00     6.00
 113     0.0700 GY    0.00     6.00
 114     0.0700 GY    0.00     6.00
 115     0.0700 GY    0.00     6.00
 116     0.0700 GY    0.00     6.00
 117     0.0700 GY    0.00     6.00
 118     0.0700 GY    0.00     6.00
 119     0.0700 GY    0.00     6.00
 131     0.0700 GY    0.00     6.00
 132     0.0700 GY    0.00     6.00
 133     0.0700 GY    0.00     6.00
 134     0.0700 GY    0.00     3.00
 135     0.0700 GY    0.00     6.00
 140     0.0700 GY    0.00     6.00
 141     0.0700 GY    0.00     6.00
 142     0.0700 GY    0.00     6.00
 143     0.0700 GY    0.00     3.00
 144     0.0700 GY    0.00     6.00
 156     0.0700 GY    0.00     6.00
 158     0.0700 GY    0.00     6.00
 159     0.0700 GY    0.00     6.00
 160     0.0700 GY    0.00     6.00
 161     0.0700 GY    0.00     6.00
 162     0.0700 GY    0.00     6.00
 163     0.0700 GY    0.00     6.00
 164     0.0700 GY    0.00     6.00
 200     0.0700 GY    0.00     3.00
 213     0.0700 GY    0.00     3.00
1205     0.0700 GY    0.00     3.00
1209     0.0700 GY    0.00     3.00
 120     0.1400 GY    0.00     6.00
 121     0.1400 GY    0.00     6.00
 122     0.1400 GY    0.00     6.00
 123     0.1400 GY    0.00     6.00
 124     0.1400 GY    0.00     6.00
 125     0.1400 GY    0.00     6.00
 126     0.1400 GY    0.00     6.00
 127     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
 136     0.1400 GY    0.00     6.00
 137     0.1400 GY    0.00     6.00
 138     0.1400 GY    0.00     6.00
 139     0.1400 GY    0.00     6.00
```

```
145     0.1400 GY     0.00      6.00
146     0.1400 GY     0.00      6.00
147     0.1400 GY     0.00      6.00
148     0.1400 GY     0.00      6.00
149     0.1400 GY     0.00      6.00
150     0.1400 GY     0.00      6.00
151     0.1400 GY     0.00      6.00
152     0.1400 GY     0.00      6.00
153     0.1400 GY     0.00      6.00
154     0.1400 GY     0.00      6.00
155     0.1400 GY     0.00      3.00
165     0.1400 GY     0.00      3.00
166     0.1400 GY     0.00      3.00
172     0.1400 GY     0.00      6.00
173     0.1400 GY     0.00      6.00
178     0.1400 GY     0.00      6.00
179     0.1400 GY     0.00      6.00
184     0.1400 GY     0.00      6.00
185     0.1400 GY     0.00      6.00
190     0.1400 GY     0.00      6.00
191     0.1400 GY     0.00      6.00
196     0.1400 GY     0.00      6.00
197     0.1400 GY     0.00      6.00
204     0.1400 GY     0.00      6.00
205     0.1400 GY     0.00      6.00
208     0.1400 GY     0.00      6.00
209     0.1400 GY     0.00      6.00
222     0.1400 GY     0.00      6.00
223     0.1400 GY     0.00      6.00
224     0.1400 GY     0.00      6.00
225     0.1400 GY     0.00      6.00
226     0.1400 GY     0.00      6.00
227     0.1400 GY     0.00      6.00
228     0.1400 GY     0.00      6.00
229     0.1400 GY     0.00      6.00
238     0.1400 GY     0.00      6.00
239     0.1400 GY     0.00      6.00
240     0.1400 GY     0.00      6.00
241     0.1400 GY     0.00      6.00
242     0.1400 GY     0.00      6.00
243     0.1400 GY     0.00      6.00
244     0.1400 GY     0.00      6.00
245     0.1400 GY     0.00      6.00
254     0.1400 GY     0.00      6.00
255     0.1400 GY     0.00      6.00
256     0.1400 GY     0.00      6.00
257     0.1400 GY     0.00      6.00
258     0.1400 GY     0.00      6.00
259     0.1400 GY     0.00      6.00
260     0.1400 GY     0.00      6.00
261     0.1400 GY     0.00      6.00
270     0.1400 GY     0.00      6.00
271     0.1400 GY     0.00      6.00
272     0.1400 GY     0.00      6.00
273     0.1400 GY     0.00      6.00
274     0.1400 GY     0.00      6.00
```

```
275      0.1400 GY      0.00      6.00
276      0.1400 GY      0.00      6.00
277      0.1400 GY      0.00      6.00
286      0.1400 GY      0.00      6.00
287      0.1400 GY      0.00      6.00
288      0.1400 GY      0.00      6.00
289      0.1400 GY      0.00      6.00
290      0.1400 GY      0.00      6.00
291      0.1400 GY      0.00      6.00
292      0.1400 GY      0.00      6.00
293      0.1400 GY      0.00      6.00
306      0.1400 GY      0.00      6.00
307      0.1400 GY      0.00      6.00
308      0.1400 GY      0.00      6.00
309      0.1400 GY      0.00      6.00
310      0.1400 GY      0.00      6.00
311      0.1400 GY      0.00      6.00
312      0.1400 GY      0.00      6.00
313      0.1400 GY      0.00      6.00
314      0.1400 GY      0.00      6.00
315      0.1400 GY      0.00      6.00
326      0.1400 GY      0.00      6.00
327      0.1400 GY      0.00      6.00
328      0.1400 GY      0.00      6.00
329      0.1400 GY      0.00      6.00
330      0.1400 GY      0.00      6.00
331      0.1400 GY      0.00      6.00
332      0.1400 GY      0.00      3.00
333      0.1400 GY      0.00      3.00
334      0.1400 GY      0.00      6.00
335      0.1400 GY      0.00      6.00
341      0.1400 GY      0.00      6.00
342      0.1400 GY      0.00      6.00
347      0.1400 GY      0.00      3.00
348      0.1400 GY      0.00      3.00
1204     0.1400 GY      0.00      3.00
1210     0.1400 GY      0.00      3.00
1213     0.1400 GY      0.00      3.00
1215     0.1400 GY      0.00      3.00
1535     0.1400 GY      0.00      3.00
1537     0.1400 GY      0.00      3.00
1538     0.1400 GY      0.00      3.00
453      0.1800 GY      0.00      6.00
454      0.1800 GY      0.00      6.00
455      0.1800 GY      0.00      6.00
456      0.1800 GY      0.00      6.00
457      0.1800 GY      0.00      6.00
458      0.1800 GY      0.00      6.00
459      0.1800 GY      0.00      6.00
460      0.1800 GY      0.00      6.00
461      0.1800 GY      0.00      6.00
473      0.1800 GY      0.00      2.00
474      0.1800 GY      0.00      2.00
475      0.1800 GY      0.00      2.00
477      0.1800 GY      0.00      2.00
482      0.1800 GY      0.00      2.00
```

```
 483     0.1800 GY     0.00     2.00
 484     0.1800 GY     0.00     2.00
 486     0.1800 GY     0.00     2.00
 488     0.1800 GY     0.00     6.00
 497     0.1800 GY     0.00     3.00
 498     0.1800 GY     0.00     6.00
 500     0.1800 GY     0.00     6.00
 501     0.1800 GY     0.00     6.00
 502     0.1800 GY     0.00     6.00
 503     0.1800 GY     0.00     6.00
 504     0.1800 GY     0.00     6.00
 505     0.1800 GY     0.00     6.00
 506     0.1800 GY     0.00     6.00
 555     0.1800 GY     0.00     3.00
 706     0.1800 GY     0.00     3.00
 707     0.1800 GY     0.00     3.00
1361     0.1800 GY     0.00     3.00
1405     0.1800 GY     0.00     2.00
1406     0.1800 GY     0.00     2.00
1407     0.1800 GY     0.00     1.50
1408     0.1800 GY     0.00     1.50
1409     0.1800 GY     0.00     2.00
1410     0.1800 GY     0.00     0.50
1411     0.1800 GY     0.00     2.00
1412     0.1800 GY     0.00     0.50
1413     0.1800 GY     0.00     2.00
1414     0.1800 GY     0.00     2.00
1415     0.1800 GY     0.00     1.50
1416     0.1800 GY     0.00     2.00
1417     0.1800 GY     0.00     0.50
1418     0.1800 GY     0.00     1.50
1419     0.1800 GY     0.00     2.00
1420     0.1800 GY     0.00     0.50
1421     0.1800 GY     0.00     2.00
1422     0.1800 GY     0.00     2.00
1423     0.1800 GY     0.00     1.50
1424     0.1800 GY     0.00     2.00
1425     0.1800 GY     0.00     0.50
1426     0.1800 GY     0.00     1.50
1427     0.1800 GY     0.00     2.00
1428     0.1800 GY     0.00     0.50
1429     0.1800 GY     0.00     2.00
1430     0.1800 GY     0.00     2.00
1431     0.1800 GY     0.00     1.50
1432     0.1800 GY     0.00     1.50
1433     0.1800 GY     0.00     2.00
1434     0.1800 GY     0.00     0.50
1435     0.1800 GY     0.00     2.00
1436     0.1800 GY     0.00     0.50
1438     0.1800 GY     0.00     0.50
1443     0.1800 GY     0.00     0.50
1449     0.1800 GY     0.00     0.50
1453     0.1800 GY     0.00     0.50
1459     0.1800 GY     0.00     0.50
1463     0.1800 GY     0.00     0.50
1471     0.1800 GY     0.00     0.50
```

STAAD SPACE   -- PAGE NO.   86

```
1475    0.1800 GY    0.00    0.50
1490    0.1800 GY    0.00    1.50
1497    0.1800 GY    0.00    1.50
1498    0.1800 GY    0.00    1.50
1500    0.1800 GY    0.00    1.50
1501    0.1800 GY    0.00    1.50
1506    0.1800 GY    0.00    1.50
1519    0.1800 GY    0.00    1.50
1520    0.1800 GY    0.00    1.50
1525    0.1800 GY    0.00    3.00
 462    0.3600 GY    0.00    6.00
 463    0.3600 GY    0.00    6.00
 464    0.3600 GY    0.00    6.00
 465    0.3600 GY    0.00    5.50
 466    0.3600 GY    0.00    6.00
 467    0.3600 GY    0.00    6.00
 468    0.3600 GY    0.00    6.00
 469    0.3600 GY    0.00    6.00
 470    0.3600 GY    0.00    6.00
 471    0.3600 GY    0.00    6.00
 472    0.3600 GY    0.00    6.00
 478    0.3600 GY    0.00    6.00
 479    0.3600 GY    0.00    6.00
 480    0.3600 GY    0.00    6.00
 481    0.3600 GY    0.00    6.00
 487    0.3600 GY    0.00    6.00
 489    0.3600 GY    0.00    6.00
 490    0.3600 GY    0.00    6.00
 491    0.3600 GY    0.00    6.00
 492    0.3600 GY    0.00    6.00
 493    0.3600 GY    0.00    6.00
 494    0.3600 GY    0.00    6.00
 495    0.3600 GY    0.00    6.00
 496    0.3600 GY    0.00    6.00
 514    0.3600 GY    0.00    6.00
 515    0.3600 GY    0.00    6.00
 520    0.3600 GY    0.00    6.00
 521    0.3600 GY    0.00    6.00
 526    0.3600 GY    0.00    6.00
 527    0.3600 GY    0.00    6.00
 532    0.3600 GY    0.00    6.00
 533    0.3600 GY    0.00    6.00
 538    0.3600 GY    0.00    6.00
 539    0.3600 GY    0.00    6.00
 542    0.3600 GY    0.00    6.00
 543    0.3600 GY    0.00    6.00
 546    0.3600 GY    0.00    6.00
 547    0.3600 GY    0.00    6.00
 550    0.3600 GY    0.00    6.00
 551    0.3600 GY    0.00    6.00
 564    0.3600 GY    0.00    6.00
 565    0.3600 GY    0.00    6.00
 566    0.3600 GY    0.00    6.00
 567    0.3600 GY    0.00    6.00
 568    0.3600 GY    0.00    6.00
 569    0.3600 GY    0.00    6.00
```

```
 570      0.3600 GY     0.00     6.00
 571      0.3600 GY     0.00     6.00
 580      0.3600 GY     0.00     6.00
 581      0.3600 GY     0.00     6.00
 582      0.3600 GY     0.00     6.00
 583      0.3600 GY     0.00     6.00
 584      0.3600 GY     0.00     6.00
 585      0.3600 GY     0.00     6.00
 586      0.3600 GY     0.00     6.00
 587      0.3600 GY     0.00     6.00
 596      0.3600 GY     0.00     6.00
 597      0.3600 GY     0.00     6.00
 598      0.3600 GY     0.00     6.00
 599      0.3600 GY     0.00     6.00
 600      0.3600 GY     0.00     6.00
 601      0.3600 GY     0.00     6.00
 602      0.3600 GY     0.00     6.00
 603      0.3600 GY     0.00     6.00
 612      0.3600 GY     0.00     6.00
 613      0.3600 GY     0.00     6.00
 614      0.3600 GY     0.00     6.00
 615      0.3600 GY     0.00     6.00
 616      0.3600 GY     0.00     6.00
 617      0.3600 GY     0.00     6.00
 618      0.3600 GY     0.00     6.00
 619      0.3600 GY     0.00     6.00
 628      0.3600 GY     0.00     6.00
 629      0.3600 GY     0.00     6.00
 630      0.3600 GY     0.00     6.00
 631      0.3600 GY     0.00     6.00
 632      0.3600 GY     0.00     6.00
 633      0.3600 GY     0.00     6.00
 634      0.3600 GY     0.00     6.00
 635      0.3600 GY     0.00     6.00
 648      0.3600 GY     0.00     6.00
 649      0.3600 GY     0.00     6.00
 650      0.3600 GY     0.00     6.00
 651      0.3600 GY     0.00     6.00
 652      0.3600 GY     0.00     6.00
 653      0.3600 GY     0.00     6.00
 654      0.3600 GY     0.00     6.00
 655      0.3600 GY     0.00     6.00
 656      0.3600 GY     0.00     6.00
 657      0.3600 GY     0.00     6.00
 668      0.3600 GY     0.00     6.00
 669      0.3600 GY     0.00     6.00
 670      0.3600 GY     0.00     6.00
 671      0.3600 GY     0.00     6.00
 672      0.3600 GY     0.00     6.00
 673      0.3600 GY     0.00     6.00
 676      0.3600 GY     0.00     6.00
 677      0.3600 GY     0.00     6.00
 683      0.3600 GY     0.00     6.00
 684      0.3600 GY     0.00     6.00
1362      0.3600 GY     0.00     3.00
1365      0.3600 GY     0.00     3.00
```

```
1481     0.3600 GY     0.00     3.00
1482     0.3600 GY     0.00     3.00
1486     0.3600 GY     0.00     3.00
1487     0.3600 GY     0.00     3.00
1488     0.3600 GY     0.00     0.50
1529     0.3600 GY     0.00     3.00
 473     0.1400 GY     0.00     2.00
 474     0.1400 GY     0.00     2.00
 475     0.1400 GY     0.00     2.00
 477     0.1400 GY     0.00     2.00
 482     0.1400 GY     0.00     2.00
 483     0.1400 GY     0.00     2.00
 484     0.1400 GY     0.00     2.00
 486     0.1400 GY     0.00     2.00
 488     0.1400 GY     0.00     6.00
 497     0.1400 GY     0.00     3.00
 706     0.1400 GY     0.00     3.00
 707     0.1400 GY     0.00     3.00
1406     0.1400 GY     0.00     2.00
1411     0.1400 GY     0.00     2.00
1414     0.1400 GY     0.00     2.00
1419     0.1400 GY     0.00     2.00
1422     0.1400 GY     0.00     2.00
1427     0.1400 GY     0.00     2.00
1430     0.1400 GY     0.00     2.00
1435     0.1400 GY     0.00     2.00
1524     0.1400 GY     0.00     3.00
 674     0.2700 GY     0.00     3.00
 675     0.2700 GY     0.00     6.00
 694     0.2700 GY     0.00     2.00
 695     0.2700 GY     0.00     2.00
 699     0.2700 GY     0.00     2.00
 700     0.2700 GY     0.00     2.00
 704     0.2700 GY     0.00     2.00
 705     0.2700 GY     0.00     2.00
 708     0.2700 GY     0.00     3.00
 709     0.2700 GY     0.00     3.00
 710     0.2700 GY     0.00     2.00
 711     0.2700 GY     0.00     2.00
1382     0.2700 GY     0.00     2.00
1385     0.2700 GY     0.00     2.00
1388     0.2700 GY     0.00     2.00
1390     0.2700 GY     0.00     2.00
1394     0.2700 GY     0.00     2.00
1396     0.2700 GY     0.00     2.00
1400     0.2700 GY     0.00     2.00
1402     0.2700 GY     0.00     2.00
1439     0.2700 GY     0.00     2.00
1447     0.2700 GY     0.00     2.00
1451     0.2700 GY     0.00     2.00
1457     0.2700 GY     0.00     2.00
1461     0.2700 GY     0.00     2.00
1467     0.2700 GY     0.00     2.00
1473     0.2700 GY     0.00     2.00
1479     0.2700 GY     0.00     2.00
1512     0.2700 GY     0.00     3.00
```

STAAD SPACE   -- PAGE NO.   89

```
1529     0.2700 GY    0.00     3.00


   MEMBER LOAD - UNIT MTON METE

   MEMBER      UDL       L1      L2      CON      L     LIN1      LIN2

    111      0.0700 GZ    0.00     6.00
    113      0.0700 GZ    0.00     6.00
    114      0.0700 GZ    0.00     6.00
    115      0.0700 GZ    0.00     6.00
    116      0.0700 GZ    0.00     6.00
    117      0.0700 GZ    0.00     6.00
    118      0.0700 GZ    0.00     6.00
    119      0.0700 GZ    0.00     6.00
    131      0.0700 GZ    0.00     6.00
    132      0.0700 GZ    0.00     6.00
    133      0.0700 GZ    0.00     6.00
    134      0.0700 GZ    0.00     3.00
    135      0.0700 GZ    0.00     6.00
    140      0.0700 GZ    0.00     6.00
    141      0.0700 GZ    0.00     6.00
    142      0.0700 GZ    0.00     6.00
    143      0.0700 GZ    0.00     3.00
    144      0.0700 GZ    0.00     6.00
    156      0.0700 GZ    0.00     6.00
    158      0.0700 GZ    0.00     6.00
    159      0.0700 GZ    0.00     6.00
    160      0.0700 GZ    0.00     6.00
    161      0.0700 GZ    0.00     6.00
    162      0.0700 GZ    0.00     6.00
    163      0.0700 GZ    0.00     6.00
    164      0.0700 GZ    0.00     6.00
    200      0.0700 GZ    0.00     3.00
    213      0.0700 GZ    0.00     3.00
   1205      0.0700 GZ    0.00     3.00
   1209      0.0700 GZ    0.00     3.00
    120      0.1400 GZ    0.00     6.00
    121      0.1400 GZ    0.00     6.00
    122      0.1400 GZ    0.00     6.00
    123      0.1400 GZ    0.00     6.00
    124      0.1400 GZ    0.00     6.00
    125      0.1400 GZ    0.00     6.00
    126      0.1400 GZ    0.00     6.00
    127      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
    136      0.1400 GZ    0.00     6.00
    137      0.1400 GZ    0.00     6.00
    138      0.1400 GZ    0.00     6.00
    139      0.1400 GZ    0.00     6.00
    145      0.1400 GZ    0.00     6.00
    146      0.1400 GZ    0.00     6.00
    147      0.1400 GZ    0.00     6.00
    148      0.1400 GZ    0.00     6.00
```

```
149     0.1400 GZ    0.00     6.00
150     0.1400 GZ    0.00     6.00
151     0.1400 GZ    0.00     6.00
152     0.1400 GZ    0.00     6.00
153     0.1400 GZ    0.00     6.00
154     0.1400 GZ    0.00     6.00
155     0.1400 GZ    0.00     3.00
165     0.1400 GZ    0.00     3.00
166     0.1400 GZ    0.00     3.00
172     0.1400 GZ    0.00     6.00
173     0.1400 GZ    0.00     6.00
178     0.1400 GZ    0.00     6.00
179     0.1400 GZ    0.00     6.00
184     0.1400 GZ    0.00     6.00
185     0.1400 GZ    0.00     6.00
190     0.1400 GZ    0.00     6.00
191     0.1400 GZ    0.00     6.00
196     0.1400 GZ    0.00     6.00
197     0.1400 GZ    0.00     6.00
204     0.1400 GZ    0.00     6.00
205     0.1400 GZ    0.00     6.00
208     0.1400 GZ    0.00     6.00
209     0.1400 GZ    0.00     6.00
222     0.1400 GZ    0.00     6.00
223     0.1400 GZ    0.00     6.00
224     0.1400 GZ    0.00     6.00
225     0.1400 GZ    0.00     6.00
226     0.1400 GZ    0.00     6.00
227     0.1400 GZ    0.00     6.00
228     0.1400 GZ    0.00     6.00
229     0.1400 GZ    0.00     6.00
238     0.1400 GZ    0.00     6.00
239     0.1400 GZ    0.00     6.00
240     0.1400 GZ    0.00     6.00
241     0.1400 GZ    0.00     6.00
242     0.1400 GZ    0.00     6.00
243     0.1400 GZ    0.00     6.00
244     0.1400 GZ    0.00     6.00
245     0.1400 GZ    0.00     6.00
254     0.1400 GZ    0.00     6.00
255     0.1400 GZ    0.00     6.00
256     0.1400 GZ    0.00     6.00
257     0.1400 GZ    0.00     6.00
258     0.1400 GZ    0.00     6.00
259     0.1400 GZ    0.00     6.00
260     0.1400 GZ    0.00     6.00
261     0.1400 GZ    0.00     6.00
270     0.1400 GZ    0.00     6.00
271     0.1400 GZ    0.00     6.00
272     0.1400 GZ    0.00     6.00
273     0.1400 GZ    0.00     6.00
274     0.1400 GZ    0.00     6.00
275     0.1400 GZ    0.00     6.00
276     0.1400 GZ    0.00     6.00
277     0.1400 GZ    0.00     6.00
286     0.1400 GZ    0.00     6.00
```

```
 287     0.1400 GZ    0.00    6.00
 288     0.1400 GZ    0.00    6.00
 289     0.1400 GZ    0.00    6.00
 290     0.1400 GZ    0.00    6.00
 291     0.1400 GZ    0.00    6.00
 292     0.1400 GZ    0.00    6.00
 293     0.1400 GZ    0.00    6.00
 306     0.1400 GZ    0.00    6.00
 307     0.1400 GZ    0.00    6.00
 308     0.1400 GZ    0.00    6.00
 309     0.1400 GZ    0.00    6.00
 310     0.1400 GZ    0.00    6.00
 311     0.1400 GZ    0.00    6.00
 312     0.1400 GZ    0.00    6.00
 313     0.1400 GZ    0.00    6.00
 314     0.1400 GZ    0.00    6.00
 315     0.1400 GZ    0.00    6.00
 326     0.1400 GZ    0.00    6.00
 327     0.1400 GZ    0.00    6.00
 328     0.1400 GZ    0.00    6.00
 329     0.1400 GZ    0.00    6.00
 330     0.1400 GZ    0.00    6.00
 331     0.1400 GZ    0.00    6.00
 332     0.1400 GZ    0.00    3.00
 333     0.1400 GZ    0.00    3.00
 334     0.1400 GZ    0.00    6.00
 335     0.1400 GZ    0.00    6.00
 341     0.1400 GZ    0.00    6.00
 342     0.1400 GZ    0.00    6.00
 347     0.1400 GZ    0.00    3.00
 348     0.1400 GZ    0.00    3.00
1204     0.1400 GZ    0.00    3.00
1210     0.1400 GZ    0.00    3.00
1213     0.1400 GZ    0.00    3.00
1215     0.1400 GZ    0.00    3.00
1535     0.1400 GZ    0.00    3.00
1537     0.1400 GZ    0.00    3.00
1538     0.1400 GZ    0.00    3.00
 453     0.1800 GZ    0.00    6.00
 454     0.1800 GZ    0.00    6.00
 455     0.1800 GZ    0.00    6.00
 456     0.1800 GZ    0.00    6.00
 457     0.1800 GZ    0.00    6.00
 458     0.1800 GZ    0.00    6.00
 459     0.1800 GZ    0.00    6.00
 460     0.1800 GZ    0.00    6.00
 461     0.1800 GZ    0.00    6.00
 473     0.1800 GZ    0.00    2.00
 474     0.1800 GZ    0.00    2.00
 475     0.1800 GZ    0.00    2.00
 477     0.1800 GZ    0.00    2.00
 482     0.1800 GZ    0.00    2.00
 483     0.1800 GZ    0.00    2.00
 484     0.1800 GZ    0.00    2.00
 486     0.1800 GZ    0.00    2.00
 488     0.1800 GZ    0.00    6.00
```

```
 497     0.1800 GZ     0.00     3.00
 498     0.1800 GZ     0.00     6.00
 500     0.1800 GZ     0.00     6.00
 501     0.1800 GZ     0.00     6.00
 502     0.1800 GZ     0.00     6.00
 503     0.1800 GZ     0.00     6.00
 504     0.1800 GZ     0.00     6.00
 505     0.1800 GZ     0.00     6.00
 506     0.1800 GZ     0.00     6.00
 555     0.1800 GZ     0.00     3.00
 706     0.1800 GZ     0.00     3.00
 707     0.1800 GZ     0.00     3.00
1361     0.1800 GZ     0.00     3.00
1405     0.1800 GZ     0.00     2.00
1406     0.1800 GZ     0.00     2.00
1407     0.1800 GZ     0.00     1.50
1408     0.1800 GZ     0.00     1.50
1409     0.1800 GZ     0.00     2.00
1410     0.1800 GZ     0.00     0.50
1411     0.1800 GZ     0.00     2.00
1412     0.1800 GZ     0.00     0.50
1413     0.1800 GZ     0.00     2.00
1414     0.1800 GZ     0.00     2.00
1415     0.1800 GZ     0.00     1.50
1416     0.1800 GZ     0.00     2.00
1417     0.1800 GZ     0.00     0.50
1418     0.1800 GZ     0.00     1.50
1419     0.1800 GZ     0.00     2.00
1420     0.1800 GZ     0.00     0.50
1421     0.1800 GZ     0.00     2.00
1422     0.1800 GZ     0.00     2.00
1423     0.1800 GZ     0.00     1.50
1424     0.1800 GZ     0.00     2.00
1425     0.1800 GZ     0.00     0.50
1426     0.1800 GZ     0.00     1.50
1427     0.1800 GZ     0.00     2.00
1428     0.1800 GZ     0.00     0.50
1429     0.1800 GZ     0.00     2.00
1430     0.1800 GZ     0.00     2.00
1431     0.1800 GZ     0.00     1.50
1432     0.1800 GZ     0.00     1.50
1433     0.1800 GZ     0.00     2.00
1434     0.1800 GZ     0.00     0.50
1435     0.1800 GZ     0.00     2.00
1436     0.1800 GZ     0.00     0.50
1438     0.1800 GZ     0.00     0.50
1443     0.1800 GZ     0.00     0.50
1449     0.1800 GZ     0.00     0.50
1453     0.1800 GZ     0.00     0.50
1459     0.1800 GZ     0.00     0.50
1463     0.1800 GZ     0.00     0.50
1471     0.1800 GZ     0.00     0.50
1475     0.1800 GZ     0.00     0.50
1490     0.1800 GZ     0.00     1.50
1497     0.1800 GZ     0.00     1.50
1498     0.1800 GZ     0.00     1.50
```

```
1500      0.1800 GZ     0.00     1.50
1501      0.1800 GZ     0.00     1.50
1506      0.1800 GZ     0.00     1.50
1519      0.1800 GZ     0.00     1.50
1520      0.1800 GZ     0.00     1.50
1525      0.1800 GZ     0.00     3.00
 462      0.3600 GZ     0.00     6.00
 463      0.3600 GZ     0.00     6.00
 464      0.3600 GZ     0.00     6.00
 465      0.3600 GZ     0.00     5.50
 466      0.3600 GZ     0.00     6.00
 467      0.3600 GZ     0.00     6.00
 468      0.3600 GZ     0.00     6.00
 469      0.3600 GZ     0.00     6.00
 470      0.3600 GZ     0.00     6.00
 471      0.3600 GZ     0.00     6.00
 472      0.3600 GZ     0.00     6.00
 478      0.3600 GZ     0.00     6.00
 479      0.3600 GZ     0.00     6.00
 480      0.3600 GZ     0.00     6.00
 481      0.3600 GZ     0.00     6.00
 487      0.3600 GZ     0.00     6.00
 489      0.3600 GZ     0.00     6.00
 490      0.3600 GZ     0.00     6.00
 491      0.3600 GZ     0.00     6.00
 492      0.3600 GZ     0.00     6.00
 493      0.3600 GZ     0.00     6.00
 494      0.3600 GZ     0.00     6.00
 495      0.3600 GZ     0.00     6.00
 496      0.3600 GZ     0.00     6.00
 514      0.3600 GZ     0.00     6.00
 515      0.3600 GZ     0.00     6.00
 520      0.3600 GZ     0.00     6.00
 521      0.3600 GZ     0.00     6.00
 526      0.3600 GZ     0.00     6.00
 527      0.3600 GZ     0.00     6.00
 532      0.3600 GZ     0.00     6.00
 533      0.3600 GZ     0.00     6.00
 538      0.3600 GZ     0.00     6.00
 539      0.3600 GZ     0.00     6.00
 542      0.3600 GZ     0.00     6.00
 543      0.3600 GZ     0.00     6.00
 546      0.3600 GZ     0.00     6.00
 547      0.3600 GZ     0.00     6.00
 550      0.3600 GZ     0.00     6.00
 551      0.3600 GZ     0.00     6.00
 564      0.3600 GZ     0.00     6.00
 565      0.3600 GZ     0.00     6.00
 566      0.3600 GZ     0.00     6.00
 567      0.3600 GZ     0.00     6.00
 568      0.3600 GZ     0.00     6.00
 569      0.3600 GZ     0.00     6.00
 570      0.3600 GZ     0.00     6.00
 571      0.3600 GZ     0.00     6.00
 580      0.3600 GZ     0.00     6.00
 581      0.3600 GZ     0.00     6.00
```

```
 582     0.3600 GZ     0.00      6.00
 583     0.3600 GZ     0.00      6.00
 584     0.3600 GZ     0.00      6.00
 585     0.3600 GZ     0.00      6.00
 586     0.3600 GZ     0.00      6.00
 587     0.3600 GZ     0.00      6.00
 596     0.3600 GZ     0.00      6.00
 597     0.3600 GZ     0.00      6.00
 598     0.3600 GZ     0.00      6.00
 599     0.3600 GZ     0.00      6.00
 600     0.3600 GZ     0.00      6.00
 601     0.3600 GZ     0.00      6.00
 602     0.3600 GZ     0.00      6.00
 603     0.3600 GZ     0.00      6.00
 612     0.3600 GZ     0.00      6.00
 613     0.3600 GZ     0.00      6.00
 614     0.3600 GZ     0.00      6.00
 615     0.3600 GZ     0.00      6.00
 616     0.3600 GZ     0.00      6.00
 617     0.3600 GZ     0.00      6.00
 618     0.3600 GZ     0.00      6.00
 619     0.3600 GZ     0.00      6.00
 628     0.3600 GZ     0.00      6.00
 629     0.3600 GZ     0.00      6.00
 630     0.3600 GZ     0.00      6.00
 631     0.3600 GZ     0.00      6.00
 632     0.3600 GZ     0.00      6.00
 633     0.3600 GZ     0.00      6.00
 634     0.3600 GZ     0.00      6.00
 635     0.3600 GZ     0.00      6.00
 648     0.3600 GZ     0.00      6.00
 649     0.3600 GZ     0.00      6.00
 650     0.3600 GZ     0.00      6.00
 651     0.3600 GZ     0.00      6.00
 652     0.3600 GZ     0.00      6.00
 653     0.3600 GZ     0.00      6.00
 654     0.3600 GZ     0.00      6.00
 655     0.3600 GZ     0.00      6.00
 656     0.3600 GZ     0.00      6.00
 657     0.3600 GZ     0.00      6.00
 668     0.3600 GZ     0.00      6.00
 669     0.3600 GZ     0.00      6.00
 670     0.3600 GZ     0.00      6.00
 671     0.3600 GZ     0.00      6.00
 672     0.3600 GZ     0.00      6.00
 673     0.3600 GZ     0.00      6.00
 676     0.3600 GZ     0.00      6.00
 677     0.3600 GZ     0.00      6.00
 683     0.3600 GZ     0.00      6.00
 684     0.3600 GZ     0.00      6.00
1362     0.3600 GZ     0.00      3.00
1365     0.3600 GZ     0.00      3.00
1481     0.3600 GZ     0.00      3.00
1482     0.3600 GZ     0.00      3.00
1486     0.3600 GZ     0.00      3.00
1487     0.3600 GZ     0.00      3.00
```

```
1488     0.3600 GZ     0.00      0.50
1529     0.3600 GZ     0.00      3.00
 473     0.1400 GZ     0.00      2.00
 474     0.1400 GZ     0.00      2.00
 475     0.1400 GZ     0.00      2.00
 477     0.1400 GZ     0.00      2.00
 482     0.1400 GZ     0.00      2.00
 483     0.1400 GZ     0.00      2.00
 484     0.1400 GZ     0.00      2.00
 486     0.1400 GZ     0.00      2.00
 488     0.1400 GZ     0.00      6.00
 497     0.1400 GZ     0.00      3.00
 706     0.1400 GZ     0.00      3.00
 707     0.1400 GZ     0.00      3.00
1406     0.1400 GZ     0.00      2.00
1411     0.1400 GZ     0.00      2.00
1414     0.1400 GZ     0.00      2.00
1419     0.1400 GZ     0.00      2.00
1422     0.1400 GZ     0.00      2.00
1427     0.1400 GZ     0.00      2.00
1430     0.1400 GZ     0.00      2.00
1435     0.1400 GZ     0.00      2.00
1524     0.1400 GZ     0.00      3.00
 674     0.2700 GZ     0.00      3.00
 675     0.2700 GZ     0.00      6.00
 694     0.2700 GZ     0.00      2.00
 695     0.2700 GZ     0.00      2.00
 699     0.2700 GZ     0.00      2.00
 700     0.2700 GZ     0.00      2.00
 704     0.2700 GZ     0.00      2.00
 705     0.2700 GZ     0.00      2.00
 708     0.2700 GZ     0.00      3.00
 709     0.2700 GZ     0.00      3.00
 710     0.2700 GZ     0.00      2.00
 711     0.2700 GZ     0.00      2.00
1382     0.2700 GZ     0.00      2.00
1385     0.2700 GZ     0.00      2.00
1388     0.2700 GZ     0.00      2.00
1390     0.2700 GZ     0.00      2.00
1394     0.2700 GZ     0.00      2.00
1396     0.2700 GZ     0.00      2.00
1400     0.2700 GZ     0.00      2.00
1402     0.2700 GZ     0.00      2.00
1439     0.2700 GZ     0.00      2.00
1447     0.2700 GZ     0.00      2.00
1451     0.2700 GZ     0.00      2.00
1457     0.2700 GZ     0.00      2.00
1461     0.2700 GZ     0.00      2.00
1467     0.2700 GZ     0.00      2.00
1473     0.2700 GZ     0.00      2.00
1479     0.2700 GZ     0.00      2.00
1512     0.2700 GZ     0.00      3.00
1529     0.2700 GZ     0.00      3.00
```

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
204				0.2150 GX	2.00		
205				0.2150 GX	2.00		
208				0.2150 GX	2.00		
209				0.2150 GX	2.00		
241				1.8000 GX	3.00		

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
215	1.0000 GX	0.65	2.00				
231	1.0000 GX	0.65	2.00				
123				2.4300 GX	3.00		
216	1.0000 GX	0.00	0.65				
232	1.0000 GX	0.00	0.65				
665				0.8500 GX	1.50		
1524				0.8500 GX	1.50		
1525				0.8500 GX	1.50		
1545				0.8500 GX	1.50		
1548				0.8500 GX	1.50		
1549				0.8500 GX	1.50		
1552				0.8500 GX	1.50		
1554				0.8500 GX	1.50		
1556				0.8500 GX	1.50		

JOINT LOAD - UNIT MTON METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
129	0.22	0.00	0.00	0.00	0.00	0.00
130	0.22	0.00	0.00	0.00	0.00	0.00
137	0.22	0.00	0.00	0.00	0.00	0.00
138	0.22	0.00	0.00	0.00	0.00	0.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
37	1.0000 GX	0.00	2.00				
48	1.0000 GX	0.00	2.00				

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
204				0.2150 GY	2.00		

```
STAAD SPACE                                            -- PAGE NO.   97

 205                                0.2150 GY   2.00
 208                                0.2150 GY   2.00
 209                                0.2150 GY   2.00
 241                                1.8000 GY   3.00


 MEMBER LOAD - UNIT MTON METE

 MEMBER     UDL      L1     L2      CON      L     LIN1      LIN2

  215     1.0000 GY  0.65   2.00
  231     1.0000 GY  0.65   2.00
  123                             2.4300 GY   3.00
  216     1.0000 GY  0.00   0.65
  232     1.0000 GY  0.00   0.65
  665                             0.8500 GY   1.50
 1524                             0.8500 GY   1.50
 1525                             0.8500 GY   1.50
 1545                             0.8500 GY   1.50
 1548                             0.8500 GY   1.50
 1549                             0.8500 GY   1.50
 1552                             0.8500 GY   1.50
 1554                             0.8500 GY   1.50
 1556                             0.8500 GY   1.50


 JOINT LOAD - UNIT MTON METE

 JOINT   FORCE-X   FORCE-Y    FORCE-Z     MOM-X     MOM-Y     MOM-Z

  129      0.00      0.22       0.00       0.00      0.00      0.00
  130      0.00      0.22       0.00       0.00      0.00      0.00
  137      0.00      0.22       0.00       0.00      0.00      0.00
  138      0.00      0.22       0.00       0.00      0.00      0.00


 MEMBER LOAD - UNIT MTON METE

 MEMBER     UDL      L1     L2      CON      L     LIN1      LIN2

   37     1.0000 GY  0.00   2.00
   48     1.0000 GY  0.00   2.00


 MEMBER LOAD - UNIT MTON METE

 MEMBER     UDL      L1     L2      CON      L     LIN1      LIN2

  204                             0.2150 GZ   2.00
  205                             0.2150 GZ   2.00
  208                             0.2150 GZ   2.00
  209                             0.2150 GZ   2.00
  241                             1.8000 GZ   3.00
```

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
215	1.0000 GZ	0.65	2.00				
231	1.0000 GZ	0.65	2.00				
123				2.4300 GY	3.00		
216	1.0000 GZ	0.00	0.65				
232	1.0000 GZ	0.00	0.65				
665				0.8500 GZ	1.50		
1524				0.8500 GZ	1.50		
1525				0.8500 GZ	1.50		
1545				0.8500 GZ	1.50		
1548				0.8500 GZ	1.50		
1549				0.8500 GZ	1.50		
1552				0.8500 GZ	1.50		
1554				0.8500 GZ	1.50		
1556				0.8500 GZ	1.50		

JOINT LOAD - UNIT MTON METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
129	0.00	0.00	0.22	0.00	0.00	0.00
130	0.00	0.00	0.22	0.00	0.00	0.00
137	0.00	0.00	0.22	0.00	0.00	0.00
138	0.00	0.00	0.22	0.00	0.00	0.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
37	1.0000 GZ	0.00	2.00				
48	1.0000 GZ	0.00	2.00				

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1381	1.8000 GX	0.00	2.00				
1383	1.8000 GX	0.00	2.00				
1387	1.8000 GX	0.00	2.00				
1389	1.8000 GX	0.00	2.00				
1393	1.8000 GX	0.00	2.00				
1395	1.8000 GX	0.00	2.00				
1399	1.8000 GX	0.00	2.00				
1401	1.8000 GX	0.00	2.00				
1381				0.7500 GX	1.00		
1383				0.7500 GX	1.00		
1387				0.7500 GX	1.00		
1389				0.7500 GX	1.00		

```
  STAAD SPACE                                              -- PAGE NO.   99

1393                              0.7500 GX   1.00
1395                              0.7500 GX   1.00
1399                              0.7500 GX   1.00
1401                              0.7500 GX   1.00


  MEMBER LOAD - UNIT MTON METE

  MEMBER      UDL      L1     L2      CON       L     LIN1      LIN2


1381     1.8000 GY   0.00    2.00
1383     1.8000 GY   0.00    2.00
1387     1.8000 GY   0.00    2.00
1389     1.8000 GY   0.00    2.00
1393     1.8000 GY   0.00    2.00
1395     1.8000 GY   0.00    2.00
1399     1.8000 GY   0.00    2.00
1401     1.8000 GY   0.00    2.00
1381                              0.7500 GY   1.00
1383                              0.7500 GY   1.00
1387                              0.7500 GY   1.00
1389                              0.7500 GY   1.00
1393                              0.7500 GY   1.00
1395                              0.7500 GY   1.00
1399                              0.7500 GY   1.00
1401                              0.7500 GY   1.00


  MEMBER LOAD - UNIT MTON METE

  MEMBER      UDL      L1     L2      CON       L     LIN1      LIN2


1381     1.8000 GZ   0.00    2.00
1383     1.8000 GZ   0.00    2.00
1387     1.8000 GZ   0.00    2.00
1389     1.8000 GZ   0.00    2.00
1393     1.8000 GZ   0.00    2.00
1395     1.8000 GZ   0.00    2.00
1399     1.8000 GZ   0.00    2.00
1401     1.8000 GZ   0.00    2.00
1381                              0.7500 GZ   1.00
1383                              0.7500 GZ   1.00
1387                              0.7500 GZ   1.00
1389                              0.7500 GZ   1.00
1393                              0.7500 GZ   1.00
1395                              0.7500 GZ   1.00
1399                              0.7500 GZ   1.00
1401                              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	0.4780
0.1000	0.4780
0.2000	0.4780
0.3000	0.4780
0.4000	0.4780
0.5000	0.4780
0.6000	0.4780
0.7000	0.4780
0.8000	0.4780
0.9000	0.4780
1.0000	0.4780
1.1000	0.4780
1.2000	0.4780
1.3000	0.4530
1.4000	0.4310
1.5000	0.4120
1.6000	0.3940
1.7000	0.3790
1.8000	0.3650
1.9000	0.3520
2.0000	0.3400
2.1000	0.3290
2.2000	0.3190
2.3000	0.3100
2.4000	0.3010
2.5000	0.2930
2.6000	0.2850
2.7000	0.2780
2.8000	0.2720
2.9000	0.2650
3.0000	0.2600
3.1000	0.2540
3.2000	0.2490
3.3000	0.2440
3.4000	0.2390
3.5000	0.2340
3.6000	0.2300
3.7000	0.2260
3.8000	0.2220
3.9000	0.2180
4.0000	0.2140
4.1000	0.2110
4.2000	0.2070
4.3000	0.2040
4.4000	0.2010
4.5000	0.1980
4.6000	0.1950
4.7000	0.1920
4.8000	0.1900
4.9000	0.1870
5.0000	0.1850

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

LOADING   9 LOADTYPE SEISMIC TITLE SISMO EN Z

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

         DIRECTIONAL VALUES: SCALE FACTOR =   9.81

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

         PERIOD VS. ACCELERATION

         0.0010   0.4780
         0.1000   0.4780
         0.2000   0.4780
         0.3000   0.4780
         0.4000   0.4780
         0.5000   0.4780
         0.6000   0.4780
         0.7000   0.4780
         0.8000   0.4780
         0.9000   0.4780
         1.0000   0.4780
         1.1000   0.4780
         1.2000   0.4780
         1.3000   0.4530
         1.4000   0.4310
         1.5000   0.4120
         1.6000   0.3940
         1.7000   0.3790
         1.8000   0.3650
         1.9000   0.3520
         2.0000   0.3400
         2.1000   0.3290
         2.2000   0.3190
         2.3000   0.3100
         2.4000   0.3010
         2.5000   0.2930
         2.6000   0.2850
         2.7000   0.2780
         2.8000   0.2720
         2.9000   0.2650
         3.0000   0.2600
         3.1000   0.2540
         3.2000   0.2490
         3.3000   0.2440
         3.4000   0.2390
         3.5000   0.2340

```
             3.6000          0.2300
             3.7000          0.2260
             3.8000          0.2220
             3.9000          0.2180
             4.0000          0.2140
             4.1000          0.2110
             4.2000          0.2070
             4.3000          0.2040
             4.4000          0.2010
             4.5000          0.1980
             4.6000          0.1950
             4.7000          0.1920
             4.8000          0.1900
             4.9000          0.1870
             5.0000          0.1850
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT     483 EQN.NO.     282
         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     494 EQN.NO.    1755
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT     488 EQN.NO.    1806
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT     608 EQN.NO.    1968
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT     607 EQN.NO.    2076
*WARNING- ZERO STIFFNESS IN DIRECTION 2 AT JOINT     496 EQN.NO.    2288
*WARNING- ZERO STIFFNESS IN DIRECTION 4 AT JOINT     496 EQN.NO.    2290
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT     496 EQN.NO.    2292
*WARNING- ZERO STIFFNESS IN DIRECTION 2 AT JOINT     497 EQN.NO.    2294
*WARNING- ZERO STIFFNESS IN DIRECTION 4 AT JOINT     497 EQN.NO.    2296
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT     497 EQN.NO.    2298
 EIGEN METHOD   : SUBSPACE
 -----------------------
 NUMBER OF MODES REQUESTED            =    35
 NUMBER OF EXISTING MASSES IN THE MODEL =  1098
 NUMBER OF MODES THAT WILL BE USED      =    35
```

STAAD SPACE   -- PAGE NO. 103

          CALCULATED FREQUENCIES FOR LOAD CASE   8

     MODE   FREQUENCY(CYCLES/SEC)   PERIOD(SEC)   ACCURACY

       1   1.860   0.53763   2.081E-16
       2   2.079   0.48098   3.331E-16
       3   2.285   0.43769   4.138E-16
       4   2.637   0.37927   2.071E-16
       5   2.672   0.37431   4.035E-16
       6   2.840   0.35206   0.000E+00
       7   2.976   0.33598   6.501E-16
       8   3.038   0.32912   0.000E+00
       9   3.050   0.32789   6.192E-16
      10   3.112   0.32134   2.974E-16
      11   3.150   0.31742   8.704E-16
      12   3.335   0.29986   1.261E-06
      13   3.425   0.29198   2.455E-16
      14   3.699   0.27034   6.314E-16
      15   3.729   0.26817   1.450E-15
      16   3.876   0.25800   3.834E-16
      17   4.030   0.24815   4.078E-15
      18   4.054   0.24665   1.752E-16
      19   4.073   0.24551   3.008E-13
      20   4.127   0.24233   4.566E-15
      21   4.266   0.23442   5.998E-14
      22   4.281   0.23359   4.386E-12
      23   4.453   0.22456   1.079E-13
      24   4.464   0.22402   9.211E-10
      25   4.464   0.22400   4.791E-13
      26   4.668   0.21424   2.368E-10
      27   4.778   0.20928   1.591E-11
      28   4.836   0.20677   7.319E-11
      29   4.896   0.20426   1.080E-10
      30   4.992   0.20031   1.205E-10
      31   5.001   0.19994   2.095E-10
      32   5.053   0.19789   2.905E-06
      33   5.101   0.19604   7.118E-07
      34   5.327   0.18772   1.079E-07
      35   5.381   0.18585   3.723E-10

The following Frequencies are estimates that were calculated. These are for
information only and will not be used. Remaining values are either above
the cut off mode/freq values or are of low accuracy. To use these
frequencies, rerun with a higher cutoff mode (or mode + freq) value.
           CALCULATED FREQUENCIES FOR LOAD CASE   8

MODE	FREQUENCY(CYCLES/SEC)	PERIOD(SEC)	ACCURACY
36	5.400	0.18519	2.044E-10
37	5.655	0.17684	6.956E-07
38	5.911	0.16917	8.506E-07
39	5.914	0.16910	6.090E-05
40	5.921	0.16888	1.505E-05
41	6.015	0.16626	3.211E-06
42	6.248	0.16004	4.402E-07

RESPONSE LOAD CASE   8

	MODAL WEIGHT (MODAL MASS TIMES g) IN MTON			GENERALIZED
MODE	X	Y	Z	WEIGHT
1	1.700687E+03	3.096054E-03	2.674266E-01	6.348174E+02
2	5.045697E-01	2.232833E-01	1.785644E+03	8.467111E+02
3	4.612537E+00	4.309697E-04	2.012403E+01	1.768631E+02
4	7.256384E-02	1.423954E-02	2.765378E-02	8.808622E+01
5	3.799717E-02	3.607666E-03	1.414566E-02	1.931921E+01
6	1.215936E+00	4.706696E-04	2.424072E-01	9.051167E+01
7	7.351108E-02	7.910410E-02	4.781382E+01	3.918944E+02
8	2.486631E+01	7.909756E-02	1.630427E+00	1.512570E+02
9	1.796611E-01	2.418726E-04	1.687912E+00	2.489604E+02
10	6.515801E-02	1.440060E-03	1.208086E+00	1.404389E+02
11	1.496080E+01	1.055002E-01	1.574167E-01	2.448403E+02
12	1.014018E-09	6.758954E-11	3.989814E-09	1.278053E+01
13	1.313845E+01	2.062023E-02	4.538928E-01	1.597386E+01
14	1.067512E+01	3.680945E-02	7.552189E-01	1.050058E+01
15	2.069321E-01	9.581467E-02	2.703711E+01	1.398731E+02
16	1.261533E-02	4.839592E+01	4.705937E-01	2.908881E+02
17	4.472932E-04	1.164119E-05	3.213189E-03	7.832450E+00
18	8.033395E-03	1.092804E-01	1.497758E-02	2.729549E+02
19	1.303539E-02	9.153591E-04	4.077026E-03	1.123255E+02
20	3.070962E+00	7.514725E-04	1.018885E-06	7.087495E+00
21	2.561459E-03	2.567197E+00	2.855425E-01	1.770162E+02
22	4.261894E-04	2.157453E-02	1.207572E+00	1.454483E+02
23	1.508884E-03	1.203440E+01	1.168029E-03	2.061740E+02

```
 24        1.107189E-04   9.199305E-04   5.223394E-01   6.580139E+01
 25        5.204762E-04   1.993845E-02   7.469592E-04   2.034342E+02
 26        8.388084E-04   6.165700E-01   1.478930E-02   7.108541E+01
 27        3.838026E-03   3.223720E+02   2.167389E-02   1.365030E+02
 28        2.986870E-02   4.042054E-03   2.272143E-01   7.376834E+01
 29        2.077512E-03   3.529717E+02   9.639784E-02   1.537038E+02
 30        3.221604E-03   1.422342E-01   4.262119E-04   1.133723E+02
 31        1.158622E-06   1.296335E+00   7.280687E-05   1.420256E+02
 32        3.983927E-05   1.317632E-01   3.428543E-01   2.348437E+01
 33        5.400130E-03   4.845146E-04   1.909866E-05   3.005461E+01
 34        7.207917E-04   3.573900E-03   1.116263E+00   1.223152E+01
 35        3.671524E-03   1.905747E+01   4.625192E-03   1.338494E+02
```

```
 SRSS         MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z    2.018811E+03   2.021241E+03   2.016381E+03 MTON
 MISSING WEIGHT X Y Z   -2.443551E+02  -1.260830E+03  -1.249831E+02 MTON
   MODAL WEIGHT X Y Z    1.774456E+03   7.604108E+02   1.891398E+03 MTON
```

```
        MODE                ACCELERATION-G    DAMPING
        ----                --------------    -------

           1                    0.47816       0.05000
           2                    0.47816       0.05000
           3                    0.47816       0.05000
           4                    0.47816       0.05000
           5                    0.47816       0.05000
           6                    0.47816       0.05000
           7                    0.47816       0.05000
           8                    0.47816       0.05000
           9                    0.47816       0.05000
          10                    0.47816       0.05000
          11                    0.47816       0.05000
          12                    0.47816       0.05000
          13                    0.47816       0.05000
          14                    0.47816       0.05000
          15                    0.47816       0.05000
          16                    0.47816       0.05000
          17                    0.47816       0.05000
          18                    0.47816       0.05000
          19                    0.47816       0.05000
          20                    0.47816       0.05000
          21                    0.47816       0.05000
          22                    0.47816       0.05000
          23                    0.47816       0.05000
          24                    0.47816       0.05000
          25                    0.47816       0.05000
          26                    0.47816       0.05000
          27                    0.47816       0.05000
          28                    0.47816       0.05000
          29                    0.47816       0.05000
          30                    0.47816       0.05000
```

MODE	ACCELERATION-G	DAMPING
31	0.47816	0.05000
32	0.47816	0.05000
33	0.47816	0.05000
34	0.47816	0.05000
35	0.47816	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	0.538	813.21	-1.10	10.20	80.72	22840.02	-4199.41
2	0.481	0.24	0.16	-14.35	-84.13	201.34	0.90
3	0.438	2.21	-0.02	4.61	25.35	-525.41	-16.76
4	0.379	0.03	0.02	-0.02	-0.81	6.04	-1.06
5	0.374	0.02	0.01	-0.01	-0.24	2.09	-1.23
6	0.352	0.58	0.01	0.26	4.99	-71.93	-14.29
7	0.336	0.04	0.04	0.90	-5.54	-10.26	-0.43
8	0.329	11.89	0.67	-3.04	-9.36	549.47	-165.10
9	0.328	0.09	-0.00	-0.26	1.00	6.64	-1.09
10	0.321	0.03	-0.00	-0.13	0.39	0.53	0.24
11	0.317	7.15	0.60	0.73	-31.53	171.48	-88.60
12	0.300	0.00	-0.00	0.00	0.00	-0.00	-0.00
13	0.292	6.28	0.25	1.17	-4.63	108.57	-50.74
14	0.270	5.10	0.30	-1.36	-9.84	170.16	-35.75
15	0.268	0.10	0.07	1.13	-2.49	-22.12	0.23
16	0.258	0.01	-0.37	-0.04	10.96	0.68	-5.31
17	0.248	0.00	-0.00	-0.00	0.00	-0.00	-0.00
18	0.247	0.00	-0.01	0.01	-1.85	-0.16	2.15
19	0.246	0.01	-0.00	-0.00	-0.30	-0.23	0.00
20	0.242	1.47	-0.02	-0.00	1.82	11.65	1.06
21	0.234	0.00	-0.04	-0.01	6.94	0.20	-0.61
22	0.234	0.00	-0.00	0.01	0.25	-0.25	-0.03
23	0.225	0.00	0.06	0.00	-2.27	-0.08	0.96
24	0.224	0.00	-0.00	0.00	0.01	-0.06	-0.00
25	0.224	0.00	0.00	-0.00	-0.62	0.01	0.03
26	0.214	0.00	-0.01	0.00	0.19	-0.19	-0.15
27	0.209	0.00	-0.53	-0.00	14.20	0.07	-7.50
28	0.207	0.01	0.01	-0.04	-0.23	1.05	0.04
29	0.204	0.00	-0.41	-0.01	12.82	0.14	-6.10
30	0.200	0.00	0.01	-0.00	0.17	0.03	2.95
31	0.200	0.00	0.00	0.00	-0.01	-0.00	0.11
32	0.198	0.00	0.00	0.00	-0.02	-0.03	0.02
33	0.196	0.00	-0.00	0.00	0.02	0.02	0.10
34	0.188	0.00	0.00	0.01	-0.00	-0.35	0.01
35	0.186	0.00	0.13	-0.00	-4.15	0.09	2.46

```
           MASS  PARTICIPATION FACTORS IN PERCENT        BASE SHEAR IN MTON
           --------------------------------------        ------------------

  MODE    X      Y      Z     SUMM-X    SUMM-Y    SUMM-Z       X        Y       Z

    1   84.24   0.00   0.01   84.242    0.000     0.013     813.21    0.00    0.00
    2    0.02   0.01  88.56   84.267    0.011    88.570       0.24    0.00    0.00
    3    0.23   0.00   1.00   84.495    0.011    89.568       2.21    0.00    0.00
    4    0.00   0.00   0.00   84.499    0.012    89.569       0.03    0.00    0.00
    5    0.00   0.00   0.00   84.501    0.012    89.570       0.02    0.00    0.00
    6    0.06   0.00   0.01   84.561    0.012    89.582       0.58    0.00    0.00
    7    0.00   0.00   2.37   84.565    0.016    91.953       0.04    0.00    0.00
    8    1.23   0.00   0.08   85.796    0.020    92.034      11.89    0.00    0.00
    9    0.01   0.00   0.08   85.805    0.020    92.118       0.09    0.00    0.00
   10    0.00   0.00   0.06   85.809    0.020    92.178       0.03    0.00    0.00
   11    0.74   0.01   0.01   86.550    0.025    92.186       7.15    0.00    0.00
   12    0.00   0.00   0.00   86.550    0.025    92.186       0.00    0.00    0.00
   13    0.65   0.00   0.02   87.200    0.026    92.208       6.28    0.00    0.00
   14    0.53   0.00   0.04   87.729    0.028    92.246       5.10    0.00    0.00
   15    0.01   0.00   1.34   87.740    0.033    93.587       0.10    0.00    0.00
   16    0.00   2.39   0.02   87.740    2.427    93.610       0.01    0.00    0.00
   17    0.00   0.00   0.00   87.740    2.427    93.610       0.00    0.00    0.00
   18    0.00   0.01   0.00   87.741    2.433    93.611       0.00    0.00    0.00
   19    0.00   0.00   0.00   87.741    2.433    93.611       0.01    0.00    0.00
   20    0.15   0.00   0.00   87.893    2.433    93.611       1.47    0.00    0.00
   21    0.00   0.13   0.01   87.893    2.560    93.625       0.00    0.00    0.00
   22    0.00   0.00   0.06   87.893    2.561    93.685       0.00    0.00    0.00
   23    0.00   0.60   0.00   87.894    3.156    93.685       0.00    0.00    0.00
   24    0.00   0.00   0.03   87.894    3.156    93.711       0.00    0.00    0.00
   25    0.00   0.00   0.00   87.894    3.157    93.711       0.00    0.00    0.00
   26    0.00   0.03   0.00   87.894    3.188    93.712       0.00    0.00    0.00
   27    0.00  15.95   0.00   87.894   19.137    93.713       0.00    0.00    0.00
   28    0.00   0.00   0.01   87.895   19.137    93.724       0.01    0.00    0.00
   29    0.00  17.46   0.00   87.895   36.600    93.729       0.00    0.00    0.00
   30    0.00   0.01   0.00   87.896   36.607    93.729       0.00    0.00    0.00
   31    0.00   0.06   0.00   87.896   36.671    93.729       0.00    0.00    0.00
   32    0.00   0.01   0.02   87.896   36.678    93.746       0.00    0.00    0.00
   33    0.00   0.00   0.00   87.896   36.678    93.746       0.00    0.00    0.00
   34    0.00   0.00   0.06   87.896   36.678    93.801       0.00    0.00    0.00
   35    0.00   0.94   0.00   87.896   37.621    93.802       0.00    0.00    0.00
                                                        --------------------------
                                  TOTAL SRSS  SHEAR       813.37    0.00    0.00
                                  TOTAL 10PCT SHEAR       813.58    0.00    0.00
                                  TOTAL ABS   SHEAR       848.48    0.00    0.00
```

RESPONSE LOAD CASE   9

```
        MODAL WEIGHT (MODAL MASS TIMES g) IN MTON          GENERALIZED
  MODE        X               Y               Z             WEIGHT

     1      1.700687E+03    3.096054E-03    2.674266E-01    6.348174E+02
     2      5.045697E-01    2.232833E-01    1.785644E+03    8.467111E+02
     3      4.612537E+00    4.309697E-04    2.012403E+01    1.768631E+02
     4      7.256384E-02    1.423954E-02    2.765378E-02    8.808622E+01
     5      3.799717E-02    3.607666E-03    1.414566E-02    1.931921E+01
     6      1.215936E+00    4.706696E-04    2.424072E-01    9.051167E+01
     7      7.351108E-02    7.910410E-02    4.781382E+01    3.918944E+02
     8      2.486631E+01    7.909756E-02    1.630427E+00    1.512570E+02
     9      1.796611E-01    2.418726E-04    1.687912E+00    2.489604E+02
    10      6.515801E-02    1.440060E-03    1.208086E+00    1.404389E+02
    11      1.496080E+01    1.055002E-01    1.574167E-01    2.448403E+02
    12      1.014018E-09    6.758954E-11    3.989814E-09    1.278053E+01
    13      1.313845E+01    2.062023E-02    4.538928E-01    1.597386E+01
    14      1.067512E+01    3.680945E-02    7.552189E-01    1.050058E+01
    15      2.069321E-01    9.581467E-02    2.703711E+01    1.398731E+02
    16      1.261533E-02    4.839592E+01    4.705937E-01    2.908881E+02
    17      4.472932E-04    1.164119E-05    3.213189E-03    7.832450E+00
    18      8.033395E-03    1.092804E-01    1.497758E-02    2.729549E+02
    19      1.303539E-02    9.153591E-04    4.077026E-03    1.123255E+02
    20      3.070962E+00    7.514725E-04    1.018885E-06    7.087495E+00
    21      2.561459E-03    2.567197E+00    2.855425E-01    1.770162E+02
    22      4.261894E-04    2.157453E-02    1.207572E+00    1.454483E+02
    23      1.508884E-03    1.203440E+01    1.168029E-03    2.061740E+02
    24      1.107189E-04    9.199305E-04    5.223394E-01    6.580139E+01
    25      5.204762E-04    1.993845E-02    7.469592E-04    2.034342E+02
    26      8.388084E-04    6.165700E-01    1.478930E-02    7.108541E+01
    27      3.838026E-03    3.223720E+02    2.167389E-02    1.365030E+02
    28      2.986870E-02    4.042054E-03    2.272143E-01    7.376834E+01
    29      2.077512E-03    3.529717E+02    9.639784E-02    1.537038E+02
    30      3.221604E-03    1.422342E-01    4.262119E-04    1.133723E+02
    31      1.158622E-06    1.296335E+00    7.280687E-05    1.420256E+02
    32      3.983927E-05    1.317632E-01    3.428543E-01    2.348437E+01
    33      5.400130E-03    4.845146E-04    1.909866E-05    3.005461E+01
    34      7.207917E-04    3.573900E-03    1.116263E+00    1.223152E+01
    35      3.671524E-03    1.905747E+01    4.625192E-03    1.338494E+02
```

```
  SRSS          MODAL COMBINATION METHOD USED.
  DYNAMIC WEIGHT X Y Z    2.018811E+03  2.021241E+03  2.016381E+03 MTON
  MISSING WEIGHT X Y Z   -2.443551E+02 -1.260830E+03 -1.249831E+02 MTON
    MODAL WEIGHT X Y Z    1.774456E+03  7.604108E+02  1.891398E+03 MTON
```

MODE	ACCELERATION-G	DAMPING
1	0.47816	0.05000
2	0.47816	0.05000
3	0.47816	0.05000
4	0.47816	0.05000
5	0.47816	0.05000
6	0.47816	0.05000
7	0.47816	0.05000
8	0.47816	0.05000
9	0.47816	0.05000
10	0.47816	0.05000
11	0.47816	0.05000
12	0.47816	0.05000
13	0.47816	0.05000
14	0.47816	0.05000
15	0.47816	0.05000
16	0.47816	0.05000
17	0.47816	0.05000
18	0.47816	0.05000
19	0.47816	0.05000
20	0.47816	0.05000
21	0.47816	0.05000
22	0.47816	0.05000
23	0.47816	0.05000
24	0.47816	0.05000
25	0.47816	0.05000
26	0.47816	0.05000
27	0.47816	0.05000
28	0.47816	0.05000
29	0.47816	0.05000
30	0.47816	0.05000
31	0.47816	0.05000
32	0.47816	0.05000
33	0.47816	0.05000
34	0.47816	0.05000
35	0.47816	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     0.538     10.20     -0.01      0.13      1.01    286.41    -52.66
       2     0.481    -14.35     -9.55    853.83   5004.78 -11977.43    -53.83
       3     0.438      4.61     -0.04      9.62     52.95  -1097.45    -35.01
       4     0.379     -0.02     -0.01      0.01      0.50     -3.73      0.66
       5     0.374     -0.01     -0.00      0.01      0.15     -1.28      0.75
       6     0.352      0.26      0.01      0.12      2.23    -32.12     -6.38
       7     0.336      0.90      0.93     22.86   -141.40   -261.55    -10.88
       8     0.329     -3.04     -0.17      0.78      2.40   -140.70     42.28
       9     0.328     -0.26      0.01      0.81     -3.07    -20.34      3.34
      10     0.321     -0.13      0.02      0.58     -1.69     -2.27     -1.02
      11     0.317      0.73      0.06      0.08     -3.23     17.59     -9.09
      12     0.300      0.00     -0.00      0.00      0.00     -0.00     -0.00
      13     0.292      1.17      0.05      0.22     -0.86     20.18     -9.43
      14     0.270     -1.36     -0.08      0.36      2.62    -45.26      9.51
      15     0.268      1.13      0.77     12.93    -28.47   -252.87      2.62
      16     0.258     -0.04      2.28      0.23    -66.92     -4.17     32.44
      17     0.248     -0.00      0.00      0.00     -0.01      0.01      0.01
      18     0.247      0.01     -0.02      0.01     -2.53     -0.22      2.94
      19     0.246     -0.00      0.00      0.00      0.17      0.13     -0.00
      20     0.242     -0.00      0.00      0.00     -0.00     -0.01     -0.00
      21     0.234     -0.01      0.41      0.14    -73.28     -2.15      6.47
      22     0.234      0.01     -0.08      0.58     13.31    -13.35     -1.39
      23     0.225      0.00      0.06      0.00     -1.99     -0.07      0.85
      24     0.224      0.00     -0.01      0.25      0.48     -3.99     -0.15
      25     0.224     -0.00     -0.00      0.00      0.74     -0.01     -0.04
      26     0.214      0.00     -0.05      0.01      0.81     -0.81     -0.64
      27     0.209     -0.00      1.26      0.01    -33.76     -0.16     17.83
      28     0.207     -0.04     -0.01      0.11      0.65     -2.90     -0.10
      29     0.204     -0.01      2.79      0.05    -87.35     -0.97     41.53
      30     0.200     -0.00     -0.00      0.00     -0.06     -0.01     -1.07
      31     0.200      0.00      0.00      0.00     -0.10     -0.01      0.86
      32     0.198      0.00      0.10      0.16     -2.22     -2.54      1.54
      33     0.196      0.00     -0.00      0.00      0.00      0.00      0.01
      34     0.188      0.01      0.03      0.53     -0.15    -13.80      0.39
      35     0.186     -0.00     -0.14      0.00      4.66     -0.10     -2.76
```

```
        MASS  PARTICIPATION FACTORS IN PERCENT        BASE SHEAR IN MTON
        ---------------------------------------       ------------------

 MODE    X      Y      Z     SUMM-X   SUMM-Y   SUMM-Z      X       Y        Z

   1   84.24   0.00   0.01   84.242    0.000    0.013    0.00    0.00     0.13
   2    0.02   0.01  88.56   84.267    0.011   88.570    0.00    0.00   853.83
   3    0.23   0.00   1.00   84.495    0.011   89.568    0.00    0.00     9.62
   4    0.00   0.00   0.00   84.499    0.012   89.569    0.00    0.00     0.01
   5    0.00   0.00   0.00   84.501    0.012   89.570    0.00    0.00     0.01
   6    0.06   0.00   0.01   84.561    0.012   89.582    0.00    0.00     0.12
   7    0.00   0.00   2.37   84.565    0.016   91.953    0.00    0.00    22.86
   8    1.23   0.00   0.08   85.796    0.020   92.034    0.00    0.00     0.78
   9    0.01   0.00   0.08   85.805    0.020   92.118    0.00    0.00     0.81
  10    0.00   0.00   0.06   85.809    0.020   92.178    0.00    0.00     0.58
  11    0.74   0.01   0.01   86.550    0.025   92.186    0.00    0.00     0.08
  12    0.00   0.00   0.00   86.550    0.025   92.186    0.00    0.00     0.00
  13    0.65   0.00   0.02   87.200    0.026   92.208    0.00    0.00     0.22
  14    0.53   0.00   0.04   87.729    0.028   92.246    0.00    0.00     0.36
  15    0.01   0.00   1.34   87.740    0.033   93.587    0.00    0.00    12.93
  16    0.00   2.39   0.02   87.740    2.427   93.610    0.00    0.00     0.23
  17    0.00   0.00   0.00   87.740    2.427   93.610    0.00    0.00     0.00
  18    0.00   0.01   0.00   87.741    2.433   93.611    0.00    0.00     0.01
  19    0.00   0.00   0.00   87.741    2.433   93.611    0.00    0.00     0.00
  20    0.15   0.00   0.00   87.893    2.433   93.611    0.00    0.00     0.00
  21    0.00   0.13   0.01   87.893    2.560   93.625    0.00    0.00     0.14
  22    0.00   0.00   0.06   87.893    2.561   93.685    0.00    0.00     0.58
  23    0.00   0.60   0.00   87.894    3.156   93.685    0.00    0.00     0.00
  24    0.00   0.00   0.03   87.894    3.156   93.711    0.00    0.00     0.25
  25    0.00   0.00   0.00   87.894    3.157   93.711    0.00    0.00     0.00
  26    0.00   0.03   0.00   87.894    3.188   93.712    0.00    0.00     0.01
  27    0.00  15.95   0.00   87.894   19.137   93.713    0.00    0.00     0.01
  28    0.00   0.00   0.01   87.895   19.137   93.724    0.00    0.00     0.11
  29    0.00  17.46   0.00   87.895   36.600   93.729    0.00    0.00     0.05
  30    0.00   0.01   0.00   87.896   36.607   93.729    0.00    0.00     0.00
  31    0.00   0.06   0.00   87.896   36.671   93.729    0.00    0.00     0.00
  32    0.00   0.01   0.02   87.896   36.678   93.746    0.00    0.00     0.16
  33    0.00   0.00   0.00   87.896   36.678   93.746    0.00    0.00     0.00
  34    0.00   0.00   0.06   87.896   36.678   93.801    0.00    0.00     0.53
  35    0.00   0.94   0.00   87.896   37.621   93.802    0.00    0.00     0.00
                                                       --------------------------
                                    TOTAL SRSS  SHEAR    0.00    0.00   854.29
                                    TOTAL 10PCT SHEAR    0.00    0.00   863.93
                                    TOTAL ABS   SHEAR    0.00    0.00   904.40
```

```
FOR LOADING -     1
APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X     FORCE-Y     FORCE-Z      MOM-X      MOM-Y       MOM-Z
```

STAAD SPACE   -- PAGE NO. 113

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	-1.23183E+00	0.00000E+00	5.83454E-01	0.00000E+00	-5.87636E-02
2	0.00000E+00	-9.38018E-01	0.00000E+00	5.07647E-01	0.00000E+00	-5.64052E-02
3	0.00000E+00	-8.01233E-01	0.00000E+00	2.01647E-01	0.00000E+00	0.00000E+00
4	0.00000E+00	-1.10212E+00	0.00000E+00	2.77454E-01	0.00000E+00	0.00000E+00
5	0.00000E+00	-8.01233E-01	0.00000E+00	2.01647E-01	0.00000E+00	0.00000E+00
6	0.00000E+00	-1.10212E+00	0.00000E+00	2.77454E-01	0.00000E+00	0.00000E+00
7	0.00000E+00	-8.01233E-01	0.00000E+00	2.01647E-01	0.00000E+00	0.00000E+00
8	0.00000E+00	-1.10212E+00	0.00000E+00	2.77454E-01	0.00000E+00	0.00000E+00
9	0.00000E+00	-8.01233E-01	0.00000E+00	2.01647E-01	0.00000E+00	0.00000E+00
10	0.00000E+00	-1.10212E+00	0.00000E+00	2.77454E-01	0.00000E+00	0.00000E+00
11	0.00000E+00	-9.38018E-01	0.00000E+00	5.07647E-01	0.00000E+00	5.64053E-02
12	0.00000E+00	-1.23183E+00	0.00000E+00	5.83454E-01	0.00000E+00	5.87637E-02
13	0.00000E+00	-1.73148E+00	0.00000E+00	4.39501E-08	0.00000E+00	-3.08282E-02
14	0.00000E+00	-1.08984E+00	0.00000E+00	-3.80735E-01	0.00000E+00	-2.24052E-02
15	0.00000E+00	-7.78715E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.14266E-02
17	0.00000E+00	-8.30719E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.06130E-02
18	0.00000E+00	-1.19377E+00	0.00000E+00	0.00000E+00	0.00000E+00	6.06456E-03
19	0.00000E+00	-8.30719E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.06130E-02
20	0.00000E+00	-1.19377E+00	0.00000E+00	0.00000E+00	0.00000E+00	-6.06457E-03
21	0.00000E+00	-7.78715E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.14267E-02
23	0.00000E+00	-1.08984E+00	0.00000E+00	-3.80735E-01	0.00000E+00	2.24052E-02
24	0.00000E+00	-1.43975E+00	0.00000E+00	-4.37590E-01	0.00000E+00	3.08283E-02
25	0.00000E+00	-1.91948E+00	0.00000E+00	1.88002E-01	0.00000E+00	-3.08282E-02
26	0.00000E+00	-1.08984E+00	0.00000E+00	3.80735E-01	0.00000E+00	-2.24052E-02
27	0.00000E+00	-9.95448E-01	0.00000E+00	9.55169E-02	0.00000E+00	-1.14266E-02
28	0.00000E+00	-1.61909E+00	0.00000E+00	1.88002E-01	0.00000E+00	0.00000E+00
29	0.00000E+00	-1.52261E+00	0.00000E+00	5.00517E-01	0.00000E+00	-3.40000E-02
30	0.00000E+00	-1.28566E+00	0.00000E+00	-2.25737E-01	0.00000E+00	1.34873E-02
31	0.00000E+00	-1.52261E+00	0.00000E+00	5.00517E-01	0.00000E+00	3.40000E-02
32	0.00000E+00	-1.28566E+00	0.00000E+00	-2.25737E-01	0.00000E+00	-1.34874E-02
33	0.00000E+00	-9.95448E-01	0.00000E+00	9.55169E-02	0.00000E+00	1.14267E-02
34	0.00000E+00	-1.59134E+00	0.00000E+00	1.88002E-01	0.00000E+00	1.57224E-02
35	0.00000E+00	-1.08984E+00	0.00000E+00	3.80735E-01	0.00000E+00	2.24052E-02
36	0.00000E+00	-1.62776E+00	0.00000E+00	6.25592E-01	0.00000E+00	3.08283E-02
37	0.00000E+00	-1.86230E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
38	0.00000E+00	-1.47102E+00	0.00000E+00	9.55168E-02	0.00000E+00	-3.30182E-02
39	0.00000E+00	-1.05359E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
40	0.00000E+00	-1.26974E+00	0.00000E+00	-7.43438E-02	0.00000E+00	0.00000E+00
41	0.00000E+00	-1.76454E+00	0.00000E+00	-1.31850E-07	0.00000E+00	3.30182E-02
42	0.00000E+00	-6.74514E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-1.76454E+00	0.00000E+00	-1.31850E-07	0.00000E+00	-3.30182E-02
44	0.00000E+00	-6.85410E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.39295E-02
45	0.00000E+00	-1.05359E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
46	0.00000E+00	-1.43355E+00	0.00000E+00	1.25021E-01	0.00000E+00	0.00000E+00
47	0.00000E+00	-1.47102E+00	0.00000E+00	9.55168E-02	0.00000E+00	3.30182E-02
48	0.00000E+00	-1.86230E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
49	0.00000E+00	-2.12366E+00	0.00000E+00	3.51601E-07	0.00000E+00	-3.62189E-02
50	0.00000E+00	-1.47102E+00	0.00000E+00	-9.55166E-02	0.00000E+00	-3.30182E-02
51	0.00000E+00	-1.17481E+00	0.00000E+00	1.53825E-07	0.00000E+00	0.00000E+00
52	0.00000E+00	-1.42318E+00	0.00000E+00	4.61355E-01	0.00000E+00	0.00000E+00
53	0.00000E+00	-1.76454E+00	0.00000E+00	3.07650E-07	0.00000E+00	3.30182E-02
54	0.00000E+00	-1.05589E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.58457E-02
55	0.00000E+00	-1.76454E+00	0.00000E+00	3.07650E-07	0.00000E+00	-3.30182E-02

STAAD SPACE   -- PAGE NO. 114

APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X   FORCE-Y   FORCE-Z   MOM-X   MOM-Y   MOM-Z
    56 0.00000E+00-1.05589E+00 0.00000E+00 0.00000E+00 0.00000E+00-1.58458E-02
    57 0.00000E+00-1.17481E+00 0.00000E+00 1.53825E-07 0.00000E+00 0.00000E+00
    58 0.00000E+00-1.96445E+00 0.00000E+00-1.25021E-01 0.00000E+00 0.00000E+00
    59 0.00000E+00-1.47102E+00 0.00000E+00-9.55166E-02 0.00000E+00 3.30182E-02
    60 0.00000E+00-2.12366E+00 0.00000E+00 3.51601E-07 0.00000E+00 3.62190E-02
    61 0.00000E+00-1.86230E+00 0.00000E+00-3.51601E-07 0.00000E+00 0.00000E+00
    62 0.00000E+00-1.37550E+00 0.00000E+00-2.63700E-07 0.00000E+00-3.30182E-02
    63 0.00000E+00-1.05359E+00 0.00000E+00-1.53825E-07 0.00000E+00 0.00000E+00
    64 0.00000E+00-1.30853E+00 0.00000E+00-2.63700E-07 0.00000E+00 0.00000E+00
    65 0.00000E+00-1.36570E+00 0.00000E+00-5.50502E-01 0.00000E+00 3.30182E-02
    66 0.00000E+00-7.52090E-01 0.00000E+00 6.46464E-02 0.00000E+00 0.00000E+00
    67 0.00000E+00-1.36570E+00 0.00000E+00-5.50502E-01 0.00000E+00-3.30182E-02
    68 0.00000E+00-7.62986E-01 0.00000E+00 6.46464E-02 0.00000E+00 1.39295E-02
    69 0.00000E+00-1.05359E+00 0.00000E+00-1.53825E-07 0.00000E+00 0.00000E+00
    70 0.00000E+00-1.30853E+00 0.00000E+00-2.63700E-07 0.00000E+00 0.00000E+00
    71 0.00000E+00-1.37550E+00 0.00000E+00-2.63700E-07 0.00000E+00 3.30182E-02
    72 0.00000E+00-1.86230E+00 0.00000E+00-3.51601E-07 0.00000E+00 0.00000E+00
    73 0.00000E+00-2.12366E+00 0.00000E+00 0.00000E+00 0.00000E+00-3.62189E-02
    74 0.00000E+00-1.34366E+00 0.00000E+00 0.00000E+00 0.00000E+00-2.24052E-02
    75 0.00000E+00-1.11113E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    76 0.00000E+00-1.96445E+00 0.00000E+00 1.25021E-01 0.00000E+00 0.00000E+00
    77 0.00000E+00-9.14789E-01 0.00000E+00 2.46752E-01 0.00000E+00 0.00000E+00
    78 0.00000E+00-1.31091E+00 0.00000E+00-5.07554E-02 0.00000E+00 1.58457E-02
    79 0.00000E+00-9.14789E-01 0.00000E+00 2.46752E-01 0.00000E+00 0.00000E+00
    80 0.00000E+00-1.31091E+00 0.00000E+00-5.07554E-02 0.00000E+00-1.58458E-02
    81 0.00000E+00-1.11113E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    82 0.00000E+00-1.96445E+00 0.00000E+00 1.25021E-01 0.00000E+00 0.00000E+00
    83 0.00000E+00-1.34366E+00 0.00000E+00 0.00000E+00 0.00000E+00 2.24052E-02
    84 0.00000E+00-2.12366E+00 0.00000E+00 0.00000E+00 0.00000E+00 3.62190E-02
    85 0.00000E+00-1.86230E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    86 0.00000E+00-1.34366E+00 0.00000E+00 0.00000E+00 0.00000E+00-2.24052E-02
    87 0.00000E+00-9.89914E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    88 0.00000E+00-1.43355E+00 0.00000E+00-1.25021E-01 0.00000E+00 0.00000E+00
    89 0.00000E+00-1.09191E+00 0.00000E+00 0.00000E+00 0.00000E+00-3.40000E-02
    90 0.00000E+00-9.84818E-01 0.00000E+00 4.13738E-01 0.00000E+00 0.00000E+00
    91 0.00000E+00-1.09191E+00 0.00000E+00 0.00000E+00 0.00000E+00 3.40000E-02
    92 0.00000E+00-9.95713E-01 0.00000E+00 4.13738E-01 0.00000E+00 1.39295E-02
    93 0.00000E+00-9.89914E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    94 0.00000E+00-1.43355E+00 0.00000E+00-1.25021E-01 0.00000E+00 0.00000E+00
    95 0.00000E+00-1.34366E+00 0.00000E+00 0.00000E+00 0.00000E+00 2.24052E-02
    96 0.00000E+00-1.86230E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    97 0.00000E+00-1.95132E+00 0.00000E+00-1.88001E-01 0.00000E+00-4.14412E-02
    98 0.00000E+00-1.37550E+00 0.00000E+00 5.27401E-07 0.00000E+00-3.30182E-02
    99 0.00000E+00-1.07929E+00 0.00000E+00-9.55167E-02 0.00000E+00 0.00000E+00
   100 0.00000E+00-1.66710E+00 0.00000E+00-1.88001E-01 0.00000E+00 5.22227E-03
   101 0.00000E+00-1.07929E+00 0.00000E+00-9.55167E-02 0.00000E+00 0.00000E+00
   102 0.00000E+00-1.66710E+00 0.00000E+00-1.88001E-01 0.00000E+00 5.22227E-03
   103 0.00000E+00-1.07929E+00 0.00000E+00-9.55167E-02 0.00000E+00 0.00000E+00
   104 0.00000E+00-1.63602E+00 0.00000E+00-1.88001E-01 0.00000E+00 1.29083E-02
   105 0.00000E+00-9.78467E-01 0.00000E+00-2.46752E-01 0.00000E+00 0.00000E+00
   106 0.00000E+00-1.49729E+00 0.00000E+00-3.96092E-01 0.00000E+00-1.29083E-02
   107 0.00000E+00-1.37550E+00 0.00000E+00 5.27401E-07 0.00000E+00 3.30182E-02
   108 0.00000E+00-1.93565E+00 0.00000E+00-1.88001E-01 0.00000E+00 3.62190E-02

STAAD SPACE   -- PAGE NO. 115

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X     FORCE-Y     FORCE-Z      MOM-X       MOM-Y       MOM-Z
   109 0.00000E+00-1.23183E+00 0.00000E+00-5.83454E-01 0.00000E+00-5.87636E-02
   110 0.00000E+00-9.38018E-01 0.00000E+00-5.07647E-01 0.00000E+00-5.64052E-02
   111 0.00000E+00-8.01233E-01 0.00000E+00-2.01647E-01 0.00000E+00 0.00000E+00
   112 0.00000E+00-1.10212E+00 0.00000E+00-2.77454E-01 0.00000E+00 0.00000E+00
   113 0.00000E+00-8.01233E-01 0.00000E+00-2.01647E-01 0.00000E+00 0.00000E+00
   114 0.00000E+00-1.10212E+00 0.00000E+00-2.77454E-01 0.00000E+00 0.00000E+00
   115 0.00000E+00-8.01233E-01 0.00000E+00-2.01647E-01 0.00000E+00 0.00000E+00
   116 0.00000E+00-1.05805E+00 0.00000E+00-2.77454E-01 0.00000E+00 2.57091E-02
   117 0.00000E+00-5.69832E-01 0.00000E+00-5.04118E-02 0.00000E+00 0.00000E+00
   118 0.00000E+00-8.15498E-01 0.00000E+00-6.93636E-02 0.00000E+00 7.34545E-02
   119 0.00000E+00-9.38018E-01 0.00000E+00-5.07647E-01 0.00000E+00 5.64053E-02
   120 0.00000E+00-1.23183E+00 0.00000E+00-5.83454E-01 0.00000E+00 5.87637E-02
   121 0.00000E+00-4.38692E-01 0.00000E+00-1.01250E-01 0.00000E+00 0.00000E+00
   122 0.00000E+00-4.38692E-01 0.00000E+00-1.01250E-01 0.00000E+00 0.00000E+00
   123 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00 0.00000E+00
   124 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00 0.00000E+00
   125 0.00000E+00-2.68610E-01 0.00000E+00-1.34178E-01 0.00000E+00 0.00000E+00
   126 0.00000E+00-2.21559E-01 0.00000E+00-1.34178E-01 0.00000E+00 2.03887E-02
   127 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00-2.19750E-08
   128 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00 4.94438E-08
   129 0.00000E+00-4.02788E-01 0.00000E+00 0.00000E+00 0.00000E+00-8.24064E-09
   130 0.00000E+00-4.02788E-01 0.00000E+00 0.00000E+00 0.00000E+00 1.64813E-08
   131 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00-4.94438E-08
   132 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00 0.00000E+00
   133 0.00000E+00-4.66466E-01 0.00000E+00 0.00000E+00 0.00000E+00-2.47219E-08
   134 0.00000E+00-4.66466E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   135 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00 8.79001E-08
   136 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00-8.79001E-08
   137 0.00000E+00-4.02788E-01 0.00000E+00 0.00000E+00 0.00000E+00 3.43360E-08
   138 0.00000E+00-4.02788E-01 0.00000E+00 0.00000E+00 0.00000E+00-3.43360E-08
   139 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00 8.79001E-08
   140 0.00000E+00-4.72610E-01 0.00000E+00 1.34178E-01 0.00000E+00-1.70307E-07
   141 0.00000E+00-2.21559E-01 0.00000E+00-1.34178E-01 0.00000E+00-2.03887E-02
   142 0.00000E+00-2.68610E-01 0.00000E+00-1.34178E-01 0.00000E+00-6.86720E-08
   143 0.00000E+00-3.35699E-01 0.00000E+00 1.00634E-01 0.00000E+00 0.00000E+00
   144 0.00000E+00-2.21559E-01 0.00000E+00 1.34178E-01 0.00000E+00 2.03887E-02
   145 0.00000E+00-4.02788E-01 0.00000E+00 2.19750E-08 0.00000E+00-8.24064E-09
   146 0.00000E+00-4.02788E-01 0.00000E+00 2.19750E-08 0.00000E+00 1.64813E-08
   147 0.00000E+00-4.02788E-01 0.00000E+00 2.19750E-08 0.00000E+00 3.43360E-08
   148 0.00000E+00-4.02788E-01 0.00000E+00 2.19750E-08 0.00000E+00-3.43360E-08
   149 0.00000E+00-2.21559E-01 0.00000E+00 1.34178E-01 0.00000E+00-2.03887E-02
   150 0.00000E+00-3.35699E-01 0.00000E+00 1.00634E-01 0.00000E+00-6.86720E-08
   151 0.00000E+00-4.66466E-01 0.00000E+00-4.39501E-08 0.00000E+00 0.00000E+00
   152 0.00000E+00-4.83902E-01 0.00000E+00 1.74356E-02 0.00000E+00 0.00000E+00
   153 0.00000E+00-4.83902E-01 0.00000E+00 1.74356E-02 0.00000E+00-1.37344E-08
   154 0.00000E+00-4.83902E-01 0.00000E+00 1.74356E-02 0.00000E+00 2.47219E-08
   155 0.00000E+00-4.83902E-01 0.00000E+00 1.74356E-02 0.00000E+00 5.21907E-08
   156 0.00000E+00-4.83902E-01 0.00000E+00 1.74356E-02 0.00000E+00-5.21907E-08
   157 0.00000E+00-4.83902E-01 0.00000E+00 1.74356E-02 0.00000E+00 5.21907E-08
   158 0.00000E+00-4.66466E-01 0.00000E+00-4.39501E-08 0.00000E+00-1.01635E-07
   159 0.00000E+00-4.66466E-01 0.00000E+00 7.69126E-08 0.00000E+00 0.00000E+00
   160 0.00000E+00-5.01337E-01 0.00000E+00 7.69126E-08 0.00000E+00 0.00000E+00
   161 0.00000E+00-5.01337E-01 0.00000E+00 7.69126E-08 0.00000E+00-1.37344E-08
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
162	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	2.47219E-08
163	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	5.21907E-08
164	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	-5.21907E-08
165	0.00000E+00	-5.01337E-01	0.00000E+00	7.69126E-08	0.00000E+00	5.21907E-08
166	0.00000E+00	-4.66466E-01	0.00000E+00	7.69126E-08	0.00000E+00	-1.01635E-07
167	0.00000E+00	-4.66466E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
168	0.00000E+00	-5.01337E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
169	0.00000E+00	-5.01337E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-1.37344E-08
170	0.00000E+00	-5.01337E-01	0.00000E+00	-7.69126E-08	0.00000E+00	2.47219E-08
171	0.00000E+00	-5.01337E-01	0.00000E+00	-7.69126E-08	0.00000E+00	5.21907E-08
172	0.00000E+00	-5.01337E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-5.21907E-08
173	0.00000E+00	-5.01337E-01	0.00000E+00	-7.69126E-08	0.00000E+00	5.21907E-08
174	0.00000E+00	-4.66466E-01	0.00000E+00	-7.69126E-08	0.00000E+00	-1.01635E-07
175	0.00000E+00	-4.02788E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	0.00000E+00	-4.37659E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	-4.37659E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.24064E-09
178	0.00000E+00	-4.37659E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.64813E-08
179	0.00000E+00	-4.37659E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.43360E-08
180	0.00000E+00	-4.37659E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.43360E-08
181	0.00000E+00	-4.37659E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.43360E-08
182	0.00000E+00	-4.02788E-01	0.00000E+00	0.00000E+00	0.00000E+00	-6.86720E-08
183	0.00000E+00	-4.02788E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
184	0.00000E+00	-4.20224E-01	0.00000E+00	-1.74356E-02	0.00000E+00	0.00000E+00
185	0.00000E+00	-4.20224E-01	0.00000E+00	-1.74356E-02	0.00000E+00	-8.24064E-09
186	0.00000E+00	-4.20224E-01	0.00000E+00	-1.74356E-02	0.00000E+00	1.64813E-08
187	0.00000E+00	-4.20224E-01	0.00000E+00	-1.74356E-02	0.00000E+00	3.43360E-08
188	0.00000E+00	-4.20224E-01	0.00000E+00	-1.74356E-02	0.00000E+00	-3.43360E-08
189	0.00000E+00	-4.20224E-01	0.00000E+00	-1.74356E-02	0.00000E+00	3.43360E-08
190	0.00000E+00	-4.02788E-01	0.00000E+00	0.00000E+00	0.00000E+00	-6.86720E-08
191	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	0.00000E+00
193	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	-1.37344E-08
194	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	2.47219E-08
195	0.00000E+00	-4.72610E-01	0.00000E+00	1.34178E-01	0.00000E+00	-4.94438E-08
196	0.00000E+00	-4.72610E-01	0.00000E+00	1.34178E-01	0.00000E+00	0.00000E+00
197	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	-2.47219E-08
198	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	0.00000E+00
199	0.00000E+00	-3.99377E-01	0.00000E+00	-1.00634E-01	0.00000E+00	5.21907E-08
200	0.00000E+00	-3.99377E-01	0.00000E+00	-1.00634E-01	0.00000E+00	-5.21907E-08
201	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	5.21907E-08
202	0.00000E+00	-4.66466E-01	0.00000E+00	1.42838E-07	0.00000E+00	-1.01635E-07
203	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	0.00000E+00
204	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	0.00000E+00
205	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	-2.19750E-08
206	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	4.94438E-08
207	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	-4.94438E-08
208	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	0.00000E+00
209	0.00000E+00	-3.20913E-01	0.00000E+00	-3.35447E-02	0.00000E+00	4.23039E-02
210	0.00000E+00	-3.20913E-01	0.00000E+00	-3.35447E-02	0.00000E+00	-4.23039E-02
211	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	8.79001E-08
212	0.00000E+00	-4.72610E-01	0.00000E+00	-1.34179E-01	0.00000E+00	-1.70307E-07
213	0.00000E+00	-1.21197E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	-1.18422E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.57224E-02

```
  STAAD SPACE                                          -- PAGE NO.   117


APPLIED JOINT EQUIVALENT LOADS
 JOINT    FORCE-X     FORCE-Y     FORCE-Z      MOM-X       MOM-Y       MOM-Z
   215 0.00000E+00-4.72610E-01 0.00000E+00-1.34178E-01 0.00000E+00-4.94438E-08
   216 0.00000E+00-4.72610E-01 0.00000E+00-1.34178E-01 0.00000E+00 0.00000E+00
   217 0.00000E+00-2.01520E-01 0.00000E+00-3.35446E-02 0.00000E+00-1.64813E-08
   218 0.00000E+00-2.01520E-01 0.00000E+00-3.35446E-02 0.00000E+00 0.00000E+00
   219 0.00000E+00-1.66723E-01 0.00000E+00 3.35446E-02 0.00000E+00 5.45365E-03
   220 0.00000E+00-1.66723E-01 0.00000E+00 3.35446E-02 0.00000E+00-5.45367E-03
   281 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00 0.00000E+00
   282 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00 0.00000E+00
   283 0.00000E+00-5.06391E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   284 0.00000E+00-5.06391E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   285 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00-2.19750E-08
   286 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00 4.94438E-08
   287 0.00000E+00-5.06391E-01 0.00000E+00 0.00000E+00 0.00000E+00-1.09875E-08
   288 0.00000E+00-5.06391E-01 0.00000E+00 0.00000E+00 0.00000E+00 2.19750E-08
   289 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00-4.94438E-08
   290 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00 0.00000E+00
   291 0.00000E+00-4.70004E-01 0.00000E+00 0.00000E+00 0.00000E+00-1.64813E-08
   292 0.00000E+00-4.70004E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   293 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00 9.33939E-08
   294 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00-9.33939E-08
   295 0.00000E+00-5.06391E-01 0.00000E+00 0.00000E+00 0.00000E+00 4.94438E-08
   296 0.00000E+00-5.06391E-01 0.00000E+00 0.00000E+00 0.00000E+00-4.94438E-08
   297 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00 9.33939E-08
   298 0.00000E+00-5.13293E-01 0.00000E+00 1.60711E-01 0.00000E+00-1.81294E-07
   299 0.00000E+00-2.80941E-01 0.00000E+00-1.60711E-01 0.00000E+00-2.80536E-02
   300 0.00000E+00-3.45680E-01 0.00000E+00-1.60711E-01 0.00000E+00-9.61408E-08
   301 0.00000E+00-5.06391E-01 0.00000E+00 3.29626E-08 0.00000E+00 0.00000E+00
   302 0.00000E+00-5.06391E-01 0.00000E+00 3.29626E-08 0.00000E+00 0.00000E+00
   303 0.00000E+00-5.06391E-01 0.00000E+00 3.29626E-08 0.00000E+00-1.09875E-08
   304 0.00000E+00-5.06391E-01 0.00000E+00 3.29626E-08 0.00000E+00 2.19750E-08
   305 0.00000E+00-5.06391E-01 0.00000E+00 3.29626E-08 0.00000E+00 4.94438E-08
   306 0.00000E+00-5.06391E-01 0.00000E+00 3.29626E-08 0.00000E+00-4.94438E-08
   307 0.00000E+00-2.80941E-01 0.00000E+00 1.60711E-01 0.00000E+00-2.80536E-02
   308 0.00000E+00-4.26036E-01 0.00000E+00 1.20533E-01 0.00000E+00-9.61408E-08
   309 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00 7.35185E-03
   310 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00-7.35185E-03
   311 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00 7.35185E-03
   312 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00-7.35184E-03
   313 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00 7.35190E-03
   314 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00-7.35190E-03
   315 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00 7.35190E-03
   316 0.00000E+00-5.26997E-01 0.00000E+00 4.09357E-02 0.00000E+00-7.35195E-03
   317 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00 0.00000E+00
   318 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00 0.00000E+00
   319 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00-1.37344E-08
   320 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00 2.47219E-08
   321 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00 5.49376E-08
   322 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00-5.49376E-08
   323 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00 5.49376E-08
   324 0.00000E+00-6.20607E-01 0.00000E+00 1.09875E-07 0.00000E+00-1.09875E-07
   325 0.00000E+00-5.67933E-01 0.00000E+00-1.09875E-07 0.00000E+00 7.35185E-03
   326 0.00000E+00-5.67933E-01 0.00000E+00-1.09875E-07 0.00000E+00-7.35185E-03
   327 0.00000E+00-5.67933E-01 0.00000E+00-1.09875E-07 0.00000E+00 7.35185E-03
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
328	0.00000E+00	-5.67933E-01	0.00000E+00	-1.09875E-07	0.00000E+00	-7.35184E-03
329	0.00000E+00	-5.67933E-01	0.00000E+00	-1.09875E-07	0.00000E+00	7.35190E-03
330	0.00000E+00	-5.67933E-01	0.00000E+00	-1.09875E-07	0.00000E+00	-7.35190E-03
331	0.00000E+00	-5.67933E-01	0.00000E+00	-1.09875E-07	0.00000E+00	7.35190E-03
332	0.00000E+00	-5.67933E-01	0.00000E+00	-1.09875E-07	0.00000E+00	-7.35195E-03
333	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.37344E-08
336	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.47219E-08
337	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	5.49376E-08
338	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	-5.49376E-08
339	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	5.49376E-08
340	0.00000E+00	-6.20607E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.09875E-07
341	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	7.35185E-03
342	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	-7.35185E-03
343	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	7.35185E-03
344	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	-7.35184E-03
345	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	7.35190E-03
346	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	-7.35190E-03
347	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	7.35190E-03
348	0.00000E+00	-5.26997E-01	0.00000E+00	-4.09358E-02	0.00000E+00	-7.35195E-03
349	0.00000E+00	-5.54402E-01	0.00000E+00	1.64813E-07	0.00000E+00	5.22227E-03
350	0.00000E+00	-5.54402E-01	0.00000E+00	1.64813E-07	0.00000E+00	-5.22227E-03
351	0.00000E+00	-5.38735E-01	0.00000E+00	1.64813E-07	0.00000E+00	-1.37344E-08
352	0.00000E+00	-5.54402E-01	0.00000E+00	1.64813E-07	0.00000E+00	-5.22225E-03
353	0.00000E+00	-2.16429E-01	0.00000E+00	1.60711E-01	0.00000E+00	-4.64320E-03
354	0.00000E+00	-2.16429E-01	0.00000E+00	1.60711E-01	0.00000E+00	4.64317E-03
355	0.00000E+00	-5.38735E-01	0.00000E+00	1.64813E-07	0.00000E+00	-2.47219E-08
356	0.00000E+00	-5.38736E-01	0.00000E+00	1.64813E-07	0.00000E+00	0.00000E+00
357	0.00000E+00	-2.46120E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-6.46464E-03
358	0.00000E+00	-2.46120E-01	0.00000E+00	-1.60711E-01	0.00000E+00	6.46464E-03
359	0.00000E+00	-5.38735E-01	0.00000E+00	1.64813E-07	0.00000E+00	5.49376E-08
360	0.00000E+00	-5.38736E-01	0.00000E+00	1.64813E-07	0.00000E+00	-1.09875E-07
361	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
362	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
363	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-2.19750E-08
364	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	4.94438E-08
365	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-4.94438E-08
366	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
369	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	9.33939E-08
370	0.00000E+00	-5.13293E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-1.81294E-07
373	0.00000E+00	-2.30074E-01	0.00000E+00	-1.60711E-01	0.00000E+00	-5.78031E-03
374	0.00000E+00	-2.30074E-01	0.00000E+00	-1.60711E-01	0.00000E+00	5.78027E-03
375	0.00000E+00	-1.61848E-01	0.00000E+00	-4.01777E-02	0.00000E+00	-6.79107E-03
376	0.00000E+00	-1.61848E-01	0.00000E+00	-4.01777E-02	0.00000E+00	6.79103E-03
439	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
441	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
442	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
443	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
445	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0.00000E+00	-2.10933E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STAAD SPACE   -- PAGE NO. 119

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X      FORCE-Y      FORCE-Z       MOM-X       MOM-Y        MOM-Z
   447 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   448 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   449 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   450 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   451 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   452 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   453 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   454 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   455 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   456 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   457 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   458 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   459 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   460 0.00000E+00-1.05467E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   461 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   462 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   463 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   464 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   465 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   466 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   467 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   468 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   469 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   470 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   471 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   472 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   473 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   474 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   475 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   476 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   477 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   478 0.00000E+00-3.08838E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   479 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   480 0.00000E+00-2.10933E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   481 0.00000E+00-1.34305E-01 0.00000E+00 3.35446E-02 0.00000E+00-8.96208E-03
   482 0.00000E+00-1.34305E-01 0.00000E+00-3.35446E-02 0.00000E+00-8.96208E-03
   483 0.00000E+00-1.78585E-01 0.00000E+00-1.09875E-08 0.00000E+00 0.00000E+00
   484 0.00000E+00-5.42192E-01 0.00000E+00-2.19750E-08 0.00000E+00 0.00000E+00
   485 0.00000E+00-1.34305E-01 0.00000E+00 3.35446E-02 0.00000E+00 8.96207E-03
   486 0.00000E+00-1.34305E-01 0.00000E+00-3.35446E-02 0.00000E+00 8.96207E-03
   487 0.00000E+00-5.42192E-01 0.00000E+00-2.19750E-08 0.00000E+00 0.00000E+00
   488 0.00000E+00-1.78585E-01 0.00000E+00-1.09875E-08 0.00000E+00 0.00000E+00
   489 0.00000E+00-1.93878E-01 0.00000E+00 3.35446E-02 0.00000E+00-1.53547E-02
   490 0.00000E+00-1.93878E-01 0.00000E+00 3.35446E-02 0.00000E+00 1.53546E-02
   491 0.00000E+00-1.72840E-01 0.00000E+00 4.01777E-02 0.00000E+00 1.23313E-02
   492 0.00000E+00-1.72840E-01 0.00000E+00-4.01777E-02 0.00000E+00 1.23313E-02
   493 0.00000E+00-6.25068E-01 0.00000E+00-2.19750E-08 0.00000E+00 0.00000E+00
   494 0.00000E+00-2.14098E-01 0.00000E+00-1.37344E-08 0.00000E+00 0.00000E+00
   495 0.00000E+00-2.31778E-01 0.00000E+00 4.01777E-02 0.00000E+00 1.83501E-02
   498 0.00000E+00-1.03224E-01 0.00000E+00 1.73514E-02 0.00000E+00-4.26416E-03
   499 0.00000E+00-1.03224E-01 0.00000E+00-1.73514E-02 0.00000E+00-4.26416E-03
   500 0.00000E+00-1.03224E-01 0.00000E+00 1.73514E-02 0.00000E+00 4.26414E-03
   501 0.00000E+00-1.03224E-01 0.00000E+00-1.73514E-02 0.00000E+00 4.26414E-03
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
502	0.00000E+00	-1.03224E-01	0.00000E+00	1.73514E-02	0.00000E+00	-4.26416E-03
503	0.00000E+00	-1.03224E-01	0.00000E+00	-1.73514E-02	0.00000E+00	-4.26416E-03
504	0.00000E+00	-1.03224E-01	0.00000E+00	1.73514E-02	0.00000E+00	4.26414E-03
505	0.00000E+00	-1.03224E-01	0.00000E+00	-1.73514E-02	0.00000E+00	4.26414E-03
506	0.00000E+00	-1.03224E-01	0.00000E+00	1.73514E-02	0.00000E+00	-4.26416E-03
507	0.00000E+00	-1.03224E-01	0.00000E+00	-1.73514E-02	0.00000E+00	-4.26416E-03
508	0.00000E+00	-1.03224E-01	0.00000E+00	1.73514E-02	0.00000E+00	4.26414E-03
509	0.00000E+00	-1.03224E-01	0.00000E+00	-1.73514E-02	0.00000E+00	4.26414E-03
510	0.00000E+00	-1.03224E-01	0.00000E+00	1.73514E-02	0.00000E+00	-4.26416E-03
511	0.00000E+00	-1.03224E-01	0.00000E+00	-1.73514E-02	0.00000E+00	-4.26416E-03
512	0.00000E+00	-1.03224E-01	0.00000E+00	1.73514E-02	0.00000E+00	4.26414E-03
513	0.00000E+00	-1.03224E-01	0.00000E+00	-1.73514E-02	0.00000E+00	4.26414E-03
514	0.00000E+00	-3.51193E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
515	0.00000E+00	-3.51193E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
516	0.00000E+00	-3.61473E-01	0.00000E+00	3.29626E-08	0.00000E+00	1.27924E-02
517	0.00000E+00	-3.61473E-01	0.00000E+00	0.00000E+00	0.00000E+00	1.27924E-02
518	0.00000E+00	-3.51193E-01	0.00000E+00	-7.69126E-08	0.00000E+00	0.00000E+00
519	0.00000E+00	-3.92867E-01	0.00000E+00	1.38913E-02	0.00000E+00	0.00000E+00
520	0.00000E+00	-3.61473E-01	0.00000E+00	-7.69126E-08	0.00000E+00	1.27924E-02
521	0.00000E+00	-4.03147E-01	0.00000E+00	1.38913E-02	0.00000E+00	1.27924E-02
522	0.00000E+00	-3.92867E-01	0.00000E+00	-1.38913E-02	0.00000E+00	0.00000E+00
523	0.00000E+00	-3.51193E-01	0.00000E+00	1.59319E-07	0.00000E+00	0.00000E+00
524	0.00000E+00	-4.03147E-01	0.00000E+00	-1.38913E-02	0.00000E+00	1.27924E-02
525	0.00000E+00	-3.61473E-01	0.00000E+00	1.59319E-07	0.00000E+00	1.27924E-02
526	0.00000E+00	-3.92867E-01	0.00000E+00	-1.38911E-02	0.00000E+00	0.00000E+00
527	0.00000E+00	-3.51193E-01	0.00000E+00	-1.59319E-07	0.00000E+00	0.00000E+00
528	0.00000E+00	-4.03147E-01	0.00000E+00	-1.38911E-02	0.00000E+00	1.27924E-02
529	0.00000E+00	-3.61473E-01	0.00000E+00	-1.59319E-07	0.00000E+00	1.27924E-02
530	0.00000E+00	-1.43023E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.54141E-02
531	0.00000E+00	-1.29044E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.39988E-02
534	0.00000E+00	-1.29044E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.39988E-02
535	0.00000E+00	-2.23408E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.41411E-03
538	0.00000E+00	-1.29044E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.39988E-02
540	0.00000E+00	-1.29044E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.39988E-02
542	0.00000E+00	-2.64061E-01	0.00000E+00	0.00000E+00	0.00000E+00	2.19750E-08
544	0.00000E+00	-1.29044E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.39988E-02
546	0.00000E+00	-1.29045E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.39988E-02
548	0.00000E+00	-2.48677E-01	0.00000E+00	2.10575E-02	0.00000E+00	2.41411E-03
550	0.00000E+00	-1.59195E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.81095E-02
552	0.00000E+00	-1.29044E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.39988E-02
554	0.00000E+00	-1.29044E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.39988E-02
556	0.00000E+00	-1.35725E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.47959E-02
558	0.00000E+00	-5.06345E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
559	0.00000E+00	-5.06345E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0.00000E+00	-1.31525E-01	0.00000E+00	4.01777E-02	0.00000E+00	-4.26416E-03
561	0.00000E+00	-1.31525E-01	0.00000E+00	4.01777E-02	0.00000E+00	4.26414E-03
562	0.00000E+00	-4.75874E-01	0.00000E+00	-3.87011E-01	0.00000E+00	0.00000E+00
563	0.00000E+00	-1.43023E-01	0.00000E+00	1.68460E-02	0.00000E+00	-1.54141E-02
564	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-1.13711E-02
565	0.00000E+00	-1.43023E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.40352E-08
566	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.75114E-08
567	0.00000E+00	-2.12512E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
568	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.75114E-08

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
569	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.75114E-08
570	0.00000E+00	-2.12512E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
571	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	-1.13711E-02
572	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-1.13711E-02
573	0.00000E+00	-2.64061E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
574	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	-1.13711E-02
575	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-1.13711E-02
576	0.00000E+00	-2.64061E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
577	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.75114E-08
578	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.75114E-08
579	0.00000E+00	-2.37781E-01	0.00000E+00	2.10575E-02	0.00000E+00	0.00000E+00
580	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	-1.13711E-02
581	0.00000E+00	-1.54314E-01	0.00000E+00	-3.79035E-02	0.00000E+00	-1.39988E-02
582	0.00000E+00	-2.37781E-01	0.00000E+00	2.10575E-02	0.00000E+00	0.00000E+00
583	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.75114E-08
584	0.00000E+00	-1.44033E-01	0.00000E+00	-3.79035E-02	0.00000E+00	1.75114E-08
585	0.00000E+00	-1.54313E-01	0.00000E+00	-3.79035E-02	0.00000E+00	1.39988E-02
586	0.00000E+00	-1.24829E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.92282E-08
587	0.00000E+00	-1.59195E-01	0.00000E+00	1.68460E-02	0.00000E+00	2.74688E-08
588	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	1.75114E-08
589	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	1.75114E-08
590	0.00000E+00	-1.24829E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-1.23818E-02
591	0.00000E+00	-1.59195E-01	0.00000E+00	1.68460E-02	0.00000E+00	-1.81095E-02
592	0.00000E+00	-1.18764E-01	0.00000E+00	-1.68460E-02	0.00000E+00	-1.13711E-02
593	0.00000E+00	-1.18764E-01	0.00000E+00	1.68460E-02	0.00000E+00	-1.13711E-02
594	0.00000E+00	-2.85035E-01	0.00000E+00	1.60711E-01	0.00000E+00	2.07206E-02
595	0.00000E+00	-4.25147E-01	0.00000E+00	-1.60711E-01	0.00000E+00	0.00000E+00
596	0.00000E+00	-1.89012E-01	0.00000E+00	4.01777E-02	0.00000E+00	0.00000E+00
597	0.00000E+00	-6.23090E-01	0.00000E+00	-4.01778E-02	0.00000E+00	-9.91636E-02
598	0.00000E+00	-3.09891E-01	0.00000E+00	7.96595E-08	0.00000E+00	0.00000E+00
599	0.00000E+00	-4.26634E-01	0.00000E+00	1.42838E-07	0.00000E+00	0.00000E+00
600	0.00000E+00	-2.04679E-01	0.00000E+00	4.01777E-02	0.00000E+00	-2.07206E-02
601	0.00000E+00	-1.77264E-01	0.00000E+00	-4.01777E-02	0.00000E+00	0.00000E+00
602	0.00000E+00	-6.52699E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
603	0.00000E+00	-6.52699E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
604	0.00000E+00	-6.52699E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
605	0.00000E+00	-3.17115E-01	0.00000E+00	-3.35447E-02	0.00000E+00	0.00000E+00
606	0.00000E+00	-2.69196E-01	0.00000E+00	9.88877E-08	0.00000E+00	0.00000E+00
607	0.00000E+00	-1.52528E-01	0.00000E+00	6.86720E-08	0.00000E+00	0.00000E+00
608	0.00000E+00	-1.52528E-01	0.00000E+00	6.86720E-08	0.00000E+00	0.00000E+00
609	0.00000E+00	-1.87391E-01	0.00000E+00	3.35447E-02	0.00000E+00	0.00000E+00
610	0.00000E+00	-2.95799E-01	0.00000E+00	-3.35447E-02	0.00000E+00	0.00000E+00
611	0.00000E+00	-1.61161E-01	0.00000E+00	3.35447E-02	0.00000E+00	0.00000E+00
612	0.00000E+00	-3.95334E-01	0.00000E+00	-3.35447E-02	0.00000E+00	0.00000E+00
613	0.00000E+00	-1.61161E-01	0.00000E+00	3.35447E-02	0.00000E+00	0.00000E+00
614	0.00000E+00	-1.61161E-01	0.00000E+00	3.35447E-02	0.00000E+00	0.00000E+00
615	0.00000E+00	-2.64718E-01	0.00000E+00	-3.35447E-02	0.00000E+00	0.00000E+00
616	0.00000E+00	-3.45112E-01	0.00000E+00	-3.35447E-02	0.00000E+00	0.00000E+00
617	0.00000E+00	-1.61161E-01	0.00000E+00	3.35447E-02	0.00000E+00	0.00000E+00
618	0.00000E+00	-1.32359E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
619	0.00000E+00	-1.32359E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
620	0.00000E+00	-1.47900E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
621	0.00000E+00	-1.47900E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STAAD SPACE   -- PAGE NO. 122

        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 = 0.150932259E+02
                     Y = 0.462320951E+01
                     Z = 0.275331101E+02

 ***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING   1)
     SUMMATION FORCE-X =   0.00
     SUMMATION FORCE-Y =   -278.90
     SUMMATION FORCE-Z =   0.00

    SUMMATION OF MOMENTS AROUND THE ORIGIN-
    MX=   7679.02 MY=   0.00 MZ=   -4209.52

 ***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING   1)
     SUMMATION FORCE-X =   0.00
     SUMMATION FORCE-Y =   278.90
     SUMMATION FORCE-Z =   0.00

    SUMMATION OF MOMENTS AROUND THE ORIGIN-
    MX=   -7679.02 MY=   0.00 MZ=   4209.52

 MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING   1)
            MAXIMUMS   AT NODE
     X = 4.06533E-03   92
     Y = -1.60367E-01   568
     Z = 8.13468E-03   484
     RX= -5.02489E-04   505
     RY= 1.07133E-05   209
     RZ= 2.17891E-04   525

 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   -1.23   0.00   0.58   0.00   -0.06
         -0.14   1.23   -0.07   -0.58   -0.00   0.06 000000

   2   0.00   -0.94   0.00   0.51   0.00   -0.06
          0.23   0.94   0.12   -0.51   0.00   0.06 000000

  11   0.00   -0.94   0.00   0.51   0.00   0.06
         -0.23   0.94   0.12   -0.51   0.00   -0.06 000000

  12   0.00   -1.23   0.00   0.58   0.00   0.06
          0.13   1.23   -0.07   -0.58   0.00   -0.06 000000

  14   0.00   -1.09   0.00   -0.38   0.00   -0.02
          0.16   1.09   -0.06   0.38   0.00   0.02 000000

STAAD SPACE   -- PAGE NO. 123

```
23      0.00     -1.09      0.00     -0.38      0.00       0.02
       -0.14      1.09     -0.06      0.38      0.00      -0.02  000000

26      0.00     -1.09      0.00      0.38      0.00      -0.02
        0.19      1.09      0.48     -0.38      0.00       0.02  000000

27      0.00     -1.00      0.00      0.10      0.00      -0.01
       -0.02      1.00      0.58     -0.10      0.00       0.01  000000

29      0.00     -1.52      0.00      0.50      0.00      -0.03
       -0.04      1.52      0.82     -0.50      0.00       0.03  000000

30      0.00     -1.29      0.00     -0.23      0.00       0.01
       -0.01      1.29     -0.14      0.23      0.01      -0.01  000000

31      0.00     -1.52      0.00      0.50      0.00       0.03
        0.05      1.52      0.83     -0.50      0.00      -0.03  000000

32      0.00     -1.29      0.00     -0.23      0.00      -0.01
        0.02      1.29     -0.14      0.23      0.01       0.01  000000

33      0.00     -1.00      0.00      0.10      0.00       0.01
        0.02      1.00      0.59     -0.10     -0.00      -0.01  000000

35      0.00     -1.09      0.00      0.38      0.00       0.02
       -0.18      1.09      0.48     -0.38      0.00      -0.02  000000

49      0.00     -2.12      0.00      0.00      0.00      -0.04
       -0.06      2.12      0.17     -0.00      0.00       0.04  000000

50      0.00     -1.47      0.00     -0.10      0.00      -0.03
        0.22      1.47     -0.22      0.10      0.00       0.03  000000

51      0.00     -1.17      0.00      0.00      0.00       0.00
        0.00      1.17     -0.16     -0.00      0.00      -0.00  000000

53      0.00     -1.76      0.00      0.00      0.00       0.03
       -0.14      1.76     -0.14     -0.00      0.00      -0.03  000000

54      0.00     -1.06      0.00      0.00      0.00       0.02
        0.15      1.06      0.05     -0.00      0.00      -0.02  000000

55      0.00     -1.76      0.00      0.00      0.00      -0.03
        0.15      1.76     -0.15     -0.00      0.00       0.03  000000

56      0.00     -1.06      0.00      0.00      0.00      -0.02
       -0.14      1.06      0.05     -0.00      0.00       0.02  000000

57      0.00     -1.17      0.00      0.00      0.00       0.00
        0.00      1.17     -0.21     -0.00     -0.00      -0.00  000000

59      0.00     -1.47      0.00     -0.10      0.00       0.03
       -0.22      1.47     -0.22      0.10      0.00      -0.03  000000

60      0.00     -2.12      0.00      0.00      0.00       0.04
        0.07      2.12      0.17     -0.00      0.00      -0.04  000000

74      0.00     -1.34      0.00      0.00      0.00      -0.02
        0.25      1.34      0.05     -0.00      0.00       0.02  000000

77      0.00     -0.91      0.00      0.25      0.00       0.00
       -0.16      0.91      0.13     -0.25      0.00      -0.00  000000

79      0.00     -0.91      0.00      0.25      0.00       0.00
        0.17      0.91      0.16     -0.25      0.00      -0.00  000000

83      0.00     -1.34      0.00      0.00      0.00       0.02
```

```
   STAAD SPACE                                      -- PAGE NO.  124

 103      0.00     -1.08      0.00     -0.10      0.00      0.00
         -0.00      1.08     -0.53      0.10      0.01     -0.00  000000

 105      0.00     -0.98      0.00     -0.25      0.00      0.00
          0.08      0.98     -0.44      0.25     -0.01      0.00  000000

 107      0.00     -1.38      0.00      0.00      0.00      0.03
         -0.26      1.38     -0.35     -0.00      0.00     -0.03  000000

 108      0.00     -1.94      0.00     -0.19      0.00      0.04
          0.12      1.94     -0.04      0.19     -0.01     -0.04  000000

 109      0.00     -1.23      0.00     -0.58      0.00     -0.06
         -0.12      1.23      0.08      0.58     -0.00      0.06  000000

 110      0.00     -0.94      0.00     -0.51      0.00     -0.06
          0.20      0.94     -0.09      0.51      0.00      0.06  000000

 115      0.00     -0.80      0.00     -0.20      0.00      0.00
         -0.11      0.80     -0.01      0.20     -0.00      0.00  000000

 117      0.00     -0.57      0.00     -0.05      0.00      0.00
          0.13      0.57     -0.03      0.05     -0.00      0.00  000000

 119      0.00     -0.94      0.00     -0.51      0.00      0.06
         -0.21      0.94     -0.09      0.51      0.00     -0.06  000000

 120      0.00     -1.23      0.00     -0.58      0.00      0.06
          0.12      1.23      0.08      0.58      0.00     -0.06  000000

 439      0.00     -0.21      0.00      0.00      0.00      0.00
         -0.10     -2.97     -0.05     -0.03      0.00      0.09  111111

 440      0.00     -0.21      0.00      0.00      0.00      0.00
         -0.09     -3.68      0.07      0.09      0.00      0.08  111111

 441      0.00     -0.21      0.00      0.00      0.00      0.00
         -0.11     -6.20     -0.49     -0.38      0.00      0.11  111111

 442      0.00     -0.21      0.00      0.00      0.00      0.00
         -0.16     -8.85      0.11      0.15      0.00      0.16  111111

 443      0.00     -0.21      0.00      0.00      0.00      0.00
         -0.15     -8.63     -0.02      0.03      0.00      0.16  111111

 444      0.00     -0.21      0.00      0.00      0.00      0.00
         -0.14     -6.52      0.38      0.40      0.00      0.13  111111

 445      0.00     -0.21      0.00      0.00      0.00      0.00
         -0.08     -2.57      0.01      0.03      0.00      0.07  111111

 446      0.00     -0.21      0.00      0.00      0.00      0.00
          0.10     -2.99     -0.05     -0.03      0.00     -0.09  111111

 447      0.00     -0.21      0.00      0.00      0.00      0.00
          0.07     -3.61      0.07      0.09      0.00     -0.06  111111

 448      0.00     -0.21      0.00      0.00      0.00      0.00
          0.10     -6.23     -0.49     -0.38      0.00     -0.10  111111

 449      0.00     -0.21      0.00      0.00      0.00      0.00
          0.16     -8.84      0.11      0.15      0.00     -0.16  111111

 450      0.00     -0.21      0.00      0.00      0.00      0.00
          0.15     -8.61     -0.03      0.03      0.00     -0.16  111111

 451      0.00     -0.21      0.00      0.00      0.00      0.00
```

457	0.00	-0.21	0.00	0.00	0.00	0.00	
	0.01	-3.39	0.00	0.02	0.00	-0.00	111111
458	0.00	-0.21	0.00	0.00	0.00	0.00	
	-0.00	-3.33	-0.01	0.01	0.00	0.00	111111
459	0.00	-0.21	0.00	0.00	0.00	0.00	
	0.05	-2.82	-0.01	0.01	0.00	-0.04	111111
460	0.00	-0.11	0.00	0.00	0.00	0.00	
	-0.04	-3.30	0.04	0.05	-0.00	0.04	111111
461	0.00	-0.21	0.00	0.00	0.00	0.00	
	-0.01	-3.76	0.06	0.08	0.00	0.01	111111
462	0.00	-0.21	0.00	0.00	0.00	0.00	
	0.01	-3.75	0.07	0.09	0.00	-0.01	111111
463	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.01	-7.11	-0.49	-0.35	0.00	-0.01	111111
464	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.06	-7.63	-0.66	-0.50	0.00	-0.06	111111
465	0.00	-0.31	0.00	0.00	0.00	0.00	
	-0.06	-7.67	-0.67	-0.51	0.00	0.06	111111
466	0.00	-0.31	0.00	0.00	0.00	0.00	
	-0.00	-7.13	-0.51	-0.37	0.00	0.00	111111
467	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.03	-10.67	0.18	0.24	0.00	-0.03	111111
468	0.00	-0.21	0.00	0.00	0.00	0.00	
	-0.01	-10.80	0.12	0.15	0.00	0.01	111111
469	0.00	-0.21	0.00	0.00	0.00	0.00	
	0.01	-10.88	0.12	0.16	0.00	-0.00	111111
470	0.00	-0.31	0.00	0.00	0.00	0.00	
	-0.03	-10.92	0.26	0.31	0.00	0.03	111111
471	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.02	-10.46	-0.06	0.02	0.00	-0.02	111111
472	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.09	-9.93	-0.08	0.01	0.00	-0.09	111111
473	0.00	-0.31	0.00	0.00	0.00	0.00	
	-0.09	-10.07	-0.11	-0.01	0.00	0.09	111111
474	0.00	-0.31	0.00	0.00	0.00	0.00	
	-0.02	-10.52	-0.09	0.00	0.00	0.02	111111
475	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.03	-7.42	0.40	0.44	0.00	-0.03	111111
476	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.03	-7.33	0.45	0.49	0.00	-0.02	111111
477	0.00	-0.31	0.00	0.00	0.00	0.00	
	0.02	-7.18	0.48	0.51	0.00	-0.02	111111
478	0.00	-0.31	0.00	0.00	0.00	0.00	
	-0.06	-7.31	0.39	0.43	0.00	0.05	111111
479	0.00	-0.21	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
1	0.00000E+00	-1.20000E+00	0.00000E+00	1.20000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
3	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+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
5	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
6	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
7	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
8	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
10	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
11	0.00000E+00	-1.41000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	-1.20000E+00	0.00000E+00	1.20000E+00	0.00000E+00	0.00000E+00
13	0.00000E+00	-2.40000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
14	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
15	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
17	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
18	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
19	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
20	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
21	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
23	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	-1.20000E+00	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00
25	0.00000E+00	-2.40000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
26	0.00000E+00	-2.11500E+00	0.00000E+00	1.05750E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
28	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
29	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	-3.10000E+00	0.00000E+00	-2.16667E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-4.23000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	-3.10000E+00	0.00000E+00	-2.16667E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
34	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
35	0.00000E+00	-2.11500E+00	0.00000E+00	1.05750E+00	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.80000E+00	0.00000E+00	9.00000E-01	0.00000E+00	0.00000E+00
37	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
39	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
40	0.00000E+00	-4.60000E+00	0.00000E+00	-3.83334E-01	0.00000E+00	0.00000E+00
41	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
42	0.00000E+00	-1.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
44	0.00000E+00	-1.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
46	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	-2.82000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
48	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	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
50	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
51	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
52	0.00000E+00	-2.60000E+00	0.00000E+00	2.38333E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
54	0.00000E+00	-1.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	0.00000E+00	-2.82000E+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
56	0.00000E+00	-1.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
57	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
58	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
59	0.00000E+00	-2.82000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
60	0.00000E+00	-2.40000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
61	0.00000E+00	-2.40000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
62	0.00000E+00	-2.82000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
63	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
64	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
65	0.00000E+00	-2.11500E+00	0.00000E+00	-1.05750E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-1.75000E+00	0.00000E+00	2.91666E-01	0.00000E+00	0.00000E+00
67	0.00000E+00	-2.11500E+00	0.00000E+00	-1.05750E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-1.75000E+00	0.00000E+00	2.91666E-01	0.00000E+00	0.00000E+00
69	0.00000E+00	-5.64000E+00	0.00000E+00	-8.79001E-07	0.00000E+00	0.00000E+00
70	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
71	0.00000E+00	-2.82000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
72	0.00000E+00	-2.40000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
74	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	-2.82000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
78	0.00000E+00	-1.90000E+00	0.00000E+00	-3.66667E-01	0.00000E+00	0.00000E+00
79	0.00000E+00	-2.82000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
80	0.00000E+00	-1.90000E+00	0.00000E+00	-3.66667E-01	0.00000E+00	0.00000E+00
81	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
83	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	-4.23000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
90	0.00000E+00	-3.10000E+00	0.00000E+00	2.16667E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	-4.23000E+00	0.00000E+00	1.41000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-3.10000E+00	0.00000E+00	2.16667E+00	0.00000E+00	0.00000E+00
93	0.00000E+00	-5.64000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-2.40000E+00	0.00000E+00	1.14270E-06	0.00000E+00	0.00000E+00
98	0.00000E+00	-2.82000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
99	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
100	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
101	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
102	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
103	0.00000E+00	-5.64000E+00	0.00000E+00	2.81280E-06	0.00000E+00	0.00000E+00
104	0.00000E+00	-4.50000E+00	0.00000E+00	-2.99998E-01	0.00000E+00	0.00000E+00
105	0.00000E+00	-4.23000E+00	0.00000E+00	-2.11500E+00	0.00000E+00	0.00000E+00
106	0.00000E+00	-3.45000E+00	0.00000E+00	-1.87500E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-2.82000E+00	0.00000E+00	1.40640E-06	0.00000E+00	0.00000E+00
108	0.00000E+00	-2.40000E+00	0.00000E+00	1.14270E-06	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
109	0.00000E+00	-1.20000E+00	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00
110	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	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	-2.82000E+00	0.00000E+00	-2.82000E+00	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	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	-2.10000E+00	0.00000E+00	-2.10000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05001E-01	0.00000E+00	0.00000E+00
118	0.00000E+00	-6.00001E-01	0.00000E+00	-3.00001E-01	0.00000E+00	0.00000E+00
119	0.00000E+00	-1.41000E+00	0.00000E+00	-1.41000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	-1.20000E+00	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00
121	0.00000E+00	-2.11500E+00	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
122	0.00000E+00	-2.11500E+00	0.00000E+00	3.52500E-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	-2.82000E+00	0.00000E+00	2.82000E+00	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	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
130	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
131	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
134	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
135	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
137	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
138	0.00000E+00	-5.64000E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
139	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
141	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-4.23000E+00	0.00000E+00	2.11500E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
146	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
147	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
148	0.00000E+00	-5.64000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
149	0.00000E+00	-2.82000E+00	0.00000E+00	2.82000E+00	0.00000E+00	0.00000E+00
150	0.00000E+00	-4.23000E+00	0.00000E+00	2.11500E+00	0.00000E+00	0.00000E+00
151	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
152	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
153	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
154	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
155	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
156	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
157	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
158	0.00000E+00	-5.64000E+00	0.00000E+00	-3.51601E-07	0.00000E+00	0.00000E+00
159	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
160	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00
161	0.00000E+00	-5.64000E+00	0.00000E+00	8.79001E-07	0.00000E+00	0.00000E+00

STAAD SPACE   -- PAGE NO. 129

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X      FORCE-Y      FORCE-Z      MOM-X        MOM-Y        MOM-Z
   162 0.00000E+00-5.64000E+00 0.00000E+00 8.79001E-07 0.00000E+00 0.00000E+00
   163 0.00000E+00-5.64000E+00 0.00000E+00 8.79001E-07 0.00000E+00 0.00000E+00
   164 0.00000E+00-5.64000E+00 0.00000E+00 8.79001E-07 0.00000E+00 0.00000E+00
   165 0.00000E+00-5.64000E+00 0.00000E+00 8.79001E-07 0.00000E+00 0.00000E+00
   166 0.00000E+00-5.64000E+00 0.00000E+00 8.79001E-07 0.00000E+00 0.00000E+00
   167 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   168 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   169 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   170 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   171 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   172 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   173 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   174 0.00000E+00-5.64000E+00 0.00000E+00-8.79001E-07 0.00000E+00 0.00000E+00
   175 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   176 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   177 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   178 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   179 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   180 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   181 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   182 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   183 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   184 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   185 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   186 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   187 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   188 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   189 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   190 0.00000E+00-5.64000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   191 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   192 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   193 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   194 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   195 0.00000E+00-2.82000E+00 0.00000E+00 2.82000E+00 0.00000E+00 0.00000E+00
   196 0.00000E+00-2.82000E+00 0.00000E+00 2.82000E+00 0.00000E+00 0.00000E+00
   197 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   198 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   199 0.00000E+00-4.23000E+00 0.00000E+00-2.11500E+00 0.00000E+00 0.00000E+00
   200 0.00000E+00-4.23000E+00 0.00000E+00-2.11500E+00 0.00000E+00 0.00000E+00
   201 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   202 0.00000E+00-5.64000E+00 0.00000E+00 2.81280E-06 0.00000E+00 0.00000E+00
   203 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   204 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   205 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   206 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   207 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   208 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   209 0.00000E+00-1.41000E+00 0.00000E+00-7.05001E-01 0.00000E+00 0.00000E+00
   210 0.00000E+00-1.41000E+00 0.00000E+00-7.05001E-01 0.00000E+00 0.00000E+00
   211 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   212 0.00000E+00-2.82000E+00 0.00000E+00-2.82000E+00 0.00000E+00 0.00000E+00
   213 0.00000E+00-4.80000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   214 0.00000E+00-4.80000E+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
215	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
216	0.00000E+00	-2.82000E+00	0.00000E+00	-2.82000E+00	0.00000E+00	0.00000E+00
217	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05000E-01	0.00000E+00	0.00000E+00
218	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05000E-01	0.00000E+00	0.00000E+00
219	0.00000E+00	-1.41000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
220	0.00000E+00	-1.41000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
281	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
282	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
283	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
284	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
285	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
286	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
287	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
288	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
289	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
290	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
291	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
292	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
293	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
294	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
295	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
296	0.00000E+00	-4.80000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
297	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
298	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
299	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
300	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
301	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
302	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
303	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
304	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
305	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
306	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
307	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
308	0.00000E+00	-3.60000E+00	0.00000E+00	1.80000E+00	0.00000E+00	0.00000E+00
309	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
310	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
312	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
313	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
314	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
315	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
316	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
317	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
318	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
319	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
320	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
321	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
322	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
323	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
324	0.00000E+00	-4.80000E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
325	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
326	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
327	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
328	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
329	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
330	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
331	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
332	0.00000E+00	-4.80000E+00	0.00000E+00	-7.03201E-07	0.00000E+00	0.00000E+00
333	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
337	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
340	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
341	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
342	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
345	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-4.80000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
349	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
350	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
351	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
352	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
353	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
354	0.00000E+00	-2.40000E+00	0.00000E+00	2.40000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
356	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
357	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
358	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
359	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
360	0.00000E+00	-4.80000E+00	0.00000E+00	2.28540E-06	0.00000E+00	0.00000E+00
361	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
362	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
363	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
364	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
365	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
366	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
369	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
370	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
373	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
374	0.00000E+00	-2.40000E+00	0.00000E+00	-2.40000E+00	0.00000E+00	0.00000E+00
375	0.00000E+00	-1.20000E+00	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
376	0.00000E+00	-1.20000E+00	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
481	0.00000E+00	-7.05000E-01	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
482	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05000E-01	0.00000E+00	0.00000E+00
483	0.00000E+00	-2.11500E+00	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
484	0.00000E+00	-7.05000E-01	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
485	0.00000E+00	-7.05000E-01	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
486	0.00000E+00	-1.41000E+00	0.00000E+00	-7.05000E-01	0.00000E+00	0.00000E+00
487	0.00000E+00	-7.05000E-01	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00
488	0.00000E+00	-2.11500E+00	0.00000E+00	3.52500E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
489	0.00000E+00	-1.41000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
490	0.00000E+00	-1.41000E+00	0.00000E+00	7.05000E-01	0.00000E+00	0.00000E+00
491	0.00000E+00	-6.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
492	0.00000E+00	-1.20000E+00	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
493	0.00000E+00	-6.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
494	0.00000E+00	-1.80000E+00	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
495	0.00000E+00	-1.20000E+00	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
498	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
499	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
500	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
501	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
502	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
503	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
504	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
505	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
506	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
507	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
508	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
509	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
510	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
511	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00	0.00000E+00	8.33330E-03
512	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
513	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	-8.33335E-03
514	0.00000E+00	-1.33973E+00	0.00000E+00	-9.99998E-02	0.00000E+00	0.00000E+00
515	0.00000E+00	-1.33973E+00	0.00000E+00	1.00000E-01	0.00000E+00	0.00000E+00
516	0.00000E+00	-1.40000E+00	0.00000E+00	-9.99998E-02	0.00000E+00	7.50000E-02
517	0.00000E+00	-1.40000E+00	0.00000E+00	1.00000E-01	0.00000E+00	7.50000E-02
518	0.00000E+00	-1.33973E+00	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00
519	0.00000E+00	-1.33973E+00	0.00000E+00	1.00000E-01	0.00000E+00	0.00000E+00
520	0.00000E+00	-1.40000E+00	0.00000E+00	-1.00000E-01	0.00000E+00	7.50000E-02
521	0.00000E+00	-1.40000E+00	0.00000E+00	1.00000E-01	0.00000E+00	7.50000E-02
522	0.00000E+00	-1.33973E+00	0.00000E+00	-1.00000E-01	0.00000E+00	0.00000E+00
523	0.00000E+00	-1.33973E+00	0.00000E+00	1.00001E-01	0.00000E+00	0.00000E+00
524	0.00000E+00	-1.40000E+00	0.00000E+00	-1.00000E-01	0.00000E+00	7.50000E-02
525	0.00000E+00	-1.40000E+00	0.00000E+00	1.00001E-01	0.00000E+00	7.50000E-02
526	0.00000E+00	-1.33973E+00	0.00000E+00	-9.99995E-02	0.00000E+00	0.00000E+00
527	0.00000E+00	-1.33973E+00	0.00000E+00	9.99995E-02	0.00000E+00	0.00000E+00
528	0.00000E+00	-1.40000E+00	0.00000E+00	-9.99995E-02	0.00000E+00	7.50000E-02
529	0.00000E+00	-1.40000E+00	0.00000E+00	9.99995E-02	0.00000E+00	7.50000E-02
530	0.00000E+00	-6.00000E-01	0.00000E+00	2.00000E-01	0.00000E+00	0.00000E+00
531	0.00000E+00	-1.06027E+00	0.00000E+00	-2.00000E-01	0.00000E+00	8.20727E-02
534	0.00000E+00	-1.06027E+00	0.00000E+00	2.00000E-01	0.00000E+00	8.20727E-02
535	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
538	0.00000E+00	-1.06027E+00	0.00000E+00	-2.00000E-01	0.00000E+00	8.20727E-02
540	0.00000E+00	-1.06027E+00	0.00000E+00	2.00000E-01	0.00000E+00	8.20727E-02
542	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
544	0.00000E+00	-1.06027E+00	0.00000E+00	-2.00000E-01	0.00000E+00	8.20727E-02
546	0.00000E+00	-1.06027E+00	0.00000E+00	2.00000E-01	0.00000E+00	8.20727E-02
548	0.00000E+00	-1.50000E+00	0.00000E+00	2.50000E-01	0.00000E+00	0.00000E+00
550	0.00000E+00	-6.00000E-01	0.00000E+00	2.00000E-01	0.00000E+00	0.00000E+00
552	0.00000E+00	-1.06027E+00	0.00000E+00	-2.00000E-01	0.00000E+00	8.20727E-02
554	0.00000E+00	-1.06027E+00	0.00000E+00	2.00000E-01	0.00000E+00	8.20727E-02
556	0.00000E+00	-6.00000E-01	0.00000E+00	-2.00000E-01	0.00000E+00	0.00000E+00

STAAD SPACE   -- PAGE NO. 133

APPLIED JOINT EQUIVALENT LOADS
```
JOINT   FORCE-X      FORCE-Y      FORCE-Z      MOM-X        MOM-Y        MOM-Z
 558 0.00000E+00-2.25000E+00 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
 559 0.00000E+00-2.25000E+00 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
 560 0.00000E+00-1.20000E+00 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
 561 0.00000E+00-1.20000E+00 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
 562 0.00000E+00-2.40000E+00 0.00000E+00-2.00000E+00 0.00000E+00 0.00000E+00
 563 0.00000E+00-6.00000E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 564 0.00000E+00-1.00000E+00 0.00000E+00-2.00000E-01 0.00000E+00-6.66666E-02
 565 0.00000E+00-6.00000E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 566 0.00000E+00-6.00000E-01 0.00000E+00-2.00000E-01 0.00000E+00 0.00000E+00
 567 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
 568 0.00000E+00-6.00000E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 569 0.00000E+00-6.00000E-01 0.00000E+00-2.00000E-01 0.00000E+00 0.00000E+00
 570 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
 571 0.00000E+00-1.00000E+00 0.00000E+00 2.00000E-01 0.00000E+00-6.66666E-02
 572 0.00000E+00-1.00000E+00 0.00000E+00-2.00000E-01 0.00000E+00-6.66666E-02
 573 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
 574 0.00000E+00-1.00000E+00 0.00000E+00 2.00000E-01 0.00000E+00-6.66666E-02
 575 0.00000E+00-1.00000E+00 0.00000E+00-2.00000E-01 0.00000E+00-6.66666E-02
 576 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
 577 0.00000E+00-6.00000E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 578 0.00000E+00-6.00000E-01 0.00000E+00-2.00000E-01 0.00000E+00 0.00000E+00
 579 0.00000E+00-1.50000E+00 0.00000E+00 2.50000E-01 0.00000E+00 0.00000E+00
 580 0.00000E+00-1.00000E+00 0.00000E+00 2.00000E-01 0.00000E+00-6.66666E-02
 581 0.00000E+00-9.00000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
 582 0.00000E+00-1.50000E+00 0.00000E+00 2.50000E-01 0.00000E+00 0.00000E+00
 583 0.00000E+00-6.00001E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 584 0.00000E+00-9.00000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
 585 0.00000E+00-9.00000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
 586 0.00000E+00-6.00000E-01 0.00000E+00-2.00000E-01 0.00000E+00 0.00000E+00
 587 0.00000E+00-6.00000E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 588 0.00000E+00-6.00000E-01 0.00000E+00-2.00000E-01 0.00000E+00 0.00000E+00
 589 0.00000E+00-6.00000E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 590 0.00000E+00-6.00000E-01 0.00000E+00-2.00000E-01 0.00000E+00 0.00000E+00
 591 0.00000E+00-6.00000E-01 0.00000E+00 2.00000E-01 0.00000E+00 0.00000E+00
 592 0.00000E+00-1.00000E+00 0.00000E+00-2.00000E-01 0.00000E+00-6.66666E-02
 593 0.00000E+00-1.00000E+00 0.00000E+00 2.00000E-01 0.00000E+00-6.66666E-02
 594 0.00000E+00-1.80000E+00 0.00000E+00 1.80000E+00 0.00000E+00 0.00000E+00
 595 0.00000E+00-1.80000E+00 0.00000E+00-1.80000E+00 0.00000E+00 0.00000E+00
 596 0.00000E+00-9.00000E-01 0.00000E+00 4.50000E-01 0.00000E+00 0.00000E+00
 597 0.00000E+00-4.50000E-01 0.00000E+00-2.25000E-01 0.00000E+00 0.00000E+00
 598 0.00000E+00-1.35000E+00 0.00000E+00-2.25000E-01 0.00000E+00 0.00000E+00
 599 0.00000E+00-1.65000E+00 0.00000E+00-2.24999E-01 0.00000E+00 0.00000E+00
 600 0.00000E+00-9.00000E-01 0.00000E+00 4.50000E-01 0.00000E+00 0.00000E+00
 601 0.00000E+00-9.00000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
 606 0.00000E+00-2.82000E+00 0.00000E+00 1.45035E-06 0.00000E+00 0.00000E+00
 607 0.00000E+00-2.82000E+00 0.00000E+00 1.45035E-06 0.00000E+00 0.00000E+00
 608 0.00000E+00-2.82000E+00 0.00000E+00 1.45035E-06 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 (METE).
        (FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

                      X =  0.149299561E+02
                      Y =  0.516083398E+01
                      Z =  0.272255325E+02
```

```
 ***TOTAL APPLIED LOAD ( MTON METE ) SUMMARY (LOADING     2 )
     SUMMATION FORCE-X =           0.00
     SUMMATION FORCE-Y =       -1307.18
     SUMMATION FORCE-Z =           0.00

    SUMMATION OF MOMENTS AROUND THE ORIGIN-
    MX=       35588.67  MY=           0.00  MZ=      -19516.14


 ***TOTAL REACTION LOAD( MTON METE ) SUMMARY (LOADING     2 )
     SUMMATION FORCE-X =           0.00
     SUMMATION FORCE-Y =        1307.18
     SUMMATION FORCE-Z =           0.00

    SUMMATION OF MOMENTS AROUND THE ORIGIN-
    MX=      -35588.67  MY=          -0.00  MZ=       19516.14


 MAXIMUM DISPLACEMENTS (  CM  /RADIANS) (LOADING      2)
           MAXIMUMS      AT NODE
    X =  3.23530E-02       96
    Y = -1.06581E+00      346
    Z =  3.74854E-02      487
    RX= -3.83471E-03      358
    RY= -8.13667E-05      210
    RZ=  1.39194E-03      490



 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      -1.20       0.00       1.20       0.00       0.00
         -0.89       1.20      -0.28      -1.20      -0.00      -0.00  000000

   2      0.00      -1.41       0.00       1.41       0.00       0.00
          1.17       1.41       0.32      -1.41       0.00      -0.00  000000

   3      0.00      -2.82       0.00       2.82       0.00       0.00
         -0.20       2.82       0.67      -2.82       0.00      -0.00  000000

   4      0.00      -2.40       0.00       2.40       0.00       0.00
          0.22       2.40      -0.49      -2.40      -0.00      -0.00  000000

   5      0.00      -2.82       0.00       2.82       0.00       0.00
         -0.02       2.82       0.68      -2.82       0.00      -0.00  000000

   6      0.00      -2.40       0.00       2.40       0.00       0.00
         -0.02       2.40      -0.49      -2.40      -0.00      -0.00  000000

   7      0.00      -2.82       0.00       2.82       0.00       0.00
          0.04       2.82       0.67      -2.82       0.01      -0.00  000000
```

8	0.00	-2.40	0.00	2.40	0.00	0.00	
	-0.02	2.40	-0.49	-2.40	0.00	-0.00	000000
9	0.00	-2.82	0.00	2.82	0.00	0.00	
	0.27	2.82	0.66	-2.82	-0.01	0.00	000000
10	0.00	-2.40	0.00	2.40	0.00	0.00	
	-0.21	2.40	-0.48	-2.40	-0.00	-0.00	000000
11	0.00	-1.41	0.00	1.41	0.00	0.00	
	-1.21	1.41	0.32	-1.41	0.00	0.00	000000
12	0.00	-1.20	0.00	1.20	0.00	0.00	
	0.80	1.20	-0.26	-1.20	0.00	0.00	000000
13	0.00	-2.40	0.00	0.00	0.00	0.00	
	-0.60	2.40	0.10	-0.00	-0.00	0.00	000000
14	0.00	-1.41	0.00	-1.41	0.00	0.00	
	1.58	1.41	-0.35	1.41	0.00	-0.00	000000
15	0.00	-5.64	0.00	0.00	0.00	0.00	
	0.42	5.64	-0.34	-0.00	0.00	-0.00	000000
17	0.00	-5.64	0.00	0.00	0.00	0.00	
	0.31	5.64	-0.30	-0.00	0.00	0.00	000000
18	0.00	-4.80	0.00	0.00	0.00	0.00	
	-0.12	4.80	0.01	-0.00	-0.00	0.00	000000
19	0.00	-5.64	0.00	0.00	0.00	0.00	
	-0.27	5.64	-0.31	-0.00	0.01	-0.00	000000
20	0.00	-4.80	0.00	0.00	0.00	0.00	
	0.11	4.80	0.00	-0.00	0.01	0.00	000000
21	0.00	-5.64	0.00	0.00	0.00	0.00	
	-0.58	5.64	-0.35	-0.00	-0.01	-0.00	000000
23	0.00	-1.41	0.00	-1.41	0.00	0.00	
	-1.30	1.41	-0.40	1.41	0.00	0.00	000000
24	0.00	-1.20	0.00	-1.20	0.00	0.00	
	0.86	1.20	0.06	1.20	0.00	-0.00	000000
25	0.00	-2.40	0.00	0.00	0.00	0.00	
	-0.87	2.40	0.01	-0.00	-0.02	-0.00	000000
26	0.00	-2.12	0.00	1.06	0.00	0.00	
	1.75	2.12	1.77	-1.06	0.00	-0.00	000000
27	0.00	-5.64	0.00	0.00	0.00	0.00	
	0.08	5.64	4.01	-0.00	0.00	0.00	000000
28	0.00	-4.80	0.00	0.00	0.00	0.00	
	-0.21	4.80	-0.42	-0.00	-0.00	-0.00	000000
29	0.00	-4.23	0.00	-1.41	0.00	0.00	
	-1.26	4.23	2.59	1.41	0.00	-0.00	000000
30	0.00	-3.10	0.00	-2.17	0.00	0.00	
	0.84	3.10	0.19	2.17	0.01	0.00	000000
31	0.00	-4.23	0.00	-1.41	0.00	0.00	
	1.28	4.23	2.60	1.41	0.01	0.00	000000
32	0.00	-3.10	0.00	-2.17	0.00	0.00	

```
39      0.00     -5.64      0.00     -0.00      0.00      0.00
       -0.01      5.64     -0.30      0.00      0.00      0.00  000000

41      0.00     -2.82      0.00     -0.00      0.00      0.00
       -1.26      2.82     -0.27      0.00     -0.00      0.00  000000

43      0.00     -2.82      0.00     -0.00      0.00      0.00
        1.10      2.82     -0.30      0.00      0.03      0.00  000000

45      0.00     -5.64      0.00     -0.00      0.00      0.00
        0.05      5.64     -0.49      0.00     -0.03      0.00  000000

47      0.00     -2.82      0.00     -0.00      0.00      0.00
       -1.46      2.82     -0.42      0.00      0.00     -0.00  000000

49      0.00     -2.40      0.00      0.00      0.00      0.00
       -0.85      2.40      0.52     -0.00      0.03     -0.00  000000

50      0.00     -2.82      0.00      0.00      0.00      0.00
        1.88      2.82     -0.78     -0.00      0.00      0.00  000000

51      0.00     -5.64      0.00      0.00      0.00      0.00
        0.05      5.64     -1.07     -0.00      0.00     -0.00  000000

52      0.00     -2.60      0.00      2.38      0.00      0.00
       -0.18      2.60      0.15     -2.38      0.03     -0.00  000000

53      0.00     -2.82      0.00      0.00      0.00      0.00
       -1.50      2.82     -0.51     -0.00      0.00      0.00  000000

54      0.00     -1.40      0.00      0.00      0.00      0.00
        1.30      1.40      0.14      0.00      0.04     -0.00  000000

55      0.00     -2.82      0.00      0.00      0.00      0.00
        1.52      2.82     -0.53     -0.00      0.03      0.00  000000

56      0.00     -1.40      0.00      0.00      0.00      0.00
       -1.26      1.40      0.14      0.00      0.05     -0.00  000000

57      0.00     -5.64      0.00      0.00      0.00      0.00
       -0.03      5.64     -1.28     -0.00     -0.03      0.00  000000

58      0.00     -4.80      0.00      0.00      0.00      0.00
        0.18      4.80      0.07     -0.00      0.02     -0.00  000000

59      0.00     -2.82      0.00      0.00      0.00      0.00
       -1.86      2.82     -0.84     -0.00      0.00      0.00  000000

60      0.00     -2.40      0.00      0.00      0.00      0.00
        0.87      2.40      0.54     -0.00      0.03      0.00  000000

62      0.00     -2.82      0.00     -0.00      0.00      0.00
        1.34      2.82     -0.11      0.00      0.00     -0.00  000000

63      0.00     -5.64      0.00     -0.00      0.00      0.00
        0.13      5.64     -0.14      0.00      0.00     -0.00  000000

65      0.00     -2.12      0.00     -1.06      0.00      0.00
       -1.03      2.12      0.26      1.06      0.00      0.00  000000

67      0.00     -2.12      0.00     -1.06      0.00      0.00
        0.69      2.12      0.22      1.06      0.03     -0.00  000000

69      0.00     -5.64      0.00     -0.00      0.00      0.00
       -0.06      5.64     -0.17      0.00     -0.03     -0.00  000000

71      0.00     -2.82      0.00     -0.00      0.00      0.00
```

STAAD SPACE   -- PAGE NO. 137

```
 79     0.00    -2.82     0.00      0.70     0.00      0.00
        1.82     2.82     1.13     -0.70     0.01     -0.00   000000

 80     0.00    -1.90     0.00     -0.37     0.00      0.00
       -1.07     1.90    -0.32      0.37     0.08      0.00   000000

 81     0.00    -5.64     0.00      0.00     0.00      0.00
        0.13     5.64     0.84     -0.00    -0.01      0.00   000000

 82     0.00    -4.80     0.00      0.00     0.00      0.00
       -0.00     4.80    -0.13      0.00     0.06      0.00   000000

 83     0.00    -2.82     0.00      0.00     0.00      0.00
       -2.23     2.82     0.22     -0.00     0.00     -0.00   000000

 84     0.00    -2.40     0.00      0.00     0.00      0.00
        1.32     2.40    -0.10     -0.00     0.04      0.00   000000

 86     0.00    -2.82     0.00      0.00     0.00      0.00
        1.39     2.82     0.03      0.00     0.00      0.00   000000

 87     0.00    -5.64     0.00      0.00     0.00      0.00
        0.12     5.64     0.30      0.00     0.00      0.00   000000

 89     0.00    -4.23     0.00      1.41     0.00      0.00
       -0.38     4.23     0.22     -1.41    -0.00     -0.00   000000

 91     0.00    -4.23     0.00      1.41     0.00      0.00
       -0.03     4.23     0.22     -1.41     0.01     -0.00   000000

 93     0.00    -5.64     0.00      0.00     0.00      0.00
       -0.11     5.64     0.32      0.00    -0.01     -0.00   000000

 95     0.00    -2.82     0.00      0.00     0.00      0.00
       -1.35     2.82     0.03     -0.00     0.00     -0.00   000000

 97     0.00    -2.40     0.00      0.00     0.00      0.00
       -1.60     2.40    -0.11     -0.00    -0.04      0.00   000000

 98     0.00    -2.82     0.00      0.00     0.00      0.00
        2.70     2.82    -1.24     -0.00     0.00      0.00   000000

 99     0.00    -5.64     0.00      0.00     0.00      0.00
       -0.31     5.64    -2.78     -0.00     0.00      0.00   000000

100     0.00    -4.80     0.00      0.00     0.00      0.00
        0.18     4.80    -0.04     -0.00    -0.06     -0.00   000000

101     0.00    -5.64     0.00      0.00     0.00      0.00
        0.01     5.64    -2.57     -0.00     0.00     -0.00   000000

102     0.00    -4.80     0.00      0.00     0.00      0.00
       -0.15     4.80     0.07     -0.00    -0.08      0.00   000000

103     0.00    -5.64     0.00      0.00     0.00      0.00
       -0.58     5.64    -2.85     -0.00     0.05      0.00   000000

104     0.00    -4.50     0.00     -0.30     0.00      0.00
        0.25     4.50     0.07      0.30    -0.08     -0.00   000000

105     0.00    -4.23     0.00     -2.11     0.00      0.00
        0.99     4.23    -3.17      2.11    -0.05     -0.00   000000

106     0.00    -3.45     0.00     -1.87     0.00      0.00
       -0.38     3.45     0.33      1.87    -0.12     -0.00   000000

107     0.00    -2.82     0.00      0.00     0.00      0.00
```

```
   STAAD SPACE                                          -- PAGE NO.  138

113      0.00      -2.82      0.00      -2.82      0.00      0.00
         0.08       2.82     -0.46       2.82      0.00     -0.00  000000

114      0.00      -2.40      0.00      -2.40      0.00      0.00
        -0.07       2.40      0.42       2.40     -0.00      0.00  000000

115      0.00      -2.82      0.00      -2.82      0.00      0.00
        -0.53       2.82     -0.39       2.82      0.00      0.00  000000

116      0.00      -2.10      0.00      -2.10      0.00      0.00
         0.29       2.10      0.44       2.10      0.00      0.00  000000

117      0.00      -1.41      0.00      -0.71      0.00      0.00
         0.67       1.41     -0.24       0.71      0.00     -0.00  000000

118      0.00      -0.60      0.00      -0.30      0.00      0.00
        -0.36       0.60     -0.02       0.30     -0.00     -0.00  000000

119      0.00      -1.41      0.00      -1.41      0.00      0.00
        -0.90       1.41     -0.22       1.41      0.00      0.00  000000

120      0.00      -1.20      0.00      -1.20      0.00      0.00
         0.63       1.20      0.25       1.20      0.00     -0.00  000000

213      0.00      -4.80      0.00       0.00      0.00      0.00
        -0.60       4.80      0.02      -0.00     -0.00     -0.00  000000

214      0.00      -4.80      0.00       0.00      0.00      0.00
         0.39       4.80      0.01      -0.00     -0.01     -0.00  000000

439      0.00       0.00      0.00       0.00      0.00      0.00
        -0.28      -6.97     -0.04       0.05     -0.00      0.25  111111

440      0.00       0.00      0.00       0.00      0.00      0.00
        -0.98     -10.97      0.25       0.34     -0.00      0.86  111111

441      0.00       0.00      0.00       0.00      0.00      0.00
        -0.88     -21.29     -1.58      -1.14     -0.00      0.90  111111

442      0.00       0.00      0.00       0.00      0.00      0.00
        -1.04     -30.21      0.52       0.70     -0.00      1.06  111111

443      0.00       0.00      0.00       0.00      0.00      0.00
        -0.97     -30.28     -0.08       0.17     -0.00      0.99  111111

444      0.00       0.00      0.00       0.00      0.00      0.00
        -1.08     -24.18      1.33       1.45     -0.00      0.95  111111

445      0.00       0.00      0.00       0.00      0.00      0.00
        -0.24      -4.94     -0.03       0.06     -0.00      0.21  111111

446      0.00       0.00      0.00       0.00      0.00      0.00
         0.41      -7.41     -0.05       0.03     -0.00     -0.36  111111

447      0.00       0.00      0.00       0.00      0.00      0.00
         0.43      -7.69      0.34       0.44     -0.00     -0.38  111111

448      0.00       0.00      0.00       0.00      0.00      0.00
         0.71     -20.40     -1.69      -1.24     -0.00     -0.73  111111

449      0.00       0.00      0.00       0.00      0.00      0.00
         1.04     -30.26      0.56       0.74     -0.00     -1.06  111111

450      0.00       0.00      0.00       0.00      0.00      0.00
         0.98     -30.18     -0.08       0.17     -0.00     -1.00  111111

451      0.00       0.00      0.00       0.00      0.00      0.00
```

STAAD SPACE   -- PAGE NO. 139

```
457      0.00      0.00      0.00      0.00      0.00      0.00
         0.02    -10.72     -0.00      0.09     -0.00     -0.01  111111

458      0.00      0.00      0.00      0.00      0.00      0.00
        -0.01    -10.81      0.04      0.13     -0.00      0.01  111111

459      0.00      0.00      0.00      0.00      0.00      0.00
         0.14     -8.32     -0.03      0.05     -0.00     -0.12  111111

460      0.00      0.00      0.00      0.00      0.00      0.00
        -0.15     -6.96      0.12      0.20     -0.00      0.14  111111

461      0.00      0.00      0.00      0.00      0.00      0.00
        -0.19    -33.69      0.30      0.39     -0.00      0.17  111111

462      0.00      0.00      0.00      0.00      0.00      0.00
         0.16    -33.81      0.30      0.39     -0.00     -0.14  111111

463      0.00      0.00      0.00      0.00      0.00      0.00
         0.12    -49.26     -3.44     -2.65     -0.00     -0.13  111111

464      0.00      0.00      0.00      0.00      0.00      0.00
         0.43    -35.86     -2.64     -1.95     -0.00     -0.44  111111

465      0.00      0.00      0.00      0.00      0.00      0.00
        -0.45    -36.04     -2.66     -1.96     -0.00      0.46  111111

466      0.00      0.00      0.00      0.00      0.00      0.00
         0.09    -48.39     -3.50     -2.70     -0.00     -0.09  111111

467      0.00      0.00      0.00      0.00      0.00      0.00
         0.14    -68.23      1.14      1.37     -0.00     -0.14  111111

468      0.00      0.00      0.00      0.00      0.00      0.00
         0.22    -44.44      0.38      0.58     -0.00     -0.23  111111

469      0.00      0.00      0.00      0.00      0.00      0.00
        -0.22    -44.66      0.37      0.57     -0.00      0.23  111111

470      0.00      0.00      0.00      0.00      0.00      0.00
        -0.12    -68.76      1.51      1.70     -0.00      0.12  111111

471      0.00      0.00      0.00      0.00      0.00      0.00
         0.05    -67.75     -0.61     -0.16     -0.00     -0.05  111111

472      0.00      0.00      0.00      0.00      0.00      0.00
         0.71    -49.84     -0.82     -0.35     -0.00     -0.73  111111

473      0.00      0.00      0.00      0.00      0.00      0.00
        -0.70    -50.93     -1.08     -0.57     -0.00      0.71  111111

474      0.00      0.00      0.00      0.00      0.00      0.00
        -0.07    -68.42     -0.84     -0.37     -0.00      0.07  111111

475      0.00      0.00      0.00      0.00      0.00      0.00
         0.15    -51.65      2.69      2.88     -0.00     -0.13  111111

476      0.00      0.00      0.00      0.00      0.00      0.00
         0.16    -49.05      2.39      2.58     -0.00     -0.14  111111

477      0.00      0.00      0.00      0.00      0.00      0.00
         0.36    -45.51      2.63      2.82     -0.00     -0.31  111111

478      0.00      0.00      0.00      0.00      0.00      0.00
        -0.58    -47.77      2.69      2.88     -0.00      0.51  111111

479      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
1	0.00000E+00	-7.50000E-01	0.00000E+00	7.50000E-01	0.00000E+00	0.00000E+00
2	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
3	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
4	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
5	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
6	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
7	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
8	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
10	0.00000E+00	-1.50000E+00	0.00000E+00	1.50000E+00	0.00000E+00	0.00000E+00
11	0.00000E+00	-3.00000E-01	0.00000E+00	3.00000E-01	0.00000E+00	0.00000E+00
12	0.00000E+00	-7.50000E-01	0.00000E+00	7.50000E-01	0.00000E+00	0.00000E+00
13	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
14	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
15	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
17	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
18	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
20	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
23	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
24	0.00000E+00	-7.50000E-01	0.00000E+00	-7.50000E-01	0.00000E+00	0.00000E+00
25	0.00000E+00	-1.50000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
26	0.00000E+00	-4.50000E-01	0.00000E+00	2.25000E-01	0.00000E+00	0.00000E+00
27	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
28	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
29	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
30	0.00000E+00	-1.94000E+00	0.00000E+00	-1.35333E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	-9.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
32	0.00000E+00	-1.94000E+00	0.00000E+00	-1.35333E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
34	0.00000E+00	-3.00000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
35	0.00000E+00	-4.50000E-01	0.00000E+00	2.25000E-01	0.00000E+00	0.00000E+00
36	0.00000E+00	-1.12500E+00	0.00000E+00	5.62500E-01	0.00000E+00	0.00000E+00
37	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
39	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0.00000E+00	-2.87500E+00	0.00000E+00	-2.39584E-01	0.00000E+00	0.00000E+00
41	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0.00000E+00	-8.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
44	0.00000E+00	-8.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	0.00000E+00	-3.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0.00000E+00	-1.50000E+00	0.00000E+00	0.00000E+00	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
50	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
52	0.00000E+00	-1.62500E+00	0.00000E+00	1.48958E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
54	0.00000E+00	-8.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	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
    56 0.00000E+00-8.80000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    57 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    58 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
    59 0.00000E+00-6.00000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
    60 0.00000E+00-1.50000E+00 0.00000E+00 2.63700E-07 0.00000E+00 0.00000E+00
    61 0.00000E+00-1.50000E+00 0.00000E+00-2.63700E-07 0.00000E+00 0.00000E+00
    62 0.00000E+00-6.00000E-01 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
    63 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
    64 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
    65 0.00000E+00-4.50000E-01 0.00000E+00-2.25000E-01 0.00000E+00 0.00000E+00
    66 0.00000E+00-1.10000E+00 0.00000E+00 1.83333E-01 0.00000E+00 0.00000E+00
    67 0.00000E+00-4.50000E-01 0.00000E+00-2.25000E-01 0.00000E+00 0.00000E+00
    68 0.00000E+00-1.10000E+00 0.00000E+00 1.83333E-01 0.00000E+00 0.00000E+00
    69 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
    70 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
    71 0.00000E+00-6.00000E-01 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
    72 0.00000E+00-1.50000E+00 0.00000E+00-2.63700E-07 0.00000E+00 0.00000E+00
    73 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    74 0.00000E+00-6.00000E-01 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 0.00000E+00
    76 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    77 0.00000E+00-6.00000E-01 0.00000E+00 1.50000E-01 0.00000E+00 0.00000E+00
    78 0.00000E+00-1.19000E+00 0.00000E+00-2.28333E-01 0.00000E+00 0.00000E+00
    79 0.00000E+00-6.00000E-01 0.00000E+00 1.50000E-01 0.00000E+00 0.00000E+00
    80 0.00000E+00-1.19000E+00 0.00000E+00-2.28333E-01 0.00000E+00 0.00000E+00
    81 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    82 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    83 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    84 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    85 0.00000E+00-1.50000E+00 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 0.00000E+00
    87 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    88 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    89 0.00000E+00-9.00000E-01 0.00000E+00 3.00000E-01 0.00000E+00 0.00000E+00
    90 0.00000E+00-1.94000E+00 0.00000E+00 1.35333E+00 0.00000E+00 0.00000E+00
    91 0.00000E+00-9.00000E-01 0.00000E+00 3.00000E-01 0.00000E+00 0.00000E+00
    92 0.00000E+00-1.94000E+00 0.00000E+00 1.35333E+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+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    95 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    96 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    97 0.00000E+00-1.50000E+00 0.00000E+00 7.03201E-07 0.00000E+00 0.00000E+00
    98 0.00000E+00-6.00000E-01 0.00000E+00 2.85675E-07 0.00000E+00 0.00000E+00
    99 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   100 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   101 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   102 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   103 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   104 0.00000E+00-2.07000E+00 0.00000E+00-9.29999E-01 0.00000E+00 0.00000E+00
   105 0.00000E+00-9.00000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
   106 0.00000E+00-2.16000E+00 0.00000E+00-1.17000E+00 0.00000E+00 0.00000E+00
   107 0.00000E+00-6.00000E-01 0.00000E+00 2.85675E-07 0.00000E+00 0.00000E+00
   108 0.00000E+00-1.50000E+00 0.00000E+00 7.03201E-07 0.00000E+00 0.00000E+00
```

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X      FORCE-Y      FORCE-Z      MOM-X        MOM-Y        MOM-Z
   109 0.00000E+00-7.50000E-01 0.00000E+00-7.50001E-01 0.00000E+00 0.00000E+00
   110 0.00000E+00-3.00000E-01 0.00000E+00-3.00000E-01 0.00000E+00 0.00000E+00
   111 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 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+00-6.00000E-01 0.00000E+00-6.00001E-01 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+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
   116 0.00000E+00-5.70000E-01 0.00000E+00-5.70000E-01 0.00000E+00 0.00000E+00
   117 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
   118 0.00000E+00-3.75000E-01 0.00000E+00-1.87500E-01 0.00000E+00 0.00000E+00
   119 0.00000E+00-3.00000E-01 0.00000E+00-3.00000E-01 0.00000E+00 0.00000E+00
   120 0.00000E+00-7.50000E-01 0.00000E+00-7.50001E-01 0.00000E+00 0.00000E+00
   121 0.00000E+00-4.50000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
   122 0.00000E+00-4.50000E-01 0.00000E+00 7.50000E-02 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+00-6.00000E-01 0.00000E+00 6.00000E-01 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+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
   127 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   128 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   129 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   130 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   131 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   132 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   133 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   134 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   135 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   136 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   137 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   138 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   139 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   140 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   141 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
   142 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
   143 0.00000E+00-9.00000E-01 0.00000E+00 4.50000E-01 0.00000E+00 0.00000E+00
   144 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   145 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   146 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   147 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   148 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   149 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   150 0.00000E+00-9.00000E-01 0.00000E+00 4.50000E-01 0.00000E+00 0.00000E+00
   151 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   152 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   153 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   154 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   155 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   156 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 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 1.75800E-07 0.00000E+00 0.00000E+00
   160 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   161 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
```

STAAD SPACE   -- PAGE NO.   143

APPLIED JOINT EQUIVALENT LOADS
JOINT   FORCE-X   FORCE-Y   FORCE-Z   MOM-X   MOM-Y   MOM-Z
  162 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
  163 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
  164 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
  165 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
  166 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
  167 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  168 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  169 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  170 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  171 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  172 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  173 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  174 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
  175 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  176 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  177 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  178 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  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 0.00000E+00 0.00000E+00 0.00000E+00
  184 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  185 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  186 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  187 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  188 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  189 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  190 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  191 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  192 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  193 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  194 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  195 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
  196 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
  197 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  198 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  199 0.00000E+00-9.00000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
  200 0.00000E+00-9.00000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
  201 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  202 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
  203 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  204 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  205 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  206 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  207 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  208 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  209 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
  210 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
  211 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  212 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
  213 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  214 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00

STAAD SPACE   -- PAGE NO. 144

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X      FORCE-Y      FORCE-Z       MOM-X       MOM-Y       MOM-Z
   215 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
   216 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
   217 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
   218 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
   219 0.00000E+00-3.00000E-01 0.00000E+00 1.50000E-01 0.00000E+00 0.00000E+00
   220 0.00000E+00-3.00000E-01 0.00000E+00 1.50000E-01 0.00000E+00 0.00000E+00
   281 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   282 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   283 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   284 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   285 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   286 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   287 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   288 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   289 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   290 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   291 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   292 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   293 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   294 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   295 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   296 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   297 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   298 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   299 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   300 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   301 0.00000E+00-3.00000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   302 0.00000E+00-3.00000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   303 0.00000E+00-3.00000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   304 0.00000E+00-3.00000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   305 0.00000E+00-3.00000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   306 0.00000E+00-3.00000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   307 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   308 0.00000E+00-2.25000E+00 0.00000E+00 1.12500E+00 0.00000E+00 0.00000E+00
   309 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   310 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   311 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   312 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   313 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   314 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   315 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   316 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   317 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   318 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   319 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   320 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   321 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   322 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   323 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   324 0.00000E+00-3.00000E+00 0.00000E+00 5.27401E-07 0.00000E+00 0.00000E+00
   325 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
   326 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
   327 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
```

STAAD SPACE   -- PAGE NO. 145

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X      FORCE-Y      FORCE-Z       MOM-X        MOM-Y        MOM-Z
   328 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
   329 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
   330 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
   331 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
   332 0.00000E+00-3.00000E+00 0.00000E+00-5.27401E-07 0.00000E+00 0.00000E+00
   333 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   334 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   335 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   336 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   337 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   338 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   339 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   340 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   341 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   342 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   343 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   344 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   345 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   346 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   347 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   348 0.00000E+00-3.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   349 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   350 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   351 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   352 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   353 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   354 0.00000E+00-1.50000E+00 0.00000E+00 1.50000E+00 0.00000E+00 0.00000E+00
   355 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   356 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   357 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   358 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   359 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   360 0.00000E+00-3.00000E+00 0.00000E+00 1.40640E-06 0.00000E+00 0.00000E+00
   361 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   362 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   363 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   364 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   365 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   366 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   369 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   370 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   373 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   374 0.00000E+00-1.50000E+00 0.00000E+00-1.50000E+00 0.00000E+00 0.00000E+00
   375 0.00000E+00-7.50000E-01 0.00000E+00-3.75000E-01 0.00000E+00 0.00000E+00
   376 0.00000E+00-7.50000E-01 0.00000E+00-3.75000E-01 0.00000E+00 0.00000E+00
   481 0.00000E+00-1.50000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
   482 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
   483 0.00000E+00-4.50000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
   484 0.00000E+00-1.50000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
   485 0.00000E+00-1.50000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
   486 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
   487 0.00000E+00-1.50000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
   488 0.00000E+00-4.50000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
489	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
490	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
491	0.00000E+00	-3.75000E-01	0.00000E+00	1.87500E-01	0.00000E+00	0.00000E+00
492	0.00000E+00	-7.50000E-01	0.00000E+00	-3.75000E-01	0.00000E+00	0.00000E+00
493	0.00000E+00	-3.75000E-01	0.00000E+00	1.87500E-01	0.00000E+00	0.00000E+00
494	0.00000E+00	-1.12500E+00	0.00000E+00	1.87500E-01	0.00000E+00	0.00000E+00
495	0.00000E+00	-7.50000E-01	0.00000E+00	3.75000E-01	0.00000E+00	0.00000E+00
498	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
499	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
500	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
501	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
502	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
503	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
504	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
505	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
506	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
507	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
508	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
509	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
510	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
511	0.00000E+00	-6.24999E-02	0.00000E+00	0.00000E+00	0.00000E+00	5.20831E-03
512	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
513	0.00000E+00	-6.25001E-02	0.00000E+00	0.00000E+00	0.00000E+00	-5.20834E-03
514	0.00000E+00	-8.39831E-01	0.00000E+00	-6.33332E-02	0.00000E+00	0.00000E+00
515	0.00000E+00	-8.39831E-01	0.00000E+00	6.33334E-02	0.00000E+00	0.00000E+00
516	0.00000E+00	-8.77500E-01	0.00000E+00	-6.33332E-02	0.00000E+00	4.68750E-02
517	0.00000E+00	-8.77500E-01	0.00000E+00	6.33334E-02	0.00000E+00	4.68750E-02
518	0.00000E+00	-8.39831E-01	0.00000E+00	-6.33335E-02	0.00000E+00	0.00000E+00
519	0.00000E+00	-8.39831E-01	0.00000E+00	6.33335E-02	0.00000E+00	0.00000E+00
520	0.00000E+00	-8.77500E-01	0.00000E+00	-6.33335E-02	0.00000E+00	4.68750E-02
521	0.00000E+00	-8.77500E-01	0.00000E+00	6.33335E-02	0.00000E+00	4.68750E-02
522	0.00000E+00	-8.39831E-01	0.00000E+00	-6.33335E-02	0.00000E+00	0.00000E+00
523	0.00000E+00	-8.39831E-01	0.00000E+00	6.33337E-02	0.00000E+00	0.00000E+00
524	0.00000E+00	-8.77500E-01	0.00000E+00	-6.33335E-02	0.00000E+00	4.68750E-02
525	0.00000E+00	-8.77500E-01	0.00000E+00	6.33337E-02	0.00000E+00	4.68750E-02
526	0.00000E+00	-8.39831E-01	0.00000E+00	-6.33330E-02	0.00000E+00	0.00000E+00
527	0.00000E+00	-8.39831E-01	0.00000E+00	6.33330E-02	0.00000E+00	0.00000E+00
528	0.00000E+00	-8.77500E-01	0.00000E+00	-6.33330E-02	0.00000E+00	4.68750E-02
529	0.00000E+00	-8.77500E-01	0.00000E+00	6.33330E-02	0.00000E+00	4.68750E-02
530	0.00000E+00	-3.80000E-01	0.00000E+00	1.26667E-01	0.00000E+00	0.00000E+00
531	0.00000E+00	-6.67669E-01	0.00000E+00	-1.26667E-01	0.00000E+00	5.12955E-02
534	0.00000E+00	-6.67669E-01	0.00000E+00	1.26667E-01	0.00000E+00	5.12955E-02
535	0.00000E+00	-7.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
538	0.00000E+00	-6.67669E-01	0.00000E+00	-1.26667E-01	0.00000E+00	5.12955E-02
540	0.00000E+00	-6.67669E-01	0.00000E+00	1.26667E-01	0.00000E+00	5.12955E-02
542	0.00000E+00	-7.60000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
544	0.00000E+00	-6.67669E-01	0.00000E+00	-1.26667E-01	0.00000E+00	5.12955E-02
546	0.00000E+00	-6.67669E-01	0.00000E+00	1.26667E-01	0.00000E+00	5.12955E-02
548	0.00000E+00	-9.50000E-01	0.00000E+00	1.58333E-01	0.00000E+00	0.00000E+00
550	0.00000E+00	-3.80000E-01	0.00000E+00	1.26667E-01	0.00000E+00	0.00000E+00
552	0.00000E+00	-6.67669E-01	0.00000E+00	-1.26667E-01	0.00000E+00	5.12955E-02
554	0.00000E+00	-6.67669E-01	0.00000E+00	1.26667E-01	0.00000E+00	5.12955E-02
556	0.00000E+00	-3.80000E-01	0.00000E+00	-1.26667E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X     FORCE-Y     FORCE-Z      MOM-X       MOM-Y       MOM-Z
  558 0.00000E+00-1.41000E+00 0.00000E+00 4.50000E-02 0.00000E+00 0.00000E+00
  559 0.00000E+00-1.41000E+00 0.00000E+00 4.50000E-02 0.00000E+00 0.00000E+00
  560 0.00000E+00-7.50000E-01 0.00000E+00 3.75000E-01 0.00000E+00 0.00000E+00
  561 0.00000E+00-7.50000E-01 0.00000E+00 3.75000E-01 0.00000E+00 0.00000E+00
  562 0.00000E+00-1.50000E+00 0.00000E+00-1.25000E+00 0.00000E+00 0.00000E+00
  563 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  564 0.00000E+00-6.30000E-01 0.00000E+00-1.26667E-01 0.00000E+00-4.16667E-02
  565 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  566 0.00000E+00-3.80000E-01 0.00000E+00-1.26667E-01 0.00000E+00 0.00000E+00
  567 0.00000E+00-7.60000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  568 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  569 0.00000E+00-3.80000E-01 0.00000E+00-1.26667E-01 0.00000E+00 0.00000E+00
  570 0.00000E+00-7.60000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  571 0.00000E+00-6.30000E-01 0.00000E+00 1.26667E-01 0.00000E+00-4.16667E-02
  572 0.00000E+00-6.30000E-01 0.00000E+00-1.26667E-01 0.00000E+00-4.16667E-02
  573 0.00000E+00-7.60000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  574 0.00000E+00-6.30000E-01 0.00000E+00 1.26667E-01 0.00000E+00-4.16667E-02
  575 0.00000E+00-6.30000E-01 0.00000E+00-1.26667E-01 0.00000E+00-4.16667E-02
  576 0.00000E+00-7.60000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
  577 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  578 0.00000E+00-3.80000E-01 0.00000E+00-1.26667E-01 0.00000E+00 0.00000E+00
  579 0.00000E+00-9.50000E-01 0.00000E+00 1.58333E-01 0.00000E+00 0.00000E+00
  580 0.00000E+00-6.30000E-01 0.00000E+00 1.26667E-01 0.00000E+00-4.16667E-02
  581 0.00000E+00-5.70000E-01 0.00000E+00-2.85000E-01 0.00000E+00 0.00000E+00
  582 0.00000E+00-9.50000E-01 0.00000E+00 1.58333E-01 0.00000E+00 0.00000E+00
  583 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  584 0.00000E+00-5.70000E-01 0.00000E+00-2.85000E-01 0.00000E+00 0.00000E+00
  585 0.00000E+00-5.70000E-01 0.00000E+00-2.85000E-01 0.00000E+00 0.00000E+00
  586 0.00000E+00-3.80000E-01 0.00000E+00-1.26667E-01 0.00000E+00 0.00000E+00
  587 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  588 0.00000E+00-3.80000E-01 0.00000E+00-1.26667E-01 0.00000E+00 0.00000E+00
  589 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  590 0.00000E+00-3.80000E-01 0.00000E+00-1.26667E-01 0.00000E+00 0.00000E+00
  591 0.00000E+00-3.80000E-01 0.00000E+00 1.26667E-01 0.00000E+00 0.00000E+00
  592 0.00000E+00-6.30000E-01 0.00000E+00-1.26667E-01 0.00000E+00-4.16667E-02
  593 0.00000E+00-6.30000E-01 0.00000E+00 1.26667E-01 0.00000E+00-4.16667E-02
  594 0.00000E+00-1.14000E+00 0.00000E+00 1.14000E+00 0.00000E+00 0.00000E+00
  595 0.00000E+00-1.14000E+00 0.00000E+00-1.14000E+00 0.00000E+00 0.00000E+00
  596 0.00000E+00-5.70000E-01 0.00000E+00 2.85000E-01 0.00000E+00 0.00000E+00
  597 0.00000E+00-2.85000E-01 0.00000E+00-1.42500E-01 0.00000E+00 0.00000E+00
  598 0.00000E+00-8.55000E-01 0.00000E+00-1.42500E-01 0.00000E+00 0.00000E+00
  599 0.00000E+00-1.03500E+00 0.00000E+00-1.42500E-01 0.00000E+00 0.00000E+00
  600 0.00000E+00-5.70000E-01 0.00000E+00 2.85000E-01 0.00000E+00 0.00000E+00
  601 0.00000E+00-5.70000E-01 0.00000E+00-2.85000E-01 0.00000E+00 0.00000E+00
  606 0.00000E+00-6.00000E-01 0.00000E+00 2.96663E-07 0.00000E+00 0.00000E+00
  607 0.00000E+00-6.00000E-01 0.00000E+00 2.96663E-07 0.00000E+00 0.00000E+00
  608 0.00000E+00-6.00000E-01 0.00000E+00 2.96663E-07 0.00000E+00 0.00000E+00
```

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

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

                    X =  0.148862150E+02
                    Y =  0.418928478E+01
                    Z =  0.270619388E+02

 ***TOTAL APPLIED LOAD ( MTON METE ) SUMMARY (LOADING    3 )
     SUMMATION FORCE-X =            0.00
     SUMMATION FORCE-Y =         -538.12
     SUMMATION FORCE-Z =            0.00

   SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=       14562.57  MY=           0.00  MZ=       -8010.57


 ***TOTAL REACTION LOAD( MTON METE ) SUMMARY (LOADING    3 )
     SUMMATION FORCE-X =            0.00
     SUMMATION FORCE-Y =          538.12
     SUMMATION FORCE-Z =            0.00

   SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=      -14562.57  MY=          -0.00  MZ=        8010.57


   MAXIMUM DISPLACEMENTS (   CM  /RADIANS) (LOADING      3)
           MAXIMUMS      AT NODE
    X =  1.85239E-02       96
    Y = -5.22452E-01      345
    Z =  1.66010E-02       11
    RX= -2.00187E-03      357
    RY=  3.85562E-05      529
    RZ= -7.09435E-04      585




   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
    2       0.00       -0.30        0.00        0.30        0.00        0.00
            0.36        0.30        0.09       -0.30        0.00       -0.00  000000

    3       0.00       -0.60        0.00        0.60        0.00        0.00
           -0.03        0.60        0.21       -0.60        0.00        0.00  000000

    5       0.00       -0.60        0.00        0.60        0.00        0.00
           -0.00        0.60        0.21       -0.60        0.00        0.00  000000

    7       0.00       -0.60        0.00        0.60        0.00        0.00
            0.02        0.60        0.21       -0.60        0.00       -0.00  000000

    9       0.00       -0.60        0.00        0.60        0.00        0.00
            0.09        0.60        0.20       -0.60       -0.00       -0.00  000000

   11       0.00       -0.30        0.00        0.30        0.00        0.00
           -0.38        0.30        0.09       -0.30        0.00        0.00  000000

   13       0.00       -1.50        0.00        0.00        0.00        0.00
            0.11        1.50        0.01       -0.00       -0.00        0.00  000000
```

```
     STAAD SPACE                                              -- PAGE NO.  149

   14      0.00      -0.30       0.00      -0.30       0.00       0.00
           0.60       0.30      -0.12       0.30       0.00       0.00   000000

   15      0.00      -1.20       0.00       0.00       0.00       0.00
           0.07       1.20      -0.13      -0.00       0.00       0.00   000000

   17      0.00      -1.20       0.00       0.00       0.00       0.00
           0.13       1.20      -0.13      -0.00       0.00       0.00   000000

   19      0.00      -1.20       0.00       0.00       0.00       0.00
          -0.09       1.20      -0.13      -0.00       0.00       0.00   000000

   21      0.00      -1.20       0.00       0.00       0.00       0.00
          -0.17       1.20      -0.13      -0.00      -0.00      -0.00   000000

   23      0.00      -0.30       0.00      -0.30       0.00       0.00
          -0.40       0.30      -0.15       0.30       0.00       0.00   000000

   26      0.00      -0.45       0.00       0.23       0.00       0.00
           0.61       0.45       0.68      -0.23       0.00      -0.00   000000

   27      0.00      -1.20       0.00       0.00       0.00       0.00
           0.03       1.20       1.50      -0.00       0.00      -0.00   000000

   28      0.00      -3.00       0.00       0.00       0.00       0.00
          -0.10       3.00      -0.15      -0.00       0.03      -0.00   000000

   29      0.00      -0.90       0.00      -0.30       0.00       0.00
          -0.40       0.90       1.30       0.30       0.00       0.00   000000

   30      0.00      -1.94       0.00      -1.35       0.00       0.00
           0.13       1.94       0.03       1.35       0.03       0.00   000000

   31      0.00      -0.90       0.00      -0.30       0.00       0.00
           0.43       0.90       1.34       0.30       0.00       0.00   000000

   32      0.00      -1.94       0.00      -1.35       0.00       0.00
          -0.12       1.94       0.02       1.35       0.04       0.00   000000

   33      0.00      -1.20       0.00       0.00       0.00       0.00
          -0.07       1.20       1.51      -0.00      -0.00      -0.00   000000

   35      0.00      -0.45       0.00       0.23       0.00       0.00
          -0.55       0.45       0.72      -0.23       0.00      -0.00   000000

   38      0.00      -0.60       0.00       0.00       0.00       0.00
           0.38       0.60      -0.17       0.00       0.00       0.00   000000

   39      0.00      -1.20       0.00       0.00       0.00       0.00
           0.07       1.20      -0.12       0.00      -0.00       0.00   000000

   41      0.00      -0.60       0.00       0.00       0.00       0.00
          -0.19       0.60      -0.13       0.00      -0.00       0.00   000000

   43      0.00      -0.60       0.00       0.00       0.00       0.00
          -0.06       0.60      -0.14       0.00       0.01       0.00   000000

   45      0.00      -1.20       0.00       0.00       0.00       0.00
          -0.02       1.20      -0.20       0.00      -0.01       0.00   000000

   47      0.00      -0.60       0.00       0.00       0.00       0.00
          -0.33       0.60      -0.17      -0.00       0.00      -0.00   000000

   49      0.00      -1.50       0.00       0.00       0.00       0.00
          -0.01       1.50       0.21      -0.00       0.02      -0.00   000000

   50      0.00      -0.60       0.00       0.00       0.00       0.00
```

STAAD SPACE   -- PAGE NO. 150

57	0.00	-1.20	0.00	0.00	0.00	0.00	
	-0.01	1.20	-0.54	-0.00	-0.01	0.00	000000
58	0.00	-3.00	0.00	0.00	0.00	0.00	
	0.11	3.00	0.04	-0.00	0.01	0.00	000000
59	0.00	-0.60	0.00	0.00	0.00	0.00	
	-0.66	0.60	-0.35	-0.00	0.00	0.00	000000
60	0.00	-1.50	0.00	0.00	0.00	0.00	
	0.05	1.50	0.22	-0.00	0.02	-0.00	000000
62	0.00	-0.60	0.00	-0.00	0.00	0.00	
	0.32	0.60	-0.05	0.00	0.00	0.00	000000
63	0.00	-1.20	0.00	-0.00	0.00	0.00	
	0.11	1.20	-0.06	0.00	0.00	0.00	000000
65	0.00	-0.45	0.00	-0.23	0.00	0.00	
	-0.11	0.45	0.09	0.23	0.00	-0.00	000000
67	0.00	-0.45	0.00	-0.23	0.00	0.00	
	-0.25	0.45	0.07	0.23	0.01	0.00	000000
71	0.00	-0.60	0.00	-0.00	0.00	0.00	
	-0.26	0.60	-0.05	0.00	0.00	-0.00	000000
74	0.00	-0.60	0.00	0.00	0.00	0.00	
	0.75	0.60	0.08	-0.00	0.00	-0.00	000000
75	0.00	-1.20	0.00	0.00	0.00	0.00	
	-0.01	1.20	0.25	-0.00	0.00	-0.00	000000
77	0.00	-0.60	0.00	0.15	0.00	0.00	
	-0.60	0.60	0.38	-0.15	0.00	-0.00	000000
78	0.00	-1.19	0.00	-0.23	0.00	0.00	
	0.20	1.19	-0.19	0.23	0.01	0.00	000000
79	0.00	-0.60	0.00	0.15	0.00	0.00	
	0.63	0.60	0.54	-0.15	0.00	-0.00	000000
80	0.00	-1.19	0.00	-0.23	0.00	0.00	
	-0.15	1.19	-0.23	0.23	0.04	0.00	000000
81	0.00	-1.20	0.00	0.00	0.00	0.00	
	0.03	1.20	0.37	-0.00	-0.00	-0.00	000000
83	0.00	-0.60	0.00	0.00	0.00	0.00	
	-0.74	0.60	0.08	0.00	0.00	0.00	000000
84	0.00	-1.50	0.00	0.00	0.00	0.00	
	0.14	1.50	-0.03	0.00	0.01	-0.00	000000
86	0.00	-0.60	0.00	0.00	0.00	0.00	
	0.32	0.60	0.01	-0.00	0.00	-0.00	000000
87	0.00	-1.20	0.00	0.00	0.00	0.00	
	0.10	1.20	0.11	-0.00	0.00	-0.00	000000
91	0.00	-0.90	0.00	0.30	0.00	0.00	
	-0.37	0.90	0.06	-0.30	0.01	0.00	000000
93	0.00	-1.20	0.00	0.00	0.00	0.00	
	-0.06	1.20	0.11	0.00	-0.01	-0.00	000000
95	0.00	-0.60	0.00	0.00	0.00	0.00	

104	0.00	-2.07	0.00	-0.93	0.00	0.00
	-0.10	2.07	0.03	0.93	-0.06	-0.00	000000
105	0.00	-0.90	0.00	-0.45	0.00	0.00
	0.34	0.90	-1.23	0.45	-0.02	0.00	000000
107	0.00	-0.60	0.00	0.00	0.00	0.00
	-0.90	0.60	-0.50	-0.00	0.00	0.00	000000
108	0.00	-1.50	0.00	0.00	0.00	0.00
	0.10	1.50	-0.02	-0.00	-0.07	0.00	000000
110	0.00	-0.30	0.00	-0.30	0.00	0.00
	0.28	0.30	-0.06	0.30	0.00	0.00	000000
111	0.00	-0.60	0.00	-0.60	0.00	0.00
	-0.00	0.60	-0.12	0.60	0.00	-0.00	000000
113	0.00	-0.60	0.00	-0.60	0.00	0.00
	0.04	0.60	-0.12	0.60	0.00	-0.00	000000
115	0.00	-0.60	0.00	-0.60	0.00	0.00
	-0.12	0.60	-0.03	0.60	0.00	-0.00	000000
117	0.00	-0.30	0.00	-0.15	0.00	0.00
	0.21	0.30	-0.09	0.15	-0.00	0.00	000000
119	0.00	-0.30	0.00	-0.30	0.00	0.00
	-0.26	0.30	-0.06	0.30	0.00	0.00	000000
213	0.00	-3.00	0.00	0.00	0.00	0.00
	-0.17	3.00	-0.02	0.00	-0.00	0.00	000000
439	0.00	0.00	0.00	0.00	0.00	0.00
	-0.26	-2.70	-0.06	-0.03	-0.00	0.23	111111
440	0.00	0.00	0.00	0.00	0.00	0.00
	-0.70	-5.16	0.11	0.15	-0.00	0.62	111111
441	0.00	0.00	0.00	0.00	0.00	0.00
	-0.59	-8.76	-0.62	-0.44	-0.00	0.60	111111
442	0.00	0.00	0.00	0.00	0.00	0.00
	-0.65	-12.24	0.21	0.29	-0.00	0.66	111111
443	0.00	0.00	0.00	0.00	0.00	0.00
	-0.64	-12.23	-0.03	0.08	-0.00	0.65	111111
444	0.00	0.00	0.00	0.00	0.00	0.00
	-0.78	-9.78	0.53	0.58	-0.00	0.69	111111
445	0.00	0.00	0.00	0.00	0.00	0.00
	-0.23	-1.98	0.04	0.07	-0.00	0.21	111111
446	0.00	0.00	0.00	0.00	0.00	0.00
	0.35	-2.97	-0.07	-0.03	-0.00	-0.31	111111
447	0.00	0.00	0.00	0.00	0.00	0.00
	0.35	-3.06	0.17	0.21	-0.00	-0.31	111111
448	0.00	0.00	0.00	0.00	0.00	0.00
	0.49	-8.21	-0.68	-0.49	-0.00	-0.50	111111
449	0.00	0.00	0.00	0.00	0.00	0.00
	0.65	-12.23	0.24	0.32	-0.00	-0.66	111111
450	0.00	0.00	0.00	0.00	0.00	0.00

```
   STAAD SPACE                                          -- PAGE NO.  152

  456      0.00       0.00       0.00       0.00       0.00       0.00
          -0.07      -5.90      -0.16      -0.13      -0.00       0.06  111111

  457      0.00       0.00       0.00       0.00       0.00       0.00
           0.02      -4.29       0.10       0.14      -0.00      -0.02  111111

  458      0.00       0.00       0.00       0.00       0.00       0.00
          -0.01      -4.27       0.10       0.14      -0.00       0.02  111111

  459      0.00       0.00       0.00       0.00       0.00       0.00
           0.11      -2.70      -0.05      -0.02      -0.00      -0.09  111111

  460      0.00       0.00       0.00       0.00       0.00       0.00
          -0.13      -2.59       0.06       0.09      -0.00       0.12  111111

  461      0.00       0.00       0.00       0.00       0.00       0.00
          -0.11     -13.42       0.15       0.19      -0.00       0.10  111111

  462      0.00       0.00       0.00       0.00       0.00       0.00
           0.10     -13.48       0.15       0.19      -0.00      -0.08  111111

  463      0.00       0.00       0.00       0.00       0.00       0.00
           0.08     -19.85      -1.30      -0.98      -0.00      -0.08  111111

  464      0.00       0.00       0.00       0.00       0.00       0.00
           0.29     -15.82      -1.27      -0.96      -0.00      -0.29  111111

  465      0.00       0.00       0.00       0.00       0.00       0.00
          -0.30     -16.03      -1.31      -0.99      -0.00       0.30  111111

  466      0.00       0.00       0.00       0.00       0.00       0.00
           0.04     -19.46      -1.34      -1.01      -0.00      -0.04  111111

  467      0.00       0.00       0.00       0.00       0.00       0.00
           0.08     -27.22       0.46       0.56      -0.00      -0.08  111111

  468      0.00       0.00       0.00       0.00       0.00       0.00
           0.16     -20.93       0.19       0.27      -0.00      -0.17  111111

  469      0.00       0.00       0.00       0.00       0.00       0.00
          -0.17     -21.29       0.18       0.27      -0.00       0.17  111111

  470      0.00       0.00       0.00       0.00       0.00       0.00
          -0.06     -27.49       0.62       0.71      -0.00       0.07  111111

  471      0.00       0.00       0.00       0.00       0.00       0.00
           0.05     -27.25      -0.25      -0.06      -0.00      -0.05  111111

  472      0.00       0.00       0.00       0.00       0.00       0.00
           0.44     -21.91      -0.27      -0.08      -0.00      -0.45  111111

  473      0.00       0.00       0.00       0.00       0.00       0.00
          -0.43     -22.68      -0.39      -0.19      -0.00       0.44  111111

  474      0.00       0.00       0.00       0.00       0.00       0.00
          -0.06     -27.63      -0.36      -0.15      -0.00       0.06  111111

  475      0.00       0.00       0.00       0.00       0.00       0.00
           0.14     -20.76       1.02       1.10      -0.00      -0.12  111111

  476      0.00       0.00       0.00       0.00       0.00       0.00
           0.04     -20.04       0.99       1.07      -0.00      -0.03  111111

  477      0.00       0.00       0.00       0.00       0.00       0.00
           0.27     -17.80       1.22       1.30      -0.00      -0.23  111111

  478      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
1	0.00000E+00	-5.40000E-01	0.00000E+00	5.40000E-01	0.00000E+00	0.00000E+00
2	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
3	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
4	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
5	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
6	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
7	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
8	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
10	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
11	0.00000E+00	-2.10000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
12	0.00000E+00	-5.40000E-01	0.00000E+00	5.40000E-01	0.00000E+00	0.00000E+00
13	0.00000E+00	-1.08000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
14	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
15	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
17	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
18	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
19	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
20	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
21	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
23	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
24	0.00000E+00	-5.40000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00
25	0.00000E+00	-1.08000E+00	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
26	0.00000E+00	-3.15000E-01	0.00000E+00	1.57500E-01	0.00000E+00	0.00000E+00
27	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
28	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
29	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
30	0.00000E+00	-1.40000E+00	0.00000E+00	-9.73333E-01	0.00000E+00	0.00000E+00
31	0.00000E+00	-6.30000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
32	0.00000E+00	-1.40000E+00	0.00000E+00	-9.73333E-01	0.00000E+00	0.00000E+00
33	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
34	0.00000E+00	-2.16000E+00	0.00000E+00	2.63700E-07	0.00000E+00	0.00000E+00
35	0.00000E+00	-3.15000E-01	0.00000E+00	1.57500E-01	0.00000E+00	0.00000E+00
36	0.00000E+00	-8.10000E-01	0.00000E+00	4.05000E-01	0.00000E+00	0.00000E+00
37	0.00000E+00	-1.08000E+00	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
38	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
39	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
40	0.00000E+00	-2.07000E+00	0.00000E+00	-1.72500E-01	0.00000E+00	0.00000E+00
41	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
42	0.00000E+00	-6.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
44	0.00000E+00	-6.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
46	0.00000E+00	-2.16000E+00	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
47	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	0.00000E+00	0.00000E+00
48	0.00000E+00	-1.08000E+00	0.00000E+00	-4.39501E-08	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
50	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
51	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
52	0.00000E+00	-1.17000E+00	0.00000E+00	1.07250E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
54	0.00000E+00	-6.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
56	0.00000E+00	-6.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
57	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
58	0.00000E+00	-2.16000E+00	0.00000E+00	4.39501E-07	0.00000E+00	0.00000E+00
59	0.00000E+00	-4.20000E-01	0.00000E+00	6.59251E-08	0.00000E+00	0.00000E+00
60	0.00000E+00	-1.08000E+00	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
61	0.00000E+00	-1.08000E+00	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
62	0.00000E+00	-4.20000E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
63	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
64	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
65	0.00000E+00	-3.15000E-01	0.00000E+00	-1.57500E-01	0.00000E+00	0.00000E+00
66	0.00000E+00	-8.00000E-01	0.00000E+00	1.33333E-01	0.00000E+00	0.00000E+00
67	0.00000E+00	-3.15000E-01	0.00000E+00	-1.57500E-01	0.00000E+00	0.00000E+00
68	0.00000E+00	-8.00000E-01	0.00000E+00	1.33333E-01	0.00000E+00	0.00000E+00
69	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
70	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
71	0.00000E+00	-4.20000E-01	0.00000E+00	-6.59251E-08	0.00000E+00	0.00000E+00
72	0.00000E+00	-1.08000E+00	0.00000E+00	-2.19750E-07	0.00000E+00	0.00000E+00
73	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
74	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	-4.20000E-01	0.00000E+00	1.05000E-01	0.00000E+00	0.00000E+00
78	0.00000E+00	-8.60000E-01	0.00000E+00	-1.63333E-01	0.00000E+00	0.00000E+00
79	0.00000E+00	-4.20000E-01	0.00000E+00	1.05000E-01	0.00000E+00	0.00000E+00
80	0.00000E+00	-8.60000E-01	0.00000E+00	-1.63333E-01	0.00000E+00	0.00000E+00
81	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
83	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	-6.30000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
90	0.00000E+00	-1.40000E+00	0.00000E+00	9.73333E-01	0.00000E+00	0.00000E+00
91	0.00000E+00	-6.30000E-01	0.00000E+00	2.10000E-01	0.00000E+00	0.00000E+00
92	0.00000E+00	-1.40000E+00	0.00000E+00	9.73333E-01	0.00000E+00	0.00000E+00
93	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-1.08000E+00	0.00000E+00	5.27401E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-4.20000E-01	0.00000E+00	1.97775E-07	0.00000E+00	0.00000E+00
99	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
100	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
101	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
102	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
103	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
104	0.00000E+00	-2.04000E+00	0.00000E+00	-1.19999E-01	0.00000E+00	0.00000E+00
105	0.00000E+00	-6.30000E-01	0.00000E+00	-3.15000E-01	0.00000E+00	0.00000E+00
106	0.00000E+00	-1.56000E+00	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00
107	0.00000E+00	-4.20000E-01	0.00000E+00	1.97775E-07	0.00000E+00	0.00000E+00
108	0.00000E+00	-1.08000E+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
109	0.00000E+00	-5.40000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00
110	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
111	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	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	-4.20000E-01	0.00000E+00	-4.20000E-01	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	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
116	0.00000E+00	-9.60000E-01	0.00000E+00	-9.60001E-01	0.00000E+00	0.00000E+00
117	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
118	0.00000E+00	-2.70000E-01	0.00000E+00	-1.35000E-01	0.00000E+00	0.00000E+00
119	0.00000E+00	-2.10000E-01	0.00000E+00	-2.10000E-01	0.00000E+00	0.00000E+00
120	0.00000E+00	-5.40000E-01	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00
121	0.00000E+00	-3.15000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
122	0.00000E+00	-3.15000E-01	0.00000E+00	5.25000E-02	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	-4.20000E-01	0.00000E+00	4.20000E-01	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
126	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
127	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
128	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
129	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
130	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
131	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
132	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
133	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
134	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
135	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
136	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
137	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
138	0.00000E+00	-8.40000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
139	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
140	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
141	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
142	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
143	0.00000E+00	-6.30000E-01	0.00000E+00	3.15000E-01	0.00000E+00	0.00000E+00
144	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
145	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
146	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
147	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
148	0.00000E+00	-8.40000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
149	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
150	0.00000E+00	-6.30000E-01	0.00000E+00	3.15000E-01	0.00000E+00	0.00000E+00
151	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
152	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
153	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
154	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
155	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
156	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
157	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
158	0.00000E+00	-8.40000E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
159	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
160	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
161	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
162	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
163	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
164	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
165	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
166	0.00000E+00	-8.40000E-01	0.00000E+00	1.31850E-07	0.00000E+00	0.00000E+00
167	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
168	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
169	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
170	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
171	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
172	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
173	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
174	0.00000E+00	-8.40000E-01	0.00000E+00	-1.31850E-07	0.00000E+00	0.00000E+00
175	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
178	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
179	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
184	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
185	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
186	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
187	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
190	0.00000E+00	-8.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
192	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
193	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
194	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
195	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
196	0.00000E+00	-4.20000E-01	0.00000E+00	4.20000E-01	0.00000E+00	0.00000E+00
197	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
198	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
199	0.00000E+00	-6.30000E-01	0.00000E+00	-3.15000E-01	0.00000E+00	0.00000E+00
200	0.00000E+00	-6.30000E-01	0.00000E+00	-3.15000E-01	0.00000E+00	0.00000E+00
201	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
202	0.00000E+00	-8.40000E-01	0.00000E+00	3.95551E-07	0.00000E+00	0.00000E+00
203	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
204	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
205	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
206	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
207	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
208	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
209	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
210	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
211	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
212	0.00000E+00	-4.20000E-01	0.00000E+00	-4.20000E-01	0.00000E+00	0.00000E+00
213	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
214	0.00000E+00	-2.16000E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X   FORCE-Y   FORCE-Z   MOM-X   MOM-Y   MOM-Z
   215 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
   216 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
   217 0.00000E+00-2.10000E-01 0.00000E+00-1.05000E-01 0.00000E+00 0.00000E+00
   218 0.00000E+00-2.10000E-01 0.00000E+00-1.05000E-01 0.00000E+00 0.00000E+00
   219 0.00000E+00-2.10000E-01 0.00000E+00 1.05000E-01 0.00000E+00 0.00000E+00
   220 0.00000E+00-2.10000E-01 0.00000E+00 1.05000E-01 0.00000E+00 0.00000E+00
   281 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   282 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   283 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   284 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   285 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   286 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   287 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   288 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   289 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   290 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   291 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   292 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   293 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   294 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   295 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   296 0.00000E+00-2.16000E+00 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   297 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   298 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   299 0.00000E+00-1.08000E+00 0.00000E+00-1.08000E+00 0.00000E+00 0.00000E+00
   300 0.00000E+00-1.08000E+00 0.00000E+00-1.08000E+00 0.00000E+00 0.00000E+00
   301 0.00000E+00-2.16000E+00 0.00000E+00 2.63700E-07 0.00000E+00 0.00000E+00
   302 0.00000E+00-2.16000E+00 0.00000E+00 2.63700E-07 0.00000E+00 0.00000E+00
   303 0.00000E+00-2.16000E+00 0.00000E+00 2.63700E-07 0.00000E+00 0.00000E+00
   304 0.00000E+00-2.16000E+00 0.00000E+00 2.63700E-07 0.00000E+00 0.00000E+00
   305 0.00000E+00-2.16000E+00 0.00000E+00 2.63700E-07 0.00000E+00 0.00000E+00
   306 0.00000E+00-2.16000E+00 0.00000E+00 2.63700E-07 0.00000E+00 0.00000E+00
   307 0.00000E+00-1.08000E+00 0.00000E+00 1.08000E+00 0.00000E+00 0.00000E+00
   308 0.00000E+00-1.62000E+00 0.00000E+00 8.10000E-01 0.00000E+00 0.00000E+00
   309 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   310 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   311 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   312 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   313 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   314 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   315 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   316 0.00000E+00-2.16000E+00 0.00000E+00-8.79001E-08 0.00000E+00 0.00000E+00
   317 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   318 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   319 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   320 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   321 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   322 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   323 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   324 0.00000E+00-2.16000E+00 0.00000E+00 4.39501E-07 0.00000E+00 0.00000E+00
   325 0.00000E+00-2.16000E+00 0.00000E+00-4.39501E-07 0.00000E+00 0.00000E+00
   326 0.00000E+00-2.16000E+00 0.00000E+00-4.39501E-07 0.00000E+00 0.00000E+00
   327 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
328	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
329	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
330	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
331	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
332	0.00000E+00	-2.16000E+00	0.00000E+00	-4.39501E-07	0.00000E+00	0.00000E+00
333	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
337	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
340	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
341	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
342	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
345	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	-2.16000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
349	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
350	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
351	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
352	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
353	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
354	0.00000E+00	-1.08000E+00	0.00000E+00	1.08000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
356	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
357	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
358	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
359	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
360	0.00000E+00	-2.16000E+00	0.00000E+00	1.05480E-06	0.00000E+00	0.00000E+00
361	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
362	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
363	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
364	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
365	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
366	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
369	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
370	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
373	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
374	0.00000E+00	-1.08000E+00	0.00000E+00	-1.08000E+00	0.00000E+00	0.00000E+00
375	0.00000E+00	-5.40000E-01	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00
376	0.00000E+00	-5.40000E-01	0.00000E+00	-2.70000E-01	0.00000E+00	0.00000E+00
481	0.00000E+00	-1.05000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
482	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
483	0.00000E+00	-3.15000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
484	0.00000E+00	-1.05000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
485	0.00000E+00	-1.05000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
486	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
487	0.00000E+00	-1.05000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
488	0.00000E+00	-3.15000E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00

```
   STAAD SPACE                                           -- PAGE NO.  159


APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X      FORCE-Y      FORCE-Z       MOM-X        MOM-Y        MOM-Z
   489 0.00000E+00-2.10000E-01 0.00000E+00 1.05000E-01 0.00000E+00 0.00000E+00
   490 0.00000E+00-2.10000E-01 0.00000E+00 1.05000E-01 0.00000E+00 0.00000E+00
   491 0.00000E+00-2.70000E-01 0.00000E+00 1.35000E-01 0.00000E+00 0.00000E+00
   492 0.00000E+00-5.40000E-01 0.00000E+00-2.70000E-01 0.00000E+00 0.00000E+00
   493 0.00000E+00-2.70000E-01 0.00000E+00 1.35000E-01 0.00000E+00 0.00000E+00
   494 0.00000E+00-8.10000E-01 0.00000E+00 1.35000E-01 0.00000E+00 0.00000E+00
   495 0.00000E+00-5.40000E-01 0.00000E+00 2.70000E-01 0.00000E+00 0.00000E+00
   498 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   499 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   500 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   501 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   502 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   503 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   504 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   505 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   506 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   507 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   508 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   509 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   510 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   511 0.00000E+00-4.49999E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.74998E-03
   512 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   513 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00 0.00000E+00-3.75001E-03
   514 0.00000E+00-6.07878E-01 0.00000E+00-4.66666E-02 0.00000E+00 0.00000E+00
   515 0.00000E+00-6.07878E-01 0.00000E+00 4.66667E-02 0.00000E+00 0.00000E+00
   516 0.00000E+00-6.35000E-01 0.00000E+00-4.66666E-02 0.00000E+00 3.37500E-02
   517 0.00000E+00-6.35000E-01 0.00000E+00 4.66667E-02 0.00000E+00 3.37500E-02
   518 0.00000E+00-6.07878E-01 0.00000E+00-4.66668E-02 0.00000E+00 0.00000E+00
   519 0.00000E+00-6.07878E-01 0.00000E+00 4.66668E-02 0.00000E+00 0.00000E+00
   520 0.00000E+00-6.35000E-01 0.00000E+00-4.66668E-02 0.00000E+00 3.37500E-02
   521 0.00000E+00-6.35000E-01 0.00000E+00 4.66668E-02 0.00000E+00 3.37500E-02
   522 0.00000E+00-6.07878E-01 0.00000E+00-4.66668E-02 0.00000E+00 0.00000E+00
   523 0.00000E+00-6.07878E-01 0.00000E+00 4.66669E-02 0.00000E+00 0.00000E+00
   524 0.00000E+00-6.35000E-01 0.00000E+00-4.66668E-02 0.00000E+00 3.37500E-02
   525 0.00000E+00-6.35000E-01 0.00000E+00 4.66669E-02 0.00000E+00 3.37500E-02
   526 0.00000E+00-6.07878E-01 0.00000E+00-4.66664E-02 0.00000E+00 0.00000E+00
   527 0.00000E+00-6.07878E-01 0.00000E+00 4.66664E-02 0.00000E+00 0.00000E+00
   528 0.00000E+00-6.35000E-01 0.00000E+00-4.66664E-02 0.00000E+00 3.37500E-02
   529 0.00000E+00-6.35000E-01 0.00000E+00 4.66664E-02 0.00000E+00 3.37500E-02
   530 0.00000E+00-2.70000E-01 0.00000E+00 9.00000E-02 0.00000E+00 0.00000E+00
   531 0.00000E+00-4.77122E-01 0.00000E+00-9.00000E-02 0.00000E+00 3.69327E-02
   534 0.00000E+00-4.77122E-01 0.00000E+00 9.00000E-02 0.00000E+00 3.69327E-02
   535 0.00000E+00-5.40000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   538 0.00000E+00-4.77122E-01 0.00000E+00-9.00000E-02 0.00000E+00 3.69327E-02
   540 0.00000E+00-4.77122E-01 0.00000E+00 9.00000E-02 0.00000E+00 3.69327E-02
   542 0.00000E+00-5.40000E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   544 0.00000E+00-4.77122E-01 0.00000E+00-9.00000E-02 0.00000E+00 3.69327E-02
   546 0.00000E+00-4.77122E-01 0.00000E+00 9.00002E-02 0.00000E+00 3.69327E-02
   548 0.00000E+00-6.75000E-01 0.00000E+00 1.12500E-01 0.00000E+00 0.00000E+00
   550 0.00000E+00-2.70000E-01 0.00000E+00 8.99999E-02 0.00000E+00 0.00000E+00
   552 0.00000E+00-4.77122E-01 0.00000E+00-8.99999E-02 0.00000E+00 3.69327E-02
   554 0.00000E+00-4.77122E-01 0.00000E+00 8.99999E-02 0.00000E+00 3.69327E-02
   556 0.00000E+00-2.70000E-01 0.00000E+00-8.99999E-02 0.00000E+00 0.00000E+00
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
558	0.00000E+00	-1.02000E+00	0.00000E+00	3.00000E-02	0.00000E+00	0.00000E+00
559	0.00000E+00	-1.02000E+00	0.00000E+00	3.00000E-02	0.00000E+00	0.00000E+00
560	0.00000E+00	-5.40000E-01	0.00000E+00	2.70000E-01	0.00000E+00	0.00000E+00
561	0.00000E+00	-5.40000E-01	0.00000E+00	2.70000E-01	0.00000E+00	0.00000E+00
562	0.00000E+00	-1.08000E+00	0.00000E+00	-9.00000E-01	0.00000E+00	0.00000E+00
563	0.00000E+00	-2.70000E-01	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
564	0.00000E+00	-4.50000E-01	0.00000E+00	-9.00000E-02	0.00000E+00	-3.00000E-02
565	0.00000E+00	-2.70000E-01	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
566	0.00000E+00	-2.70000E-01	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
567	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
568	0.00000E+00	-2.70000E-01	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
569	0.00000E+00	-2.70000E-01	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
570	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
571	0.00000E+00	-4.50000E-01	0.00000E+00	9.00000E-02	0.00000E+00	-3.00000E-02
572	0.00000E+00	-4.50000E-01	0.00000E+00	-9.00000E-02	0.00000E+00	-3.00000E-02
573	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
574	0.00000E+00	-4.50000E-01	0.00000E+00	9.00000E-02	0.00000E+00	-3.00000E-02
575	0.00000E+00	-4.50000E-01	0.00000E+00	-9.00000E-02	0.00000E+00	-3.00000E-02
576	0.00000E+00	-5.40000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
577	0.00000E+00	-2.70000E-01	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
578	0.00000E+00	-2.70000E-01	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
579	0.00000E+00	-6.75000E-01	0.00000E+00	1.12500E-01	0.00000E+00	0.00000E+00
580	0.00000E+00	-4.50000E-01	0.00000E+00	9.00002E-02	0.00000E+00	-3.00000E-02
581	0.00000E+00	-4.05000E-01	0.00000E+00	-2.02500E-01	0.00000E+00	0.00000E+00
582	0.00000E+00	-6.75000E-01	0.00000E+00	1.12500E-01	0.00000E+00	0.00000E+00
583	0.00000E+00	-2.70000E-01	0.00000E+00	9.00002E-02	0.00000E+00	0.00000E+00
584	0.00000E+00	-4.05000E-01	0.00000E+00	-2.02500E-01	0.00000E+00	0.00000E+00
585	0.00000E+00	-4.05000E-01	0.00000E+00	-2.02500E-01	0.00000E+00	0.00000E+00
586	0.00000E+00	-2.70000E-01	0.00000E+00	-8.99999E-02	0.00000E+00	0.00000E+00
587	0.00000E+00	-2.70000E-01	0.00000E+00	8.99999E-02	0.00000E+00	0.00000E+00
588	0.00000E+00	-2.70000E-01	0.00000E+00	-8.99999E-02	0.00000E+00	0.00000E+00
589	0.00000E+00	-2.70000E-01	0.00000E+00	8.99999E-02	0.00000E+00	0.00000E+00
590	0.00000E+00	-2.70000E-01	0.00000E+00	-8.99999E-02	0.00000E+00	0.00000E+00
591	0.00000E+00	-2.70000E-01	0.00000E+00	8.99999E-02	0.00000E+00	0.00000E+00
592	0.00000E+00	-4.50000E-01	0.00000E+00	-8.99999E-02	0.00000E+00	-3.00000E-02
593	0.00000E+00	-4.50000E-01	0.00000E+00	8.99999E-02	0.00000E+00	-3.00000E-02
594	0.00000E+00	-8.10000E-01	0.00000E+00	8.10001E-01	0.00000E+00	0.00000E+00
595	0.00000E+00	-8.10000E-01	0.00000E+00	-8.10001E-01	0.00000E+00	0.00000E+00
596	0.00000E+00	-4.05000E-01	0.00000E+00	2.02500E-01	0.00000E+00	0.00000E+00
597	0.00000E+00	-2.10000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
598	0.00000E+00	-6.15000E-01	0.00000E+00	-9.74998E-02	0.00000E+00	0.00000E+00
599	0.00000E+00	-7.50000E-01	0.00000E+00	-1.05000E-01	0.00000E+00	0.00000E+00
600	0.00000E+00	-9.45000E-01	0.00000E+00	4.72500E-01	0.00000E+00	0.00000E+00
601	0.00000E+00	-9.45000E-01	0.00000E+00	-4.72500E-01	0.00000E+00	0.00000E+00
606	0.00000E+00	-4.20000E-01	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
607	0.00000E+00	-4.20000E-01	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00
608	0.00000E+00	-4.20000E-01	0.00000E+00	2.19750E-07	0.00000E+00	0.00000E+00

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

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


                    X =  0.149152024E+02
                    Y =  0.416249696E+01
                    Z =  0.271887378E+02


 ***TOTAL APPLIED LOAD ( MTON METE ) SUMMARY (LOADING    4 )
     SUMMATION FORCE-X =          0.00
     SUMMATION FORCE-Y =       -386.65
     SUMMATION FORCE-Z =          0.00


    SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=       10512.53  MY=          0.00  MZ=      -5766.96


 ***TOTAL REACTION LOAD( MTON METE ) SUMMARY (LOADING    4 )
     SUMMATION FORCE-X =          0.00
     SUMMATION FORCE-Y =        386.65
     SUMMATION FORCE-Z =          0.00


    SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=      -10512.53  MY=         -0.00  MZ=       5766.96


  MAXIMUM DISPLACEMENTS (  CM  /RADIANS) (LOADING     4)
            MAXIMUMS     AT NODE
   X =  1.32133E-02       96
   Y = -3.73551E-01      345
   Z =  1.18329E-02       11
   RX= -1.42868E-03      357
   RY=  2.77248E-05      529
   RZ= -5.07343E-04      585



 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
   2      0.00      -0.21       0.00       0.21       0.00       0.00
          0.26       0.21       0.07      -0.21       0.00       0.00  000000

   3      0.00      -0.42       0.00       0.42       0.00       0.00
         -0.02       0.42       0.15      -0.42       0.00      -0.00  000000

   5      0.00      -0.42       0.00       0.42       0.00       0.00
         -0.00       0.42       0.15      -0.42       0.00       0.00  000000

   7      0.00      -0.42       0.00       0.42       0.00       0.00
          0.02       0.42       0.15      -0.42       0.00       0.00  000000

   9      0.00      -0.42       0.00       0.42       0.00       0.00
          0.06       0.42       0.14      -0.42      -0.00       0.00  000000

  11      0.00      -0.21       0.00       0.21       0.00       0.00
         -0.27       0.21       0.06      -0.21       0.00      -0.00  000000

  14      0.00      -0.21       0.00      -0.21       0.00       0.00
          0.43       0.21      -0.09       0.21       0.00      -0.00  000000
```

21	0.00	-0.84	0.00	0.00	0.00	0.00	
	-0.12	0.84	-0.09	-0.00	-0.00	0.00	000000
23	0.00	-0.21	0.00	-0.21	0.00	0.00	
	-0.29	0.21	-0.11	0.21	0.00	-0.00	000000
26	0.00	-0.32	0.00	0.16	0.00	0.00	
	0.43	0.32	0.49	-0.16	0.00	-0.00	000000
27	0.00	-0.84	0.00	0.00	0.00	0.00	
	0.02	0.84	1.07	-0.00	0.00	-0.00	000000
28	0.00	-2.16	0.00	0.00	0.00	0.00	
	-0.07	2.16	-0.10	-0.00	0.02	0.00	000000
29	0.00	-0.63	0.00	-0.21	0.00	0.00	
	-0.29	0.63	0.93	0.21	0.00	0.00	000000
31	0.00	-0.63	0.00	-0.21	0.00	0.00	
	0.31	0.63	0.96	0.21	0.00	-0.00	000000
33	0.00	-0.84	0.00	0.00	0.00	0.00	
	-0.05	0.84	1.08	-0.00	-0.00	0.00	000000
35	0.00	-0.32	0.00	0.16	0.00	0.00	
	-0.39	0.32	0.51	-0.16	0.00	-0.00	000000
38	0.00	-0.42	0.00	-0.00	0.00	0.00	
	0.27	0.42	-0.12	0.00	0.00	-0.00	000000
41	0.00	-0.42	0.00	-0.00	0.00	0.00	
	-0.13	0.42	-0.09	0.00	-0.00	0.00	000000
43	0.00	-0.42	0.00	-0.00	0.00	0.00	
	-0.04	0.42	-0.10	0.00	0.01	0.00	000000
45	0.00	-0.84	0.00	-0.00	0.00	0.00	
	-0.01	0.84	-0.14	0.00	-0.01	0.00	000000
47	0.00	-0.42	0.00	-0.00	0.00	0.00	
	-0.23	0.42	-0.12	0.00	0.00	-0.00	000000
49	0.00	-1.08	0.00	0.00	0.00	0.00	
	-0.00	1.08	0.15	-0.00	0.01	-0.00	000000
50	0.00	-0.42	0.00	0.00	0.00	0.00	
	0.48	0.42	-0.23	-0.00	0.00	0.00	000000
51	0.00	-0.84	0.00	0.00	0.00	0.00	
	0.02	0.84	-0.31	-0.00	0.00	-0.00	000000
53	0.00	-0.42	0.00	0.00	0.00	0.00	
	-0.31	0.42	-0.17	-0.00	0.00	-0.00	000000
54	0.00	-0.64	0.00	0.00	0.00	0.00	
	0.21	0.64	0.05	0.00	0.02	-0.00	000000
55	0.00	-0.42	0.00	0.00	0.00	0.00	
	0.32	0.42	-0.18	-0.00	0.01	0.00	000000
56	0.00	-0.64	0.00	0.00	0.00	0.00	
	-0.17	0.64	0.05	0.00	0.02	-0.00	000000
57	0.00	-0.84	0.00	0.00	0.00	0.00	
	-0.01	0.84	-0.38	-0.00	-0.01	0.00	000000
59	0.00	-0.42	0.00	0.00	0.00	0.00	

75	0.00	-0.84	0.00	0.00	0.00	0.00
	-0.01	0.84	0.18	-0.00	0.00	-0.00 000000
77	0.00	-0.42	0.00	0.10	0.00	0.00
	-0.42	0.42	0.28	-0.10	0.00	-0.00 000000
78	0.00	-0.86	0.00	-0.16	0.00	0.00
	0.14	0.86	-0.13	0.16	0.01	0.00 000000
79	0.00	-0.42	0.00	0.10	0.00	0.00
	0.45	0.42	0.37	-0.10	0.00	-0.00 000000
80	0.00	-0.86	0.00	-0.16	0.00	0.00
	-0.10	0.86	-0.16	0.16	0.03	-0.00 000000
81	0.00	-0.84	0.00	0.00	0.00	0.00
	0.02	0.84	0.26	-0.00	-0.00	0.00 000000
83	0.00	-0.42	0.00	0.00	0.00	0.00
	-0.53	0.42	0.06	0.00	0.00	0.00 000000
86	0.00	-0.42	0.00	0.00	0.00	0.00
	0.23	0.42	0.01	-0.00	0.00	0.00 000000
91	0.00	-0.63	0.00	0.21	0.00	0.00
	-0.27	0.63	0.04	-0.21	0.00	-0.00 000000
95	0.00	-0.42	0.00	0.00	0.00	0.00
	-0.20	0.42	0.00	0.00	0.00	-0.00 000000
98	0.00	-0.42	0.00	0.00	0.00	0.00
	0.65	0.42	-0.36	-0.00	0.00	0.00 000000
99	0.00	-0.84	0.00	0.00	0.00	0.00
	-0.05	0.84	-0.78	-0.00	0.00	0.00 000000
101	0.00	-0.84	0.00	0.00	0.00	0.00
	-0.01	0.84	-0.78	-0.00	0.00	0.00 000000
103	0.00	-0.84	0.00	0.00	0.00	0.00
	-0.09	0.84	-0.89	-0.00	0.02	0.00 000000
105	0.00	-0.63	0.00	-0.31	0.00	0.00
	0.21	0.63	-0.88	0.31	-0.02	-0.00 000000
107	0.00	-0.42	0.00	0.00	0.00	0.00
	-0.64	0.42	-0.36	-0.00	0.00	0.00 000000
110	0.00	-0.21	0.00	-0.21	0.00	0.00
	0.20	0.21	-0.04	0.21	0.00	0.00 000000
117	0.00	-0.21	0.00	-0.11	0.00	0.00
	0.15	0.21	-0.07	0.11	-0.00	0.00 000000
119	0.00	-0.21	0.00	-0.21	0.00	0.00
	-0.19	0.21	-0.04	0.21	0.00	0.00 000000
213	0.00	-2.16	0.00	0.00	0.00	0.00
	-0.12	2.16	-0.01	-0.00	-0.00	0.00 000000
439	0.00	0.00	0.00	0.00	0.00	0.00
	-0.19	-1.92	-0.05	-0.02	-0.00	0.16 111111
440	0.00	0.00	0.00	0.00	0.00	0.00
	-0.51	-3.69	0.08	0.11	-0.00	0.45 111111
441	0.00	0.00	0.00	0.00	0.00	0.00

447	0.00	0.00	0.00	0.00	0.00	0.00	
	0.25	-2.19	0.12	0.15	-0.00	-0.22	111111
448	0.00	0.00	0.00	0.00	0.00	0.00	
	0.35	-5.87	-0.49	-0.35	-0.00	-0.36	111111
449	0.00	0.00	0.00	0.00	0.00	0.00	
	0.47	-8.74	0.17	0.23	-0.00	-0.48	111111
450	0.00	0.00	0.00	0.00	0.00	0.00	
	0.46	-8.67	-0.02	0.06	-0.00	-0.47	111111
451	0.00	0.00	0.00	0.00	0.00	0.00	
	0.58	-7.02	0.37	0.41	-0.00	-0.51	111111
452	0.00	0.00	0.00	0.00	0.00	0.00	
	0.18	-1.44	0.03	0.06	-0.00	-0.15	111111
453	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-4.01	-0.12	-0.10	-0.00	-0.01	111111
454	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-3.78	-0.12	-0.10	-0.00	-0.01	111111
455	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	-3.77	-0.12	-0.10	-0.00	0.00	111111
456	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.05	-4.21	-0.12	-0.09	-0.00	0.04	111111
457	0.00	0.00	0.00	0.00	0.00	0.00	
	0.02	-3.06	0.07	0.10	-0.00	-0.01	111111
458	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-3.05	0.07	0.10	-0.00	0.02	111111
459	0.00	0.00	0.00	0.00	0.00	0.00	
	0.08	-2.42	0.04	0.07	-0.00	-0.07	111111
460	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.09	-1.85	0.05	0.07	-0.00	0.09	111111
461	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.08	-9.58	0.11	0.13	-0.00	0.07	111111
462	0.00	0.00	0.00	0.00	0.00	0.00	
	0.07	-9.63	0.11	0.14	-0.00	-0.06	111111
463	0.00	0.00	0.00	0.00	0.00	0.00	
	0.06	-14.18	-0.93	-0.70	-0.00	-0.06	111111
464	0.00	0.00	0.00	0.00	0.00	0.00	
	0.21	-11.31	-0.91	-0.69	-0.00	-0.21	111111
465	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.22	-11.47	-0.94	-0.71	-0.00	0.22	111111
466	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-13.90	-0.96	-0.72	-0.00	-0.03	111111
467	0.00	0.00	0.00	0.00	0.00	0.00	
	0.05	-19.44	0.33	0.40	-0.00	-0.05	111111
468	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-14.98	0.13	0.19	-0.00	-0.12	111111
469	0.00	0.00	0.00	0.00	0.00	0.00	

```
  475      0.00       0.00       0.00       0.00       0.00       0.00
           0.10     -14.83       0.73       0.79      -0.00      -0.08  111111

  476      0.00       0.00       0.00       0.00       0.00       0.00
           0.03     -14.31       0.71       0.76      -0.00      -0.02  111111

  477      0.00       0.00       0.00       0.00       0.00       0.00
           0.16     -13.41       0.80       0.86      -0.00      -0.14  111111

  478      0.00       0.00       0.00       0.00       0.00       0.00
          -0.24     -14.04       0.78       0.84      -0.00       0.22  111111

  479      0.00       0.00       0.00       0.00       0.00       0.00
           0.07      -8.94       0.10       0.13      -0.00      -0.06  111111

  480      0.00       0.00       0.00       0.00       0.00       0.00
           0.10      -8.24       0.11       0.14      -0.00      -0.09  111111

  602      0.00       0.00       0.00       0.00       0.00       0.00
          -0.03      -0.67       0.06       0.05      -0.00       0.03  111111

  603      0.00       0.00       0.00       0.00       0.00       0.00
          -0.00      -1.62       0.05       0.05      -0.00       0.00  111111

  604      0.00       0.00       0.00       0.00       0.00       0.00
          -0.00      -0.20       0.04       0.04      -0.00       0.00  111111

FOR LOADING -      5
APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X      FORCE-Y      FORCE-Z       MOM-X       MOM-Y        MOM-Z
     1 0.00000E+00-3.00000E-01 0.00000E+00 3.00000E-01 0.00000E+00 0.00000E+00
     2 0.00000E+00-4.50000E-02 0.00000E+00 4.50000E-02 0.00000E+00 0.00000E+00
     3 0.00000E+00-9.00000E-02 0.00000E+00 9.00000E-02 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
     5 0.00000E+00-9.00000E-02 0.00000E+00 9.00000E-02 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
     7 0.00000E+00-9.00000E-02 0.00000E+00 9.00000E-02 0.00000E+00 0.00000E+00
     8 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
     9 0.00000E+00-9.00000E-02 0.00000E+00 9.00000E-02 0.00000E+00 0.00000E+00
    10 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
    11 0.00000E+00-4.50000E-02 0.00000E+00 4.50000E-02 0.00000E+00 0.00000E+00
    12 0.00000E+00-3.00000E-01 0.00000E+00 3.00000E-01 0.00000E+00 0.00000E+00
    13 0.00000E+00-6.00000E-01 0.00000E+00 2.19750E-08 0.00000E+00 0.00000E+00
    14 0.00000E+00-4.50000E-02 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00
    15 0.00000E+00-1.80000E-01 0.00000E+00 5.49376E-09 0.00000E+00 0.00000E+00
    17 0.00000E+00-1.80000E-01 0.00000E+00 5.49376E-09 0.00000E+00 0.00000E+00
    18 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    19 0.00000E+00-1.80000E-01 0.00000E+00 5.49376E-09 0.00000E+00 0.00000E+00
    20 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    21 0.00000E+00-1.80000E-01 0.00000E+00 5.49376E-09 0.00000E+00 0.00000E+00
    23 0.00000E+00-4.50000E-02 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00
    24 0.00000E+00-3.00000E-01 0.00000E+00-3.00000E-01 0.00000E+00 0.00000E+00
    25 0.00000E+00-6.00000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
    26 0.00000E+00-6.75000E-02 0.00000E+00 3.37500E-02 0.00000E+00 0.00000E+00
    27 0.00000E+00-1.80000E-01 0.00000E+00 1.64813E-08 0.00000E+00 0.00000E+00
    28 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    29 0.00000E+00-1.35000E-01 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00
    30 0.00000E+00-7.75000E-01 0.00000E+00-5.41667E-01 0.00000E+00 0.00000E+00
    31 0.00000E+00-1.35000E-01 0.00000E+00-4.50000E-02 0.00000E+00 0.00000E+00
    32 0.00000E+00-7.75000E-01 0.00000E+00-5.41667E-01 0.00000E+00 0.00000E+00
    33 0.00000E+00-1.80000E-01 0.00000E+00 1.64813E-08 0.00000E+00 0.00000E+00
    34 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    35 0.00000E+00-6.75000E-02 0.00000E+00 3.37500E-02 0.00000E+00 0.00000E+00
    36 0.00000E+00-4.50000E-01 0.00000E+00 2.25000E-01 0.00000E+00 0.00000E+00
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
37	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
39	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0.00000E+00	-1.15000E+00	0.00000E+00	-9.58335E-02	0.00000E+00	0.00000E+00
41	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0.00000E+00	-3.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
44	0.00000E+00	-3.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	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
50	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
51	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
52	0.00000E+00	-6.50000E-01	0.00000E+00	5.95833E-01	0.00000E+00	0.00000E+00
53	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
54	0.00000E+00	-3.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
56	0.00000E+00	-3.50000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
57	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
58	0.00000E+00	-1.20000E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
59	0.00000E+00	-9.00000E-02	0.00000E+00	1.37344E-08	0.00000E+00	0.00000E+00
60	0.00000E+00	-6.00000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
61	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
62	0.00000E+00	-9.00000E-02	0.00000E+00	-1.37344E-08	0.00000E+00	0.00000E+00
63	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-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	-6.75000E-02	0.00000E+00	-3.37500E-02	0.00000E+00	0.00000E+00
66	0.00000E+00	-4.37500E-01	0.00000E+00	7.29166E-02	0.00000E+00	0.00000E+00
67	0.00000E+00	-6.75000E-02	0.00000E+00	-3.37500E-02	0.00000E+00	0.00000E+00
68	0.00000E+00	-4.37500E-01	0.00000E+00	7.29166E-02	0.00000E+00	0.00000E+00
69	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
70	0.00000E+00	-1.20000E+00	0.00000E+00	-1.75800E-07	0.00000E+00	0.00000E+00
71	0.00000E+00	-9.00000E-02	0.00000E+00	-1.37344E-08	0.00000E+00	0.00000E+00
72	0.00000E+00	-6.00000E-01	0.00000E+00	-8.79001E-08	0.00000E+00	0.00000E+00
73	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
74	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	-9.00000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
78	0.00000E+00	-4.75000E-01	0.00000E+00	-9.16667E-02	0.00000E+00	0.00000E+00
79	0.00000E+00	-9.00000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
80	0.00000E+00	-4.75000E-01	0.00000E+00	-9.16667E-02	0.00000E+00	0.00000E+00
81	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
83	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	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	-1.35000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
90	0.00000E+00	-7.75000E-01	0.00000E+00	5.41667E-01	0.00000E+00	0.00000E+00
91	0.00000E+00	-1.35000E-01	0.00000E+00	4.50000E-02	0.00000E+00	0.00000E+00
92	0.00000E+00	-7.75000E-01	0.00000E+00	5.41667E-01	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	-1.20000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-6.00000E-01	0.00000E+00	2.85675E-07	0.00000E+00	0.00000E+00
98	0.00000E+00	-9.00000E-02	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
99	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
100	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
101	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
102	0.00000E+00	-1.20000E+00	0.00000E+00	5.71351E-07	0.00000E+00	0.00000E+00
103	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
104	0.00000E+00	-1.12500E+00	0.00000E+00	-7.49995E-02	0.00000E+00	0.00000E+00
105	0.00000E+00	-1.35000E-01	0.00000E+00	-6.75000E-02	0.00000E+00	0.00000E+00
106	0.00000E+00	-8.62500E-01	0.00000E+00	-4.68750E-01	0.00000E+00	0.00000E+00
107	0.00000E+00	-9.00000E-02	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
108	0.00000E+00	-6.00000E-01	0.00000E+00	2.85675E-07	0.00000E+00	0.00000E+00
109	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
110	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
111	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
112	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
113	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
114	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
115	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
116	0.00000E+00	-5.25000E-01	0.00000E+00	-5.25000E-01	0.00000E+00	0.00000E+00
117	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
118	0.00000E+00	-1.50000E-01	0.00000E+00	-7.50001E-02	0.00000E+00	0.00000E+00
119	0.00000E+00	-4.50000E-02	0.00000E+00	-4.50000E-02	0.00000E+00	0.00000E+00
120	0.00000E+00	-3.00000E-01	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00
121	0.00000E+00	-6.75000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
122	0.00000E+00	-6.75000E-02	0.00000E+00	1.12500E-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	-9.00000E-02	0.00000E+00	9.00000E-02	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	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
127	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
128	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
129	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
130	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
131	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
132	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
133	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
134	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
135	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
136	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
137	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
138	0.00000E+00	-1.80000E-01	0.00000E+00	5.49376E-09	0.00000E+00	0.00000E+00
139	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
140	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
141	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
142	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
143	0.00000E+00	-1.35000E-01	0.00000E+00	6.75000E-02	0.00000E+00	0.00000E+00
144	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
145	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
146	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
147	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
148	0.00000E+00	-1.80000E-01	0.00000E+00	1.64813E-08	0.00000E+00	0.00000E+00
149	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
150	0.00000E+00	-1.35000E-01	0.00000E+00	6.75000E-02	0.00000E+00	0.00000E+00
151	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
152	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
153	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
154	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
155	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
160	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
161	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
162	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
163	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
164	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
165	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
166	0.00000E+00	-1.80000E-01	0.00000E+00	2.74688E-08	0.00000E+00	0.00000E+00
167	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
168	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
169	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
170	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
171	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
172	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
173	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
174	0.00000E+00	-1.80000E-01	0.00000E+00	-2.74688E-08	0.00000E+00	0.00000E+00
175	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
178	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
179	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
181	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
184	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
185	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
186	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
187	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
190	0.00000E+00	-1.80000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
192	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
193	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
194	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
195	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
196	0.00000E+00	-9.00000E-02	0.00000E+00	9.00000E-02	0.00000E+00	0.00000E+00
197	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
198	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
199	0.00000E+00	-1.35000E-01	0.00000E+00	-6.75000E-02	0.00000E+00	0.00000E+00
200	0.00000E+00	-1.35000E-01	0.00000E+00	-6.75000E-02	0.00000E+00	0.00000E+00
201	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
202	0.00000E+00	-1.80000E-01	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
203	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
204	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
205	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
206	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
207	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
208	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
209	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
210	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
211	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
212	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00001E-02	0.00000E+00	0.00000E+00
213	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
214	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
215	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
216	0.00000E+00	-9.00000E-02	0.00000E+00	-9.00000E-02	0.00000E+00	0.00000E+00
217	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
218	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
219	0.00000E+00	-4.50000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
220	0.00000E+00	-4.50000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
281	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
282	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
283	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
284	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
285	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
286	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
287	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
288	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
289	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
290	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
291	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
292	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
293	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
294	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
295	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
296	0.00000E+00	-1.20000E+00	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
297	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
298	0.00000E+00	-6.00000E-01	0.00000E+00	6.00000E-01	0.00000E+00	0.00000E+00
299	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
300	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	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	-1.20000E+00	0.00000E+00	1.75800E-07	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	6.00000E-01	0.00000E+00	0.00000E+00
308	0.00000E+00	-9.00000E-01	0.00000E+00	4.50000E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS
```
 JOINT   FORCE-X      FORCE-Y      FORCE-Z      MOM-X        MOM-Y        MOM-Z
   309 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   310 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   311 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   312 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   313 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   314 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   315 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   316 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 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+00-1.20000E+00 0.00000E+00 1.75800E-07 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
   321 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   322 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   323 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   324 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
   325 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
   326 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
   327 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
   328 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
   329 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
   330 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
   331 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 0.00000E+00 0.00000E+00
   332 0.00000E+00-1.20000E+00 0.00000E+00-1.75800E-07 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+00-1.20000E+00 0.00000E+00 0.00000E+00 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+00-1.20000E+00 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
   341 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   342 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   343 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   344 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   345 0.00000E+00-1.20000E+00 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+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   350 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   351 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   352 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   353 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   354 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
   355 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   356 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   357 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
   358 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
   359 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   360 0.00000E+00-1.20000E+00 0.00000E+00 5.71351E-07 0.00000E+00 0.00000E+00
   361 0.00000E+00-6.00000E-01 0.00000E+00-6.00001E-01 0.00000E+00 0.00000E+00
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
362	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
363	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
364	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
365	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
366	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
369	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
370	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00001E-01	0.00000E+00	0.00000E+00
373	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
374	0.00000E+00	-6.00000E-01	0.00000E+00	-6.00000E-01	0.00000E+00	0.00000E+00
375	0.00000E+00	-3.00000E-01	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00
376	0.00000E+00	-3.00000E-01	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00
481	0.00000E+00	-2.25000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
482	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
483	0.00000E+00	-6.75000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
484	0.00000E+00	-2.25000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
485	0.00000E+00	-2.25000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
486	0.00000E+00	-4.50000E-02	0.00000E+00	-2.25000E-02	0.00000E+00	0.00000E+00
487	0.00000E+00	-2.25000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
488	0.00000E+00	-6.75000E-02	0.00000E+00	1.12500E-02	0.00000E+00	0.00000E+00
489	0.00000E+00	-4.50000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
490	0.00000E+00	-4.50000E-02	0.00000E+00	2.25000E-02	0.00000E+00	0.00000E+00
491	0.00000E+00	-1.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
492	0.00000E+00	-3.00000E-01	0.00000E+00	-1.50000E-01	0.00000E+00	0.00000E+00
493	0.00000E+00	-1.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
494	0.00000E+00	-4.50000E-01	0.00000E+00	7.50000E-02	0.00000E+00	0.00000E+00
495	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
498	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
499	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
500	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
501	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
502	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
503	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
504	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
505	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
506	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
507	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
508	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
509	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
510	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
511	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00	0.00000E+00	2.08332E-03
512	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
513	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00	0.00000E+00	-2.08334E-03
514	0.00000E+00	-3.34932E-01	0.00000E+00	-2.50000E-02	0.00000E+00	0.00000E+00
515	0.00000E+00	-3.34932E-01	0.00000E+00	2.50000E-02	0.00000E+00	0.00000E+00
516	0.00000E+00	-3.50000E-01	0.00000E+00	-2.50000E-02	0.00000E+00	1.87500E-02
517	0.00000E+00	-3.50000E-01	0.00000E+00	2.50000E-02	0.00000E+00	1.87500E-02
518	0.00000E+00	-3.34932E-01	0.00000E+00	-2.50001E-02	0.00000E+00	0.00000E+00
519	0.00000E+00	-3.34932E-01	0.00000E+00	2.50001E-02	0.00000E+00	0.00000E+00
520	0.00000E+00	-3.50000E-01	0.00000E+00	-2.50001E-02	0.00000E+00	1.87500E-02
521	0.00000E+00	-3.50000E-01	0.00000E+00	2.50001E-02	0.00000E+00	1.87500E-02
522	0.00000E+00	-3.34932E-01	0.00000E+00	-2.50001E-02	0.00000E+00	0.00000E+00
523	0.00000E+00	-3.34932E-01	0.00000E+00	2.50001E-02	0.00000E+00	0.00000E+00
524	0.00000E+00	-3.50000E-01	0.00000E+00	-2.50001E-02	0.00000E+00	1.87500E-02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
525	0.00000E+00	-3.50000E-01	0.00000E+00	2.50001E-02	0.00000E+00	1.87500E-02
526	0.00000E+00	-3.34932E-01	0.00000E+00	-2.49999E-02	0.00000E+00	0.00000E+00
527	0.00000E+00	-3.34932E-01	0.00000E+00	2.49999E-02	0.00000E+00	0.00000E+00
528	0.00000E+00	-3.50000E-01	0.00000E+00	-2.49999E-02	0.00000E+00	1.87500E-02
529	0.00000E+00	-3.50000E-01	0.00000E+00	2.49999E-02	0.00000E+00	1.87500E-02
530	0.00000E+00	-1.50000E-01	0.00000E+00	5.00000E-02	0.00000E+00	0.00000E+00
531	0.00000E+00	-2.65068E-01	0.00000E+00	-5.00000E-02	0.00000E+00	2.05182E-02
534	0.00000E+00	-2.65068E-01	0.00000E+00	5.00000E-02	0.00000E+00	2.05182E-02
535	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
538	0.00000E+00	-2.65068E-01	0.00000E+00	-5.00000E-02	0.00000E+00	2.05182E-02
540	0.00000E+00	-2.65068E-01	0.00000E+00	5.00000E-02	0.00000E+00	2.05182E-02
542	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
544	0.00000E+00	-2.65068E-01	0.00000E+00	-5.00000E-02	0.00000E+00	2.05182E-02
546	0.00000E+00	-2.65068E-01	0.00000E+00	5.00001E-02	0.00000E+00	2.05182E-02
548	0.00000E+00	-3.75000E-01	0.00000E+00	6.24999E-02	0.00000E+00	0.00000E+00
550	0.00000E+00	-1.50000E-01	0.00000E+00	4.99999E-02	0.00000E+00	0.00000E+00
552	0.00000E+00	-2.65068E-01	0.00000E+00	-4.99999E-02	0.00000E+00	2.05182E-02
554	0.00000E+00	-2.65068E-01	0.00000E+00	4.99999E-02	0.00000E+00	2.05182E-02
556	0.00000E+00	-1.50000E-01	0.00000E+00	-4.99999E-02	0.00000E+00	0.00000E+00
558	0.00000E+00	-5.62500E-01	0.00000E+00	1.87500E-02	0.00000E+00	0.00000E+00
559	0.00000E+00	-5.62500E-01	0.00000E+00	1.87500E-02	0.00000E+00	0.00000E+00
560	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
561	0.00000E+00	-3.00000E-01	0.00000E+00	1.50000E-01	0.00000E+00	0.00000E+00
562	0.00000E+00	-6.00000E-01	0.00000E+00	-5.00000E-01	0.00000E+00	0.00000E+00
563	0.00000E+00	-1.50000E-01	0.00000E+00	5.00000E-02	0.00000E+00	0.00000E+00
564	0.00000E+00	-2.50000E-01	0.00000E+00	-5.00000E-02	0.00000E+00	-1.66667E-02
565	0.00000E+00	-1.50000E-01	0.00000E+00	5.00000E-02	0.00000E+00	0.00000E+00
566	0.00000E+00	-1.50000E-01	0.00000E+00	-5.00000E-02	0.00000E+00	0.00000E+00
567	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
568	0.00000E+00	-1.50000E-01	0.00000E+00	5.00000E-02	0.00000E+00	0.00000E+00
569	0.00000E+00	-1.50000E-01	0.00000E+00	-5.00000E-02	0.00000E+00	0.00000E+00
570	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
571	0.00000E+00	-2.50000E-01	0.00000E+00	5.00000E-02	0.00000E+00	-1.66667E-02
572	0.00000E+00	-2.50000E-01	0.00000E+00	-5.00000E-02	0.00000E+00	-1.66667E-02
573	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
574	0.00000E+00	-2.50000E-01	0.00000E+00	5.00000E-02	0.00000E+00	-1.66667E-02
575	0.00000E+00	-2.50000E-01	0.00000E+00	-5.00000E-02	0.00000E+00	-1.66667E-02
576	0.00000E+00	-3.00000E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
577	0.00000E+00	-1.50000E-01	0.00000E+00	5.00000E-02	0.00000E+00	0.00000E+00
578	0.00000E+00	-1.50000E-01	0.00000E+00	-5.00000E-02	0.00000E+00	0.00000E+00
579	0.00000E+00	-3.75000E-01	0.00000E+00	6.24999E-02	0.00000E+00	0.00000E+00
580	0.00000E+00	-2.50000E-01	0.00000E+00	5.00001E-02	0.00000E+00	-1.66667E-02
581	0.00000E+00	-2.25000E-01	0.00000E+00	-1.12500E-01	0.00000E+00	0.00000E+00
582	0.00000E+00	-3.75000E-01	0.00000E+00	6.24999E-02	0.00000E+00	0.00000E+00
583	0.00000E+00	-1.50000E-01	0.00000E+00	5.00001E-02	0.00000E+00	0.00000E+00
584	0.00000E+00	-2.25000E-01	0.00000E+00	-1.12500E-01	0.00000E+00	0.00000E+00
585	0.00000E+00	-2.25000E-01	0.00000E+00	-1.12500E-01	0.00000E+00	0.00000E+00
586	0.00000E+00	-1.50000E-01	0.00000E+00	-4.99999E-02	0.00000E+00	0.00000E+00
587	0.00000E+00	-1.50000E-01	0.00000E+00	4.99999E-02	0.00000E+00	0.00000E+00
588	0.00000E+00	-1.50000E-01	0.00000E+00	-4.99999E-02	0.00000E+00	0.00000E+00
589	0.00000E+00	-1.50000E-01	0.00000E+00	4.99999E-02	0.00000E+00	0.00000E+00
590	0.00000E+00	-1.50000E-01	0.00000E+00	-4.99999E-02	0.00000E+00	0.00000E+00
591	0.00000E+00	-1.50000E-01	0.00000E+00	4.99999E-02	0.00000E+00	0.00000E+00

STAAD SPACE   -- PAGE NO. 173

APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X   FORCE-Y   FORCE-Z   MOM-X   MOM-Y   MOM-Z
  592 0.00000E+00-2.50000E-01 0.00000E+00-4.99999E-02 0.00000E+00-1.66667E-02
  593 0.00000E+00-2.50000E-01 0.00000E+00 4.99999E-02 0.00000E+00-1.66667E-02
  594 0.00000E+00-4.50000E-01 0.00000E+00 4.50000E-01 0.00000E+00 0.00000E+00
  595 0.00000E+00-4.50000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
  596 0.00000E+00-2.25000E-01 0.00000E+00 1.12500E-01 0.00000E+00 0.00000E+00
  597 0.00000E+00-1.12500E-01 0.00000E+00-5.62501E-02 0.00000E+00 0.00000E+00
  598 0.00000E+00-3.37500E-01 0.00000E+00-5.62499E-02 0.00000E+00 0.00000E+00
  599 0.00000E+00-4.12500E-01 0.00000E+00-5.62499E-02 0.00000E+00 0.00000E+00
  600 0.00000E+00-2.25000E-01 0.00000E+00 1.12500E-01 0.00000E+00 0.00000E+00
  601 0.00000E+00-2.25000E-01 0.00000E+00-1.12500E-01 0.00000E+00 0.00000E+00
  606 0.00000E+00-9.00000E-02 0.00000E+00 4.53235E-08 0.00000E+00 0.00000E+00
  607 0.00000E+00-9.00000E-02 0.00000E+00 4.53235E-08 0.00000E+00 0.00000E+00
  608 0.00000E+00-9.00000E-02 0.00000E+00 4.53235E-08 0.00000E+00 0.00000E+00

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

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

                    X = 0.148726990E+02
                    Y = 0.361654240E+01
                    Z = 0.270661542E+02

  ***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING   5)
     SUMMATION FORCE-X =   0.00
     SUMMATION FORCE-Y =   -179.81
     SUMMATION FORCE-Z =   0.00

     SUMMATION OF MOMENTS AROUND THE ORIGIN-
     MX=   4866.76 MY=   0.00 MZ=   -2674.26

  ***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING   5)
     SUMMATION FORCE-X =   0.00
     SUMMATION FORCE-Y =   179.81
     SUMMATION FORCE-Z =   0.00

     SUMMATION OF MOMENTS AROUND THE ORIGIN-
     MX=   -4866.77 MY=   -0.00 MZ=   2674.26

  MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING   5)
           MAXIMUMS   AT NODE
     X = 7.20186E-03   96
     Y = -1.90237E-01   345
     Z = 5.69176E-03   11
     RX= -7.51611E-04   357
     RY= -1.68152E-05   559
     RZ= -2.77759E-04   585

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	
11	0.00	-0.04	0.00	0.04	0.00	0.00	
	-0.10	0.04	0.02	-0.04	0.00	0.00	000000
13	0.00	-0.60	0.00	0.00	0.00	0.00	
	0.10	0.60	-0.00	-0.00	-0.00	-0.00	000000
14	0.00	-0.05	0.00	-0.04	0.00	0.00	
	0.19	0.05	-0.04	0.04	0.00	0.00	000000
23	0.00	-0.05	0.00	-0.04	0.00	0.00	
	-0.11	0.05	-0.05	0.04	0.00	-0.00	000000
26	0.00	-0.07	0.00	0.03	0.00	0.00	
	0.18	0.07	0.22	-0.03	0.00	-0.00	000000
27	0.00	-0.18	0.00	0.00	0.00	0.00	
	0.01	0.18	0.47	-0.00	0.00	-0.00	000000
29	0.00	-0.14	0.00	-0.04	0.00	0.00	
	-0.11	0.14	0.48	0.04	0.00	0.00	000000
31	0.00	-0.14	0.00	-0.04	0.00	0.00	
	0.12	0.14	0.50	0.04	0.00	0.00	000000
33	0.00	-0.18	0.00	0.00	0.00	0.00	
	-0.02	0.18	0.48	-0.00	-0.00	-0.00	000000
35	0.00	-0.07	0.00	0.03	0.00	0.00	
	-0.16	0.07	0.23	-0.03	0.00	-0.00	000000
43	0.00	-0.09	0.00	0.00	0.00	0.00	
	-0.11	0.09	-0.05	-0.00	0.00	0.00	000000
50	0.00	-0.09	0.00	0.00	0.00	0.00	
	0.21	0.09	-0.11	-0.00	0.00	0.00	000000
51	0.00	-0.18	0.00	0.00	0.00	0.00	
	0.01	0.18	-0.14	-0.00	0.00	-0.00	000000
53	0.00	-0.09	0.00	0.00	0.00	0.00	
	-0.11	0.09	-0.09	-0.00	0.00	-0.00	000000
55	0.00	-0.09	0.00	0.00	0.00	0.00	
	0.12	0.09	-0.09	-0.00	0.00	-0.00	000000
57	0.00	-0.18	0.00	0.00	0.00	0.00	
	-0.00	0.18	-0.18	-0.00	-0.00	0.00	000000
59	0.00	-0.09	0.00	0.00	0.00	0.00	
	-0.20	0.09	-0.12	-0.00	0.00	-0.00	000000
67	0.00	-0.07	0.00	-0.03	0.00	0.00	
	-0.18	0.07	0.02	0.03	0.01	-0.00	000000
74	0.00	-0.09	0.00	0.00	0.00	0.00	
	0.22	0.09	0.03	0.00	0.00	-0.00	000000
77	0.00	-0.09	0.00	0.02	0.00	0.00	
	-0.17	0.09	0.14	-0.02	0.00	0.00	000000

```
  98      0.00     -0.09      0.00      0.00      0.00      0.00
          0.26      0.09     -0.17     -0.00      0.00      0.00  000000

  99      0.00     -0.18      0.00      0.00      0.00      0.00
         -0.02      0.18     -0.35     -0.00      0.00     -0.00  000000

 101      0.00     -0.18      0.00      0.00      0.00      0.00
         -0.01      0.18     -0.37     -0.00      0.00      0.00  000000

 103      0.00     -0.18      0.00      0.00      0.00      0.00
         -0.03      0.18     -0.43     -0.00      0.01      0.00  000000

 105      0.00     -0.13      0.00     -0.07      0.00      0.00
          0.10      0.13     -0.40      0.07     -0.01      0.00  000000

 107      0.00     -0.09      0.00      0.00      0.00      0.00
         -0.26      0.09     -0.17     -0.00      0.00     -0.00  000000

 439      0.00      0.00      0.00      0.00      0.00      0.00
         -0.12     -0.86     -0.03     -0.02     -0.00      0.10  111111

 440      0.00      0.00      0.00      0.00      0.00      0.00
         -0.29     -1.84      0.04      0.05     -0.00      0.26  111111

 441      0.00      0.00      0.00      0.00      0.00      0.00
         -0.24     -2.92     -0.20     -0.14     -0.00      0.25  111111

 442      0.00      0.00      0.00      0.00      0.00      0.00
         -0.26     -4.04      0.07      0.10     -0.00      0.27  111111

 443      0.00      0.00      0.00      0.00      0.00      0.00
         -0.26     -4.03     -0.01      0.03     -0.00      0.26  111111

 444      0.00      0.00      0.00      0.00      0.00      0.00
         -0.33     -3.22      0.17      0.19     -0.00      0.29  111111

 445      0.00      0.00      0.00      0.00      0.00      0.00
         -0.10     -0.65      0.02      0.03     -0.00      0.09  111111

 446      0.00      0.00      0.00      0.00      0.00      0.00
          0.15     -0.97     -0.03     -0.02     -0.00     -0.13  111111

 447      0.00      0.00      0.00      0.00      0.00      0.00
          0.15     -1.00      0.06      0.07     -0.00     -0.13  111111

 448      0.00      0.00      0.00      0.00      0.00      0.00
          0.20     -2.70     -0.22     -0.16     -0.00     -0.21  111111

 449      0.00      0.00      0.00      0.00      0.00      0.00
          0.26     -4.03      0.08      0.11     -0.00     -0.26  111111

 450      0.00      0.00      0.00      0.00      0.00      0.00
          0.26     -3.99     -0.01      0.03     -0.00     -0.26  111111

 451      0.00      0.00      0.00      0.00      0.00      0.00
          0.34     -3.24      0.17      0.19     -0.00     -0.30  111111

 452      0.00      0.00      0.00      0.00      0.00      0.00
          0.11     -0.66      0.02      0.04     -0.00     -0.10  111111

 453      0.00      0.00      0.00      0.00      0.00      0.00
          0.01     -1.82     -0.07     -0.06     -0.00     -0.01  111111

 454      0.00      0.00      0.00      0.00      0.00      0.00
          0.01     -1.74     -0.07     -0.06     -0.00     -0.01  111111

 455      0.00      0.00      0.00      0.00      0.00      0.00
```

461	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.04	-4.38	0.05	0.07	-0.00	0.04	111111
462	0.00	0.00	0.00	0.00	0.00	0.00	
	0.04	-4.41	0.06	0.07	-0.00	-0.03	111111
463	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-6.53	-0.41	-0.31	-0.00	-0.03	111111
464	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-5.46	-0.46	-0.35	-0.00	-0.12	111111
465	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.12	-5.55	-0.48	-0.36	-0.00	0.12	111111
466	0.00	0.00	0.00	0.00	0.00	0.00	
	0.02	-6.39	-0.43	-0.32	-0.00	-0.02	111111
467	0.00	0.00	0.00	0.00	0.00	0.00	
	0.03	-8.90	0.15	0.19	-0.00	-0.03	111111
468	0.00	0.00	0.00	0.00	0.00	0.00	
	0.07	-7.44	0.07	0.10	-0.00	-0.07	111111
469	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.07	-7.62	0.07	0.09	-0.00	0.07	111111
470	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-9.00	0.21	0.23	-0.00	0.03	111111
471	0.00	0.00	0.00	0.00	0.00	0.00	
	0.02	-8.95	-0.08	-0.02	-0.00	-0.02	111111
472	0.00	0.00	0.00	0.00	0.00	0.00	
	0.18	-7.54	-0.08	-0.01	-0.00	-0.18	111111
473	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.17	-7.84	-0.12	-0.05	-0.00	0.18	111111
474	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-9.09	-0.12	-0.05	-0.00	0.03	111111
475	0.00	0.00	0.00	0.00	0.00	0.00	
	0.06	-6.82	0.33	0.35	-0.00	-0.05	111111
476	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-6.64	0.33	0.36	-0.00	-0.00	111111
477	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-6.16	0.38	0.41	-0.00	-0.10	111111
478	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.17	-6.21	0.36	0.39	-0.00	0.16	111111
479	0.00	0.00	0.00	0.00	0.00	0.00	
	0.04	-4.19	0.05	0.06	-0.00	-0.03	111111
480	0.00	0.00	0.00	0.00	0.00	0.00	
	0.06	-3.79	0.05	0.07	-0.00	-0.05	111111
602	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-0.29	0.03	0.03	-0.00	0.01	111111
603	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.00	-0.53	0.02	0.02	-0.00	0.00	111111

FOR LOADING -   6

STAAD SPACE   -- PAGE NO. 177

APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X   FORCE-Y   FORCE-Z   MOM-X   MOM-Y   MOM-Z
  146 0.00000E+00-5.57407E-02 0.00000E+00-9.55556E-02 0.00000E+00 0.00000E+00
  147 0.00000E+00-5.57407E-02 0.00000E+00-9.55556E-02 0.00000E+00 0.00000E+00
  148 0.00000E+00-5.57407E-02 0.00000E+00-9.55556E-02 0.00000E+00 0.00000E+00
  152 0.00000E+00-4.07500E-01 0.00000E+00 0.00000E+00 0.00000E+00-2.02468E-01
  153 0.00000E+00-2.49250E+00 0.00000E+00 1.35000E+00 0.00000E+00 2.02468E-01
  154 0.00000E+00-5.74996E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.46142E-02
  160 0.00000E+00-4.07500E-01 0.00000E+00 0.00000E+00 0.00000E+00-2.02468E-01
  161 0.00000E+00-2.49250E+00 0.00000E+00-1.35000E+00 0.00000E+00 2.02468E-01
  162 0.00000E+00-5.74996E-02 0.00000E+00 0.00000E+00 0.00000E+00 3.46142E-02
  597 0.00000E+00-8.49999E-01 0.00000E+00-3.18750E-01 0.00000E+00-3.18750E-01
  598 0.00000E+00-4.25001E-01 0.00000E+00 3.18751E-01 0.00000E+00 0.00000E+00
  599 0.00000E+00-4.25001E-01 0.00000E+00 3.18751E-01 0.00000E+00 0.00000E+00
  610 0.00000E+00-8.49999E-01 0.00000E+00-3.18750E-01 0.00000E+00 0.00000E+00
  611 0.00000E+00-4.25001E-01 0.00000E+00 3.18751E-01 0.00000E+00 0.00000E+00
  612 0.00000E+00-8.49999E-01 0.00000E+00-3.18750E-01 0.00000E+00 0.00000E+00
  613 0.00000E+00-4.25001E-01 0.00000E+00 3.18751E-01 0.00000E+00 0.00000E+00
  614 0.00000E+00-4.25001E-01 0.00000E+00 3.18751E-01 0.00000E+00 0.00000E+00
  615 0.00000E+00-8.49999E-01 0.00000E+00-3.18750E-01 0.00000E+00 0.00000E+00
  616 0.00000E+00-8.49999E-01 0.00000E+00-3.18750E-01 0.00000E+00 0.00000E+00
  617 0.00000E+00-4.25001E-01 0.00000E+00 3.18751E-01 0.00000E+00 0.00000E+00

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

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

                     X = 0.129678240E+02
                     Y = 0.571302070E+01
                     Z = 0.312185188E+02

  ***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING   6)
     SUMMATION FORCE-X =   0.00
     SUMMATION FORCE-Y =   -21.60
     SUMMATION FORCE-Z =   0.00

     SUMMATION OF MOMENTS AROUND THE ORIGIN-
     MX=   674.32 MY=   0.00 MZ=   -280.10

  ***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING   6)
     SUMMATION FORCE-X =   -0.00
     SUMMATION FORCE-Y =   21.60
     SUMMATION FORCE-Z =   0.00

     SUMMATION OF MOMENTS AROUND THE ORIGIN-
     MX=   -674.32 MY=   0.00 MZ=   280.11

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING   6)
          MAXIMUMS   AT NODE
   X = -1.53938E-03   37
   Y = -1.80585E-01   153
   Z = 1.07790E-03   620
   RX= -7.78791E-04   161
   RY= -2.66681E-06   209
   RZ= 4.29900E-04   154

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	
18	0.00	0.00	0.00	0.00	0.00	0.00	
	0.12	-0.00	-0.00	-0.00	0.00	0.00	000000
20	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.12	0.00	-0.00	0.00	0.00	-0.00	000000
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.10	-0.00	0.00	0.00	0.00	0.00	000000
27	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-0.00	0.74	0.00	0.00	0.00	000000
28	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-0.00	-0.11	0.00	-0.00	-0.00	000000
29	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.05	-0.00	0.15	-0.00	0.00	0.00	000000
38	0.00	0.00	0.00	0.00	0.00	0.00	
	0.22	0.00	0.00	-0.00	0.00	0.00	000000
39	0.00	-3.16	0.00	1.82	0.00	-0.03	
	0.24	3.16	0.19	-1.82	0.00	0.03	000000
41	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.42	-0.00	0.01	0.00	0.00	0.00	000000
51	0.00	-3.16	0.00	-1.82	0.00	-0.03	
	0.29	3.16	-1.24	1.82	0.00	0.03	000000
52	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.33	0.00	0.46	-0.00	0.00	0.00	000000
53	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.26	0.00	-0.13	0.00	0.00	-0.00	000000
54	0.00	0.00	0.00	0.00	0.00	0.00	
	0.27	0.00	0.01	0.00	-0.00	-0.00	000000
213	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.11	-0.00	-0.01	0.00	-0.00	0.00	000000
214	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
441	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.02	-0.20	-0.01	-0.01	0.00	0.02	111111
442	0.00	0.00	0.00	0.00	0.00	0.00	

```
   STAAD SPACE                                          -- PAGE NO.  179

  463      0.00      0.00      0.00      0.00      0.00      0.00
           0.00     -2.63     -0.72     -0.63      0.00     -0.00  111111

  464      0.00      0.00      0.00      0.00      0.00      0.00
           0.01     -0.71     -0.12     -0.10      0.00     -0.01  111111

  467      0.00      0.00      0.00      0.00      0.00      0.00
           0.04     -8.39      0.66      0.58      0.00     -0.05  111111

  468      0.00      0.00      0.00      0.00      0.00      0.00
          -0.01     -1.19      0.12      0.11      0.00      0.01  111111

  471      0.00      0.00      0.00      0.00      0.00      0.00
          -0.00      0.27     -0.07     -0.06      0.00      0.00  111111

  472      0.00      0.00      0.00      0.00      0.00      0.00
          -0.00      0.10     -0.02     -0.02      0.00      0.00  111111

  480      0.00      0.00      0.00      0.00      0.00      0.00
          -0.02     -0.38      0.00      0.00      0.00      0.02  111111

  602      0.00      0.00      0.00      0.00      0.00      0.00
           0.02     -2.41      0.10      0.05      0.00     -0.01  111111

  603      0.00      0.00      0.00      0.00      0.00      0.00
          -0.00     -1.32     -0.11     -0.05      0.00      0.00  111111

  604      0.00      0.00      0.00      0.00      0.00      0.00
          -0.00     -1.22     -0.10     -0.05      0.00      0.00  111111

FOR LOADING -      7
APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X    FORCE-Y    FORCE-Z     MOM-X      MOM-Y       MOM-Z
   498 0.00000E+00-2.17500E+00 0.00000E+00 7.87500E-01 0.00000E+00 0.00000E+00
   499 0.00000E+00-2.17500E+00 0.00000E+00-7.87500E-01 0.00000E+00 0.00000E+00
   500 0.00000E+00-2.17500E+00 0.00000E+00 7.87500E-01 0.00000E+00 0.00000E+00
   501 0.00000E+00-2.17500E+00 0.00000E+00-7.87500E-01 0.00000E+00 0.00000E+00
   502 0.00000E+00-2.17500E+00 0.00000E+00 7.87499E-01 0.00000E+00 0.00000E+00
   503 0.00000E+00-2.17500E+00 0.00000E+00-7.87499E-01 0.00000E+00 0.00000E+00
   504 0.00000E+00-2.17500E+00 0.00000E+00 7.87499E-01 0.00000E+00 0.00000E+00
   505 0.00000E+00-2.17500E+00 0.00000E+00-7.87499E-01 0.00000E+00 0.00000E+00
   506 0.00000E+00-2.17500E+00 0.00000E+00 7.87499E-01 0.00000E+00 0.00000E+00
   507 0.00000E+00-2.17500E+00 0.00000E+00-7.87499E-01 0.00000E+00 0.00000E+00
   508 0.00000E+00-2.17500E+00 0.00000E+00 7.87499E-01 0.00000E+00 0.00000E+00
   509 0.00000E+00-2.17500E+00 0.00000E+00-7.87499E-01 0.00000E+00 0.00000E+00
   510 0.00000E+00-2.17500E+00 0.00000E+00 7.87501E-01 0.00000E+00 0.00000E+00
   511 0.00000E+00-2.17500E+00 0.00000E+00-7.87501E-01 0.00000E+00 0.00000E+00
   512 0.00000E+00-2.17500E+00 0.00000E+00 7.87501E-01 0.00000E+00 0.00000E+00
   513 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.      7
         LOADTYPE NONE   TITLE ARRIATES


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

                     X =   0.149999997E+02
                     Y =   0.314999994E+01
                     Z =   0.255000028E+02

   ***TOTAL APPLIED LOAD ( MTON METE ) SUMMARY (LOADING      7 )
       SUMMATION FORCE-X =           0.00
       SUMMATION FORCE-Y =         -34.80
       SUMMATION FORCE-Z =           0.00
```

STAAD SPACE   -- PAGE NO. 180


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


***TOTAL REACTION LOAD( MTON METE ) SUMMARY (LOADING    7 )
    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     7)
         MAXIMUMS    AT NODE
  X =  1.96837E-02      44
  Y = -3.64290E-01     589
  Z =  7.50030E-03     484
  RX=  1.73268E-03     566
  RY= -4.47095E-05     520
  RZ=  1.39264E-03     529
```


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
29	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-0.00	0.83	-0.00	-0.00	0.00	000000
31	0.00	0.00	0.00	0.00	0.00	0.00	
	0.04	0.00	0.93	-0.00	0.00	0.00	000000
39	0.00	0.00	0.00	0.00	0.00	0.00	
	0.18	0.00	-0.02	-0.00	-0.00	0.00	000000
41	0.00	0.00	0.00	0.00	0.00	0.00	
	0.26	0.00	-0.05	-0.00	-0.00	0.00	000000
43	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.74	0.00	-0.06	0.00	0.00	0.00	000000
53	0.00	0.00	0.00	0.00	0.00	0.00	
	0.15	-0.00	-0.38	0.00	-0.00	0.00	000000
54	0.00	0.00	0.00	0.00	0.00	0.00	
	0.18	0.00	0.14	0.00	-0.05	-0.00	000000
55	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
56	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.10	0.00	0.14	0.00	-0.05	-0.00	000000
67	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.32	-0.00	-0.07	-0.00	0.00	0.00	000000
77	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.01	-0.00	0.46	0.00	-0.00	0.00	000000
78	0.00	0.00	0.00	0.00	0.00	0.00	
	0.02	0.00	0.21	0.00	-0.04	-0.00	000000

80	0.00	0.00	0.00	0.00	0.00	0.00
	-0.01	-0.00	0.20	-0.00	-0.03	0.00	000000
89	0.00	0.00	0.00	0.00	0.00	0.00
	0.09	0.00	-0.10	-0.00	-0.00	0.00	000000
91	0.00	0.00	0.00	0.00	0.00	0.00
	-0.10	0.00	-0.10	0.00	0.00	0.00	000000
101	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	-0.00	-0.25	-0.00	-0.00	-0.00	000000
103	0.00	0.00	0.00	0.00	0.00	0.00
	0.02	-0.00	-0.26	-0.00	0.00	-0.00	000000
441	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.02	0.07	0.12	0.00	0.00	111111
442	0.00	0.00	0.00	0.00	0.00	0.00
	-0.01	-0.01	0.07	0.12	0.00	0.01	111111
443	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.01	0.07	0.13	0.00	-0.00	111111
448	0.00	0.00	0.00	0.00	0.00	0.00
	-0.00	0.09	0.08	0.13	0.00	0.00	111111
449	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.10	0.06	0.11	0.00	-0.01	111111
450	0.00	0.00	0.00	0.00	0.00	0.00
	-0.00	0.05	0.07	0.12	0.00	0.00	111111
458	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.16	0.01	0.03	0.00	-0.00	111111
459	0.00	0.00	0.00	0.00	0.00	0.00
	-0.00	0.13	0.01	0.03	0.00	0.00	111111
461	0.00	0.00	0.00	0.00	0.00	0.00
	-0.01	0.35	0.08	0.10	0.00	0.01	111111
462	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.39	0.08	0.11	0.00	0.00	111111
463	0.00	0.00	0.00	0.00	0.00	0.00
	-0.02	-0.22	0.07	0.16	0.00	0.02	111111
464	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	-4.07	-0.86	-0.66	0.00	-0.01	111111
465	0.00	0.00	0.00	0.00	0.00	0.00
	-0.01	-4.39	-0.95	-0.74	0.00	0.02	111111
466	0.00	0.00	0.00	0.00	0.00	0.00
	0.02	-0.28	0.06	0.15	0.00	-0.02	111111
467	0.00	0.00	0.00	0.00	0.00	0.00
	0.04	-0.01	0.12	0.20	0.00	-0.04	111111
468	0.00	0.00	0.00	0.00	0.00	0.00
	-0.29	-8.10	0.31	0.34	0.00	0.30	111111
469	0.00	0.00	0.00	0.00	0.00	0.00
	0.28	-8.60	0.35	0.37	0.00	-0.29	111111
470	0.00	0.00	0.00	0.00	0.00	0.00

```
   477      0.00       0.00       0.00       0.00       0.00       0.00
            0.01      -0.89       0.22       0.26       0.00      -0.00 111111

   603      0.00       0.00       0.00       0.00       0.00       0.00
           -0.00       0.10       0.02       0.02       0.00       0.00 111111
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   LOAD COMBINATION NO.    21
   1.1 (PP+CM+EQ+CVINST + SX+ 0.33 SZ)

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

   LOAD COMBINATION NO.    22
   1.1 (PP+CM+EQ+CVINST + SX- 0.33 SZ)

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

   LOAD COMBINATION NO.    23
   1.1 (PP+CM+EQ+CVINST - SX+ 0.33 SZ)

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

   LOAD COMBINATION NO.    24
   1.1 (PP+CM+EQ+CVINST - SX- 0.33 SZ)

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

   LOAD COMBINATION NO.    25
   1.1 (PP+CM+EQ+CVINST + 0.33 SX+ SZ)

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

   LOAD COMBINATION NO.    26
   1.1 (PP+CM+EQ+CVINST + 0.33 SX- SZ)

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

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

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

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

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

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

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


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


  786. LOAD LIST 20 TO 28
  787. PARAMETER 1
  788. CODE LRFD
  789. KX 1 MEMB 1 3 5 7 9 11 12 16 18 22 23 25 27 29 31 33 45 47 49 51 53 55 67 -
  790. 69 71 73 75 77 89 91 93 95 97 99 100 102 104 106 108 110 336 337 351 353 -
  791. 355 357 359 363 365 368 371 373 374 376 378 391 393 394 396 398 411 413 415 -
  792. 417 419 433 435 437 439 441 444 446 448 450 452 679 1008 TO 1014 1048 1050 -
  793. 1051 TO 1055 1057 TO 1066 1379 1380 1530 TO 1532 1536 1541 1544 1546 1547 -
  794. 1550 1551 1553 1555 1557 1558 1560 1561
  795. FU 45700 ALL
  796. FYLD 35150 ALL
  797. 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	0.447	28
		9.83 C	10.63	12.43	3.90
2 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.806	25
		1.02 C	3.65	12.43	0.00
3 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.543	21
		13.20 C	5.04	31.54	0.00
4 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.751	25
		1.02 C	3.39	11.62	0.00
5 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.514	21
		11.22 C	4.89	29.77	0.00
6 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.586	25
		1.02 C	2.28	11.18	0.00
7 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.511	21
		11.17 C	4.82	29.63	0.00
8 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.607	25
		1.02 C	2.42	11.22	0.00
9 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.514	21
		13.08 C	4.79	29.83	0.00
10 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.736	25
		1.02 C	3.02	13.14	0.00
11 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.405	25
		10.80 C	9.01	12.40	0.00
12 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.540	28
		9.48 C	14.23	12.33	3.90
13 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.801	25
		0.96 C	3.63	12.33	0.00
15 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.868	25
		1.82 C	3.39	16.39	0.00
16 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.623	28
		24.84 C	-15.42	-15.08	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

17	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.759	25
		1.75 C	8.08	20.99	0.00
18	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.592	28
		24.40 C	-14.91	-13.71	0.00
19	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.758	25
		1.82 C	2.41	17.42	0.00
21	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.754	25
		1.14 C	2.82	15.48	0.00
22	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.468	25
		9.89 C	11.58	12.08	0.00
23	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.628	23
		16.92 C	18.27	-10.18	3.90
24	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.659	25
		1.16 C	2.86	10.86	0.00
25	ST	W14X132	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.644	24
		32.63 C	24.77	23.27	3.90
26	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.882	25
		1.59 C	3.35	17.21	0.00
27	ST	W14X132	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.621	22
		23.70 C	-25.71	19.36	3.90
29	ST	W14X132	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	24
		23.75 C	27.44	20.82	3.90
30	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.683	25
		1.59 C	2.36	14.65	0.00
31	ST	W14X132	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.616	24
		32.16 C	24.16	21.19	3.90
32	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.874	25
		1.28 C	3.46	16.75	0.00
33	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.605	22
		16.86 C	18.04	-8.80	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

35	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.761	25
			1.46 C	9.81	14.70	0.00
37	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.834	25
			1.78 C	11.68	12.66	0.00
41	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.634	25
			1.44 C	8.11	12.44	0.00
43	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.666	25
			1.43 C	8.92	11.59	0.00
45	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.739	24
			21.63 C	21.63	11.50	3.90
46	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.709	25
			1.31 C	9.83	11.16	0.00
47	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.649	23
			47.64 C	-28.83	14.03	0.00
48	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.999	25
			1.60 C	11.52	24.41	0.00
49	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.781	21
			26.63 C	23.01	11.51	0.00
51	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.719	23
			15.97 C	-22.01	9.68	0.00
52	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.602	25
			1.29 C	7.90	11.14	0.00
53	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.626	21
			40.64 C	28.54	12.50	0.00
54	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.805	25
			1.29 C	8.85	21.22	0.00
55	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.724	21
			21.50 C	21.55	10.51	0.00
57	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.717	25
			1.18 C	9.94	11.26	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

59 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.791	25
		1.19 C	11.43	10.77	0.00
63 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.576	25
		1.19 C	7.75	9.93	0.00
65 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.640	25
		1.18 C	8.89	9.97	0.00
67 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.652	24
		20.62 C	20.82	6.38	3.90
68 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.675	25
		1.25 C	2.85	11.57	0.00
69 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.572	24
		40.17 C	25.59	12.14	3.90
70 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.907	25
		1.25 C	3.23	19.00	0.00
71 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.611	22
		26.00 C	-29.22	10.65	3.90
72 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.622	25
		0.33 C	3.04	8.35	0.00
73 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.653	24
		27.53 C	29.90	14.15	3.90
74 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	21
		3.65 C	0.74	22.89	0.00
75 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.580	24
		40.63 C	26.15	11.96	3.90
76 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.825	25
		1.25 C	2.53	19.60	0.00
77 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.640	21
		20.58 C	20.80	5.51	0.00
79 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.701	25
		1.40 C	2.87	12.49	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

81	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.740	25
			1.41 C	3.22	12.12	0.00
83	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.542	25
			0.76 C	2.28	9.36	0.00
85	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.559	25
			1.41 C	2.09	11.09	0.00
87	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.620	25
			1.41 C	2.54	11.04	0.00
89	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.709	27
			14.59 C	20.47	-12.18	0.00
90	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.834	25
			1.58 C	10.15	18.35	0.00
91	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.678	24
			35.14 C	15.89	45.81	3.90
92	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.956	25
			1.58 C	11.31	22.29	0.00
93	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.673	24
			31.88 C	-14.97	-47.36	0.00
94	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.776	25
			1.58 C	8.08	22.10	0.00
95	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.676	24
			34.61 C	16.39	44.61	3.90
96	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.701	25
			1.36 C	7.07	20.86	0.00
97	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.711	24
			29.45 C	-15.51	-51.10	0.00
98	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.841	25
			1.58 C	8.97	23.22	0.00
99	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.622	26
			14.88 C	17.51	-11.43	3.90

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

==

100	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.362	28
		8.81 C	8.27	10.75	3.90
101	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.665	21
		2.08 C	1.02	21.51	0.00
102	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.521	24
		7.87 C	-4.65	-31.14	0.00
103	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.690	25
		0.94 C	3.18	10.36	0.00
104	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.507	24
		8.52 C	-4.37	-30.50	0.00
105	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.575	21
		2.08 C	0.73	19.43	0.00
106	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.505	22
		9.47 C	-3.72	31.66	0.00
107	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.591	21
		1.37 C	0.95	18.93	0.00
108	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.559	24
		2.49 C	-4.36	-35.24	0.00
109	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	21
		2.08 C	0.94	19.91	0.00
110	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.339	22
		9.61 C	-2.92	20.08	0.00
111	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.513	25
		0.00 C	0.00	10.62	0.00
112	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.662	21
		0.19 C	4.01	4.00	0.00
113	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.891	25
		0.00 C	0.00	18.44	0.00
114	ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	28
		0.00 C	0.00	25.54	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
115 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.870	25
		0.00 C	0.00	18.02	0.00
116 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.917	28
		0.00 C	0.00	18.99	6.00
117 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.878	25
		0.00 C	0.00	18.17	0.00
118 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.779	28
		0.00 C	0.00	16.12	6.00
119 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	25
		0.00 C	0.00	11.47	0.00
120 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	28
		0.00 C	0.00	11.29	6.00
121 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.791	28
		0.00 C	0.00	16.37	6.00
122 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.609	25
		0.00 C	0.00	32.88	0.00
123 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.698	28
		0.00 C	0.00	37.70	6.00
124 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.583	25
		0.00 C	0.00	31.51	0.00
125 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.579	28
		0.00 C	0.00	31.31	6.00
126 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.568	25
		0.00 C	0.00	30.67	0.00
127 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.497	28
		0.00 C	0.00	26.88	6.00
128 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.713	25
		0.00 C	0.00	14.76	0.00
129 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.531	28
		0.00 C	0.00	11.00	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===					
130 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.753	28
		0.00 C	0.00	15.59	6.00
131 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.519	25
		0.00 C	0.00	28.04	0.00
132 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.537	28
		0.00 C	0.00	29.03	6.00
133 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.476	25
		0.00 C	0.00	25.75	0.00
134 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.651	24
		0.28 T	-3.35	-7.01	0.00
135 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.538	25
		0.00 C	0.00	29.10	0.00
136 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.511	28
		0.00 C	0.00	27.62	6.00
137 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	25
		0.00 C	0.00	14.58	0.00
138 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.520	28
		0.00 C	0.00	10.76	6.00
139 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.735	28
		0.00 C	0.00	15.22	6.00
140 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.512	25
		0.00 C	0.00	27.64	0.00
141 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.529	28
		0.00 C	0.00	28.59	6.00
142 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.472	25
		0.00 C	0.00	25.49	0.00
143 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.659	24
		0.28 T	-3.35	-7.33	0.00
144 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.551	25
		0.00 C	0.00	29.76	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
145 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.517	28
		0.00 C	0.00	27.96	6.00
146 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	25
		0.00 C	0.00	14.57	0.00
147 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.512	28
		0.00 C	0.00	10.59	6.00
148 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.726	28
		0.00 C	0.00	15.03	6.00
149 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	25
		0.00 C	0.00	29.84	0.00
150 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.601	28
		0.00 C	0.00	32.49	6.00
151 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	25
		0.00 C	0.00	29.47	0.00
152 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.551	28
		0.00 C	0.00	29.78	6.00
153 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	25
		0.00 C	0.00	29.83	0.00
154 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.463	28
		0.00 C	0.00	25.04	6.00
155 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.821	21
		1.03 C	4.36	8.02	0.00
156 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.435	25
		0.00 C	0.00	9.00	0.00
157 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.653	21
		0.17 C	4.01	3.66	0.00
158 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.799	25
		0.00 C	0.00	16.54	0.00
159 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.433	28
		0.00 C	0.00	23.38	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
160 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.788	25
		0.00 C	0.00	16.32	0.00
161 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.819	28
		0.00 C	0.00	16.95	6.00
162 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.809	25
		0.00 C	0.00	16.75	0.00
163 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.700	28
		0.00 C	0.00	14.48	6.00
164 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.496	25
		0.00 C	0.00	10.28	0.00
165 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.904	24
		0.28 C	3.35	16.43	3.00
166 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.915	24
		0.28 C	3.35	16.83	3.00
167 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.297	25
		0.84 T	-0.55	-4.05	2.00
168 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.418	28
		0.00 C	-1.90	-6.47	0.00
169 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.790	28
		1.02 C	3.42	13.07	2.00
170 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.403	28
		0.08 T	-1.87	-6.01	0.00
171 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.365	28
		0.80 T	-1.77	-5.11	0.00
172 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.744	20
		0.00 C	0.00	-7.43	3.00
173 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.747	20
		0.00 C	0.00	-7.45	3.00
174 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.341	28
		0.00 C	-1.73	-4.25	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

===

175	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.726	28
			1.02 C	3.29	11.15	2.00
176	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.437	28
			0.00 C	-1.73	-8.21	0.00
177	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.879	28
			1.82 C	3.29	17.46	2.00
178	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.550	20
			0.00 C	0.00	5.49	6.00
179	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.542	20
			0.00 C	0.00	5.41	6.00
180	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.263	28
			0.00 C	-1.14	-4.36	0.00
181	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.584	28
			1.02 C	2.27	11.13	2.00
182	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.360	28
			0.00 C	-4.05	-9.20	0.00
183	ST	W16X67		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.757	28
			1.75 C	8.06	20.88	2.00
184	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.688	20
			0.00 C	0.00	6.86	6.00
185	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.688	20
			0.00 C	0.00	6.86	6.00
186	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.275	28
			0.00 C	-1.21	-4.47	0.00
187	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.614	28
			1.02 C	2.42	11.52	2.00
188	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.362	25
			0.00 C	-1.20	-8.14	2.00
189	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.736	28
			1.82 C	2.41	16.58	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

190 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.546	20
		0.01 C	0.00	5.45	6.00
191 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.555	20
		0.01 C	0.00	5.54	6.00
192 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	25
		0.00 C	-1.68	-6.46	2.00
193 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	28
		1.02 C	3.22	12.40	2.00
194 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.376	25
		0.08 T	-1.64	-6.17	2.00
195 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.735	28
		0.96 C	3.20	12.07	2.00
196 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.747	20
		0.00 C	0.00	-7.45	3.00
197 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.744	20
		0.00 C	0.00	-7.43	3.00
198 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.427	28
		0.04 T	-1.52	-9.01	0.00
199 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.275	25
		0.82 T	-1.47	-3.01	0.60
200 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.490	21
		0.66 T	-1.22	-4.56	3.00
202 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.428	25
		0.00 C	-1.58	-8.69	2.00
203 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.800	28
		1.59 C	3.24	14.46	2.00
204 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.766	20
		0.00 C	0.00	7.64	6.00
205 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.778	20
		0.00 C	0.00	7.77	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
206 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.366	28
		0.00 C	-1.18	-8.40	0.00
207 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.739	28
		1.59 C	2.36	17.01	2.00
208 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.764	20
		0.03 C	0.00	7.62	6.00
209 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.747	20
		0.03 C	0.00	7.45	6.00
210 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.399	25
		0.04 T	-1.33	-8.93	2.00
211 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.607	28
		1.16 C	2.50	10.71	2.00
213 ST W14X30			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.491	21
		0.65 T	-1.22	-4.58	3.00
214 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.404	25
		0.03 T	-5.23	-7.78	2.00
215 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.720	28
		1.50 C	10.19	10.52	2.00
216 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.449	28
		0.16 T	-5.99	-8.01	0.00
217 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.809	28
		1.62 C	11.24	12.65	2.00
218 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.355	28
		0.00 C	-4.06	-8.82	0.00
219 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.644	28
		1.44 C	8.09	13.22	2.00
220 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.356	28
		0.00 T	-4.57	-6.98	0.00
221 ST W16X67			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.668	28
		1.43 C	8.59	12.98	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

222 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.662	20
		0.00 C	0.00	-6.61	3.00
223 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.685	20
		0.00 C	0.00	6.83	0.00
224 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.766	20
		0.00 C	0.00	7.64	0.00
225 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.779	20
		0.00 C	0.00	7.77	0.00
226 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.765	20
		0.04 C	0.00	7.62	0.00
227 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.747	20
		0.04 C	0.00	7.45	0.00
228 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.671	20
		0.00 C	0.00	6.69	0.00
229 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.639	20
		0.00 C	0.00	-6.37	3.00
230 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.436	28
		0.03 T	-4.82	-11.50	0.00
231 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.897	28
		1.34 C	10.11	22.78	2.00
232 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.507	25
		0.14 T	-5.41	-14.06	2.00
233 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.787	28
		1.45 C	11.10	11.69	2.00
234 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	28
		0.00 C	-3.95	-13.05	0.00
235 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.758	28
		1.29 C	7.88	21.66	2.00
236 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.404	25
		0.00 T	-4.22	-11.53	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

237 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.641	28
		1.29 C	8.60	11.11	2.00
238 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.794	20
		0.00 C	0.00	10.03	6.00
239 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.874	20
		0.00 C	0.00	8.72	6.00
240 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.786	20
		0.00 C	0.00	9.93	6.00
241 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.928	20
		0.00 C	0.00	11.72	6.00
242 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.823	20
		0.09 C	0.00	10.39	6.00
243 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.793	20
		0.09 C	0.00	10.01	6.00
244 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.862	20
		0.00 C	0.00	8.60	6.00
245 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.766	20
		0.00 C	0.00	9.69	6.00
246 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.373	28
		0.00 T	-4.90	-6.91	0.00
247 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	28
		1.18 C	10.14	9.65	2.00
248 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.404	25
		0.00 C	-5.45	-7.01	2.00
249 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.746	28
		1.19 C	11.11	8.90	2.00
250 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.328	28
		0.00 C	-3.88	-7.71	0.00
251 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	28
		1.19 C	7.74	11.09	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

```
========================================================================


  252  ST  W16X67                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-T      0.342           25
                0.00 T          -4.29           -7.15           2.00
  253  ST  W16X67                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.640           28
                1.18 C           8.70           10.69           2.00
  254  ST  W14X34                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.794           20
                0.00 C           0.00           10.04           0.00
  255  ST  W14X30                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.874           20
                0.00 C           0.00            8.72           0.00
  256  ST  W14X34                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.786           20
                0.00 C           0.00            9.93           0.00
  257  ST  W14X34                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.927           20
                0.00 C           0.00           11.72           0.00
  258  ST  W14X34                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.823           20
                0.14 C           0.00           10.39           0.00
  259  ST  W14X34                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.794           20
                0.14 C           0.00           10.01           0.00
  260  ST  W14X30                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.862           20
                0.00 C           0.00            8.60           0.00
  261  ST  W14X34                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.767           20
                0.00 C           0.00            9.69           0.00
  262  ST  W16X45                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-T      0.454           28
                0.00 T          -1.41          -10.72           0.00
  263  ST  W16X45                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.878           28
                1.25 C           2.89           19.76           2.00
  264  ST  W16X45                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.445           25
                0.00 C          -1.55           -9.60           2.00
  265  ST  W16X45                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.787           28
                1.25 C           3.15           14.47           2.00
  266  ST  W16X45                  (AISC SECTIONS)
                        PASS    LRFD-H1-1B-C      0.382           28
                0.00 C          -1.08           -9.68           0.00
```

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

===

267 ST	W16X45	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.765	24
		3.65 C	0.75	27.09	2.00
268 ST	W16X45	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-T	0.427	25
		0.00 T	-1.24	-10.62	2.00
269 ST	W16X45	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.640	24
		3.64 C	0.94	20.80	2.00
270 ST	W14X34	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.771	20
		0.00 C	0.00	9.74	6.00
271 ST	W14X30	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.830	20
		0.00 C	0.00	8.28	6.00
272 ST	W14X34	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.795	20
		0.00 C	0.00	10.05	6.00
273 ST	W14X34	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.814	20
		0.00 C	0.00	10.29	6.00
274 ST	W14X34	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.832	20
		0.20 C	0.00	10.49	6.00
275 ST	W14X34	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.824	20
		0.20 C	0.00	10.39	6.00
276 ST	W14X30	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.834	20
		0.00 C	0.00	8.32	6.00
277 ST	W14X34	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.778	20
		0.00 C	0.00	9.84	6.00
278 ST	W16X45	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-T	0.359	28
		0.00 T	-1.43	-6.72	0.00
279 ST	W16X45	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.668	28
		1.41 C	2.89	10.98	2.00
280 ST	W16X45	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.346	25
		0.00 C	-1.56	-5.45	2.00
281 ST	W16X45	(AISC SECTIONS)			
		PASS	LRFD-H1-1B-C	0.699	28
		1.41 C	3.15	10.81	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
282 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.290	28
		0.00 C	-1.05	-6.03	0.00
283 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.588	28
		1.41 C	2.09	12.30	2.00
284 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.334	25
		0.00 T	-1.25	-6.71	2.00
285 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.640	28
		1.40 C	2.51	12.04	2.00
286 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.771	20
		0.00 C	0.00	9.74	0.00
287 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.830	20
		0.00 C	0.00	8.28	0.00
288 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.795	20
		0.00 C	0.00	10.05	0.00
289 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.814	20
		0.00 C	0.00	10.29	0.00
290 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.832	20
		0.22 C	0.00	10.49	0.00
291 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.825	20
		0.22 C	0.00	10.39	0.00
292 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.834	20
		0.00 C	0.00	8.32	0.00
293 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.778	20
		0.00 C	0.00	9.84	0.00
294 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.460	28
		0.00 C	-5.05	-12.20	0.00
295 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.922	28
		1.58 C	10.21	24.04	2.00
296 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.456	28
		0.00 C	-5.72	-9.49	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
297 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.947	28
		1.58 C	11.12	22.39	2.00
298 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.238	25
		0.00 C	-1.13	-3.40	2.00
299 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.524	28
		0.76 C	2.27	8.66	2.00
300 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.366	28
		0.00 C	-4.05	-9.61	0.00
301 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.769	28
		1.58 C	8.06	21.73	2.00
302 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.305	28
		0.00 C	-3.55	-7.39	0.00
303 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.706	28
		1.36 C	7.07	21.16	2.00
304 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.421	25
		0.00 C	-4.41	-12.01	2.00
305 ST	W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.765	28
		1.58 C	8.88	18.41	2.00
306 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.862	20
		0.00 C	0.00	8.60	6.00
307 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.813	20
		0.00 C	0.00	8.12	6.00
308 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.895	20
		0.00 C	0.00	8.93	6.00
309 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.892	20
		0.00 C	0.00	8.90	6.00
310 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.879	20
		0.00 C	0.00	8.77	6.00
311 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.872	20
		0.00 C	0.00	8.70	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

===

312	ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.918	24
		2.84 C	0.00	8.75	6.00
313	ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.947	24
		2.88 C	0.00	9.03	6.00
314	ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.818	20
		0.00 C	0.00	8.16	6.00
315	ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.872	20
		0.00 C	0.00	8.70	6.00
316	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.324	28
		0.00 C	-1.42	-5.29	0.00
317	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.665	28
		0.94 C	2.87	11.04	2.00
318	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.315	28
		0.00 C	-1.61	-3.87	0.00
319	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.678	28
		0.94 C	3.12	10.13	2.00
320	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.262	25
		0.00 C	-1.13	-4.37	2.00
321	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	28
		0.94 C	2.27	9.52	2.00
322	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.449	28
		1.07 C	2.80	2.60	1.00
323	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.591	28
		0.45 C	2.74	8.78	2.00
324	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.304	25
		0.00 C	-1.24	-5.52	2.00
325	ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.651	24
		2.08 C	0.94	21.42	2.00
326	ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.862	20
		0.00 C	0.00	8.60	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

327	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.813	20
			0.00 C	0.00	8.11	0.00
328	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.895	20
			0.00 C	0.00	8.93	0.00
329	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.892	20
			0.00 C	0.00	8.90	0.00
330	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.879	20
			0.00 C	0.00	8.77	0.00
331	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.872	20
			0.00 C	0.00	8.70	0.00
332	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.669	24
			2.53 C	1.56	6.53	3.00
333	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.679	24
			2.56 C	1.56	6.71	3.00
334	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.818	20
			0.00 C	0.00	8.16	0.00
335	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.872	20
			0.00 C	0.00	8.70	0.00
336	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.619	25
			23.68 C	16.08	13.45	0.00
337	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.569	24
			24.15 C	5.63	31.45	3.90
338	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.567	25
			0.85 C	2.28	10.40	0.00
339	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.217	28
			0.00 C	-1.14	-2.46	0.00
340	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.562	28
			0.85 C	2.27	10.24	2.00
341	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.688	20
			0.00 C	0.00	6.86	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

342 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.688	20
		0.00 C	0.00	6.86	0.00
343 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.252	25
		0.00 C	1.52	1.73	0.00
344 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.621	28
		0.33 C	3.03	8.36	2.00
345 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.295	28
		0.00 C	-0.55	-4.08	0.83
346 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.296	28
		0.84 T	-0.55	-4.05	0.00
347 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.089	20
		0.00 C	0.00	-1.86	1.50
348 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.089	20
		0.00 C	0.00	-1.86	1.50
350 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.954	21
		0.84 C	1.43	37.57	0.00
351 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.850	28
		34.96 C	20.64	21.46	3.15
352 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.820	25
		0.43 C	2.89	17.51	0.00
353 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.828	28
		32.14 C	20.00	21.25	3.15
354 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.848	21
		0.84 C	1.36	32.60	0.00
355 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.813	28
		31.81 C	19.41	21.32	3.15
356 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	21
		0.84 C	0.56	32.49	0.00
357 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.805	28
		34.16 C	18.92	21.57	3.15

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

358	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.893	21
		0.84 C	1.23	36.12	0.00
359	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.759	28
		29.18 C	18.66	18.80	3.15
361	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.962	25
		0.73 C	6.70	25.49	0.00
362	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.945	25
		0.73 C	6.63	24.70	0.00
363	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.939	28
		53.09 C	23.77	20.41	3.15
364	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.976	21
		1.55 C	1.36	39.23	0.00
365	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.915	28
		53.29 C	23.10	19.84	3.15
366	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.728	21
		1.56 C	1.28	45.04	0.00
367	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.891	21
		0.99 C	3.44	42.72	0.00
368	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.824	28
		22.58 C	21.76	18.03	3.15
370	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.884	25
		0.66 C	6.72	19.56	0.00
371	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.909	28
		83.68 C	13.26	75.17	3.15
372	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.964	25
		0.66 C	6.66	25.93	0.00
373	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.860	28
		66.73 C	12.51	72.35	3.15
374	ST	W14X132		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.873	28
		67.04 C	14.16	70.39	3.15

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

375	ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.627	21
		1.55 C	1.27	37.64	0.00
376	ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.853	28
		79.73 C	13.25	68.79	3.15
377	ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.812	25
		0.52 C	5.24	24.51	0.00
378	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.805	25
		30.19 C	-9.74	-41.15	3.15
380	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.325	25
		5.90 T	-0.89	-8.69	2.00
382	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.298	25
		5.20 T	-0.89	-7.34	2.00
385	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.224	25
		3.68 T	-0.42	-7.75	2.00
387	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.336	25
		2.98 T	-0.73	-10.95	2.00
390	ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.852	25
		0.54 C	8.30	19.98	0.00
391	ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.915	25
		116.26 C	-11.81	-76.05	3.15
392	ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.941	25
		0.54 C	8.24	28.27	0.00
393	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.938	25
		85.21 C	-8.08	-50.65	3.15
394	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.924	21
		82.87 C	-23.80	-16.63	3.15
395	ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.573	25
		0.54 C	3.91	24.61	0.00
396	ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.864	21
		105.88 C	-33.72	-24.99	3.15

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==					
397 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.889	25
		0.54 C	7.27	30.17	0.00
398 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.865	21
		41.45 C	-23.44	-16.20	3.15
400 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.302	25
		4.64 T	-0.89	-7.59	2.00
402 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.274	25
		4.07 T	-0.90	-6.09	2.00
405 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.186	25
		3.46 T	-0.40	-5.95	2.00
407 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.268	25
		2.41 T	-0.76	-7.22	2.00
410 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.846	25
		0.54 C	8.28	19.55	0.00
411 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.878	24
		109.71 C	34.82	24.02	3.15
412 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.947	25
		0.54 C	8.25	28.72	0.00
413 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.857	21
		86.33 C	-35.92	-21.30	3.15
414 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.811	25
		0.25 C	8.33	16.18	0.00
415 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.875	24
		90.37 C	35.89	23.15	3.15
416 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.570	21
		1.58 C	1.41	41.01	0.00
417 ST	W14X132		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.867	24
		111.70 C	35.06	21.97	3.15
418 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.892	25
		0.54 C	7.33	29.95	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
419	ST	W14X90		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.859	21
		41.31 C	-23.72	-15.09	3.15
421	ST	W21X50		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-T	0.326	25
		5.60 T	-0.89	-8.80	2.00
423	ST	W21X50		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-T	0.303	25
		5.00 T	-0.91	-7.51	2.00
425	ST	W21X50		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-T	0.272	25
		3.49 T	-0.77	-7.66	1.50
427	ST	W21X50		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-T	0.291	20
		2.15 T	0.00	-15.13	2.00
429	ST	W21X50		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-T	0.292	25
		3.07 T	-0.77	-8.34	2.00
432	TC	W21X73		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.917	21
		1.63 C	4.76	63.87	0.00
433	ST	W14X132		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.981	28
		85.06 C	39.47	29.00	3.15
434	ST	W21X73		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.983	25
		0.65 C	8.17	32.45	0.00
435	ST	W14X132		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.961	28
		82.73 C	38.51	28.79	3.15
436	ST	W21X73		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.909	21
		1.63 C	3.35	58.14	0.00
437	ST	W14X132		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.945	28
		76.17 C	37.82	28.80	3.15
438	TC	W21X73		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.711	21
		1.61 C	1.90	60.84	0.00
439	ST	W14X132		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.948	24
		79.57 C	15.12	76.37	3.15
440	ST	W21X73		(AISC SECTIONS)	
		PASS	LRFD-H1-1B-C	0.989	21
		1.63 C	4.03	60.71	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
441 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.893	24
		63.55 C	9.91	45.04	3.15
443 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.966	21
		0.89 C	1.42	38.25	0.00
444 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.848	28
		29.86 C	21.22	20.49	3.15
445 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.800	21
		0.89 C	1.08	32.52	0.00
446 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.829	28
		28.37 C	20.58	20.40	3.15
447 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.829	21
		0.89 C	1.19	33.08	0.00
448 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.820	24
		26.67 C	6.49	49.55	3.15
449 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.721	21
		1.31 C	0.62	34.60	0.00
450 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.645	28
		14.73 T	-17.51	-13.51	0.00
451 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.889	21
		0.89 C	1.43	34.09	0.00
452 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.760	24
		29.05 C	6.42	44.68	3.15
453 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.627	25
		0.00 C	0.00	25.85	0.00
454 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.733	28
		0.00 C	0.00	30.23	6.00
455 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.723	21
		1.66 C	13.90	35.23	0.00
456 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.819	24
		2.37 C	13.90	47.16	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

457	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.780	21
		1.81 C	13.96	42.10	0.00
458	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.806	24
		2.01 C	13.96	45.36	6.00
459	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.819	21
		1.85 C	14.84	43.47	0.00
460	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.745	24
		1.85 T	-14.84	-34.25	0.00
461	ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.632	25
		0.00 C	0.00	26.06	0.00
462	ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.630	25
		0.00 C	0.00	26.01	0.00
463	ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.915	28
		0.00 C	0.00	37.75	6.00
464	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.889	21
		2.00 C	14.02	55.70	0.00
465	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.843	24
		2.32 C	12.36	58.31	5.50
466	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.904	21
		2.04 C	13.97	57.65	0.00
467	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.910	24
		2.25 C	13.97	58.37	6.00
468	TC	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.866	21
		2.57 C	18.30	65.14	0.00
469	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.889	24
		2.02 T	-16.92	-44.16	0.00
470	ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.799	25
		0.00 C	0.00	32.96	0.00
471	ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.612	25
		0.00 C	0.00	25.25	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
472 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.902	28
		0.00 C	0.00	37.19	6.00
473 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.940	21
		1.93 C	18.58	52.11	0.00
474 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.574	24
		1.58 T	-9.94	-38.42	0.00
475 TC	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.847	21
		2.51 C	21.31	61.62	0.00
477 TC	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.949	21
		2.37 C	23.55	70.57	0.00
478 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.784	24
		1.84 C	14.07	42.24	6.00
479 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.769	25
		0.00 C	0.00	31.74	0.00
480 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	25
		0.00 C	0.00	24.52	0.00
481 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.883	28
		0.00 C	0.00	36.41	6.00
482 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.966	21
		4.78 C	19.36	51.86	0.00
483 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.581	24
		3.95 T	-10.45	-36.81	0.00
484 TC	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.877	21
		6.41 C	22.21	62.65	0.00
486 TC	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.984	21
		5.87 C	24.26	73.31	0.00
487 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.797	24
		2.31 C	14.29	42.80	6.00
488 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.766	25
		0.00 C	0.00	31.58	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

489	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.577	25
			0.00 C	0.00	23.79	0.00
490	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.837	28
			0.00 C	0.00	34.53	6.00
491	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.875	21
			1.37 C	14.74	51.10	0.00
492	TC	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.864	24
			2.59 C	16.99	69.65	6.00
493	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.895	21
			1.78 C	13.89	56.93	0.00
494	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.907	24
			2.04 C	13.89	58.45	6.00
495	TC	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.869	21
			2.33 C	18.19	66.01	0.00
496	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.907	24
			1.84 T	-16.82	-46.85	0.00
497	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.615	25
			2.50 C	1.12	34.11	0.00
498	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.540	25
			0.00 C	0.00	22.27	0.00
499	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.306	28
			0.45 T	-0.83	-15.45	0.00
500	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.707	21
			1.36 C	13.74	33.88	0.00
501	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.800	24
			2.08 C	13.74	45.53	6.00
502	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.767	21
			1.54 C	13.84	41.02	0.00
503	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.781	24
			1.74 C	13.84	42.82	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
========	=======	========	===============	=======	==========
504 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.809	21
		1.60 C	14.72	42.81	0.00
505 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.729	24
		1.60 T	-14.72	-32.86	0.00
506 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.582	25
		0.00 C	0.00	24.01	0.00
510 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.407	24
		0.00 C	-0.71	-15.16	0.00
511 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.910	24
		0.84 C	1.42	35.27	2.00
512 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.491	28
		0.00 C	-3.35	-13.49	0.00
513 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.971	28
		0.73 C	6.69	26.21	2.00
514 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.425	20
		0.00 C	0.00	-5.90	2.50
515 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.431	20
		0.00 C	0.00	6.00	6.00
516 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.370	28
		0.00 C	-1.46	-6.55	0.00
517 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.816	28
		0.43 C	2.86	17.52	2.00
518 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.437	25
		0.00 C	-3.26	-10.16	2.00
519 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.951	28
		0.73 C	6.57	25.56	2.00
520 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	20
		0.00 C	0.00	-5.87	2.50
521 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.426	20
		0.00 C	0.00	-5.92	2.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

522	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.394	28
		0.00 C	-1.61		-6.48	0.00
523	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.835	24
		0.84 C	1.29		32.51	2.00
524	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.474	28
		0.00 C	-1.62		-10.60	0.00
525	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.965	24
		1.55 C	1.29		39.30	2.00
526	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.545	20
		0.00 T	0.00		7.58	6.00
527	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.545	20
		0.00 C	0.00		7.57	6.00
528	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.270	24
		0.00 C	-0.28		-11.76	0.00
529	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.713	24
		0.84 C	0.57		32.50	2.00
530	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.291	28
		0.00 C	-1.65		-10.33	0.00
531	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.686	24
		1.56 C	1.29		41.82	2.00
532	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.425	20
		0.01 C	0.00		-5.90	2.50
533	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.423	20
		0.01 C	0.00		-5.87	2.50
534	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.361	28
		0.00 C	-1.35		-7.05	0.00
535	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.871	24
		0.84 C	0.85		38.27	2.00
536	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.323	28
		0.03 T	-2.40		-7.59	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

537 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.784	24
		0.86 C	2.00	44.37	2.00
538 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.613	20
		0.00 C	0.00	-8.52	3.00
539 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.611	20
		0.00 C	0.00	-8.49	3.00
540 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.501	28
		0.00 C	-3.36	-14.16	0.00
541 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.980	28
		0.66 C	6.71	26.75	2.00
542 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.786	20
		0.00 C	0.00	10.93	6.00
543 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.714	20
		0.00 T	0.00	9.92	6.00
544 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.459	25
		0.00 C	-3.27	-11.68	2.00
545 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.906	28
		0.66 C	6.59	22.05	2.00
546 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.786	20
		0.00 C	0.00	10.93	6.00
547 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.817	20
		0.00 C	0.00	11.36	6.00
548 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.304	28
		0.00 C	-1.64	-11.41	0.00
549 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.657	24
		1.55 C	1.29	39.74	2.00
550 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.788	20
		0.02 C	0.00	10.95	6.00
551 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.776	20
		0.02 C	0.00	10.77	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==					
552 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.466	25
		0.02 T	-3.15	-13.06	2.00
553 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.819	28
		0.49 C	6.16	18.55	2.00
555 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.250	21
		2.95 T	-0.45	-4.52	3.00
556 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.321	28
		3.46 T	-0.89	-8.69	0.00
557 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.312	28
		3.65 T	-0.89	-8.26	0.00
558 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.295	28
		3.20 T	-0.89	-7.34	0.00
559 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.296	28
		5.53 T	-0.86	-7.45	0.00
560 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.224	25
		2.08 T	-0.44	-7.75	2.00
561 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.228	28
		4.47 T	-0.44	-7.75	0.00
562 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.340	25
		2.86 T	-0.86	-10.03	2.00
563 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.344	28
		5.30 T	-0.86	-10.03	0.00
564 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.787	20
		0.00 C	0.00	10.93	0.00
565 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.714	20
		0.00 T	0.00	9.92	0.00
566 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.787	20
		0.00 C	0.00	10.93	0.00
567 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.818	20
		0.00 C	0.00	11.36	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

568 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.789	20
		0.03 C	0.00	10.95	0.00
569 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.776	20
		0.04 C	0.00	10.78	0.00
570 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.754	20
		0.00 T	0.00	10.48	0.00
571 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.663	20
		0.00 C	0.00	-9.22	3.00
572 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	28
		0.00 C	-4.15	-16.79	0.00
573 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.967	28
		0.54 C	8.28	30.29	2.00
574 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.446	28
		0.00 C	-4.16	-11.68	0.00
575 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.891	28
		0.54 C	8.13	24.53	2.00
576 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.284	25
		0.00 C	-2.00	-11.77	2.00
577 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	24
		1.56 C	1.53	44.13	2.00
578 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.485	25
		0.00 C	-3.93	-16.68	2.00
579 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.799	28
		0.54 C	7.62	19.77	2.00
580 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.817	20
		0.00 C	0.00	16.91	6.00
581 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.731	20
		0.00 C	0.00	15.13	6.00
582 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.833	20
		0.00 C	0.00	17.25	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===	===	===	===	===	===
583 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.864	20
		0.00 T	0.00	17.88	6.00
584 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.845	20
		0.04 C	0.00	17.48	6.00
585 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.830	20
		0.04 C	0.00	17.17	6.00
586 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.741	20
		0.00 C	0.00	15.33	6.00
587 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.781	20
		0.00 C	0.00	16.16	6.00
588 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.299	28
		2.82 T	-0.89	-7.59	0.00
589 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.290	28
		2.74 T	-0.89	-7.15	0.00
590 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.271	28
		2.42 T	-0.90	-6.09	0.00
591 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.268	28
		4.16 T	-0.86	-6.11	0.00
592 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.187	25
		1.82 T	-0.42	-5.96	2.00
593 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.190	28
		3.50 T	-0.42	-5.96	0.00
594 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.290	25
		2.50 T	-0.85	-7.53	2.00
595 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.293	28
		4.31 T	-0.85	-7.53	0.00
596 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.817	20
		0.00 C	0.00	16.91	0.00
597 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.731	20
		0.00 C	0.00	15.13	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===					
598 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.833	20
		0.00 C	0.00	17.25	0.00
599 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.864	20
		0.00 T	0.00	17.88	0.00
600 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.845	20
		0.05 C	0.00	17.48	0.00
601 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.830	20
		0.06 C	0.00	17.17	0.00
602 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.740	20
		0.00 C	0.00	15.33	0.00
603 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.781	20
		0.00 C	0.00	16.17	0.00
604 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.500	28
		0.00 C	-4.14	-16.58	0.00
605 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.968	28
		0.54 C	8.27	30.42	2.00
606 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.458	25
		0.00 C	-4.00	-13.86	2.00
607 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.876	28
		0.54 C	8.10	23.44	2.00
608 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.294	28
		0.00 C	-1.80	-14.00	0.00
609 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.633	24
		1.58 C	1.45	46.41	2.00
610 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.478	25
		0.00 C	-3.89	-16.36	2.00
611 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.797	28
		0.54 C	7.59	19.73	2.00
612 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.798	20
		0.00 C	0.00	16.52	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===					
613 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.730	20
		0.00 C	0.00	15.10	6.00
614 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.828	20
		0.00 T	0.00	17.14	6.00
615 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.838	20
		0.00 C	0.00	17.35	6.00
616 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.854	20
		0.06 C	0.00	17.66	6.00
617 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.849	20
		0.06 C	0.00	17.56	6.00
618 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.732	20
		0.00 C	0.00	15.16	6.00
619 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.805	20
		0.00 C	0.00	16.66	6.00
620 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.322	28
		3.00 T	-0.89	-8.80	0.00
621 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.317	28
		3.35 T	-0.89	-8.55	0.00
622 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.299	28
		2.60 T	-0.91	-7.51	0.00
623 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.296	28
		4.72 T	-0.85	-7.64	0.00
624 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.292	20
		2.15 T	0.00	-15.19	1.00
625 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.291	20
		2.15 T	0.00	-15.14	0.00
626 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.310	25
		2.68 T	-0.84	-8.66	2.00
627 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.314	28
		5.27 T	-0.84	-8.66	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

628 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.798	20
		0.00 C	0.00	16.52	0.00
629 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.730	20
		0.00 C	0.00	15.10	0.00
630 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.828	20
		0.00 T	0.00	17.14	0.00
631 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.838	20
		0.00 C	0.00	17.35	0.00
632 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.854	20
		0.08 C	0.00	17.66	0.00
633 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.849	20
		0.08 C	0.00	17.56	0.00
634 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.732	20
		0.00 T	0.00	15.16	0.00
635 ST W16X45			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.805	20
		0.00 C	0.00	16.66	0.00
636 ST W21X73			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.520	28
		0.00 C	-4.38	-16.79	0.00
637 TC W21X73			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.963	28
		0.68 C	9.73	37.25	2.00
638 ST W21X73			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.483	25
		0.03 T	-4.30	-14.04	2.00
639 TC W21X73			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.932	28
		0.71 C	9.57	35.06	2.00
640 ST W21X50			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.378	25
		3.23 T	-1.10	-10.69	1.00
641 ST W21X50			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.414	21
		7.57 T	-0.88	-14.38	0.50
642 ST W21X73			(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.439	28
		0.00 C	-3.90	-12.81	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
643	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.890	24
			1.63 C	3.31	56.72	2.00
644	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.422	28
			0.09 T	-4.16	-9.59	0.00
645	TC	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.355	28
			0.46 T	-4.17	-10.04	0.00
646	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.472	25
			0.00 C	-3.84	-16.21	2.00
647	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.985	24
			1.63 C	4.18	59.38	2.00
648	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.852	20
			0.00 T	0.00	11.85	6.00
649	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.812	20
			0.00 C	0.00	11.29	6.00
650	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.886	20
			0.00 C	0.00	12.31	6.00
651	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.883	20
			0.00 C	0.00	12.27	6.00
652	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.807	20
			0.03 C	0.00	11.21	6.00
653	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.806	20
			0.01 T	0.00	11.20	6.00
654	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.724	20
			0.08 C	0.00	-10.05	2.50
655	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.725	20
			0.08 C	0.00	-10.07	2.50
656	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.810	20
			0.00 C	0.00	11.25	6.00
657	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.856	20
			0.00 C	0.00	11.90	6.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

===

```
  658  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.407          24
                    0.00 C         -0.71          -15.16         0.00
  659  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.911          24
                    0.89 C          1.42           35.34         2.00
  660  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.358          28
                    0.00 C         -1.49           -5.69         0.00
  661  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.796          24
                    0.89 C          1.05           32.59         2.00
  662  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.346          28
                    0.00 C         -1.38           -5.97         0.00
  663  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.804          24
                    0.89 C          1.18           31.87         2.00
  664  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.299          24
                    1.98 C          0.30           13.78         1.50
  665  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.768          24
                    1.44 C          0.26           32.79         3.00
  666  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.420          21
                    0.00 C         -0.76          -15.39         2.00
  667  ST  W21X50                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.972          24
                    0.89 C          1.48           37.98         2.00
  668  ST  W16X36                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.852          20
                    0.00 C          0.00           11.84         0.00
  669  ST  W16X36                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.812          20
                    0.00 C          0.00           11.29         0.00
  670  ST  W16X36                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.885          20
                    0.00 C          0.00           12.31         0.00
  671  ST  W16X36                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.883          20
                    0.00 C          0.00           12.27         0.00
  672  ST  W16X36                   (AISC SECTIONS)
                       PASS      LRFD-H1-1B-C       0.807          20
                    0.01 C          0.00           11.21         0.00
```

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

673 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.806	20
		0.00 T	0.00	11.20	0.00
674 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.457	28
		14.36 C	0.32	9.73	3.00
675 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.458	20
		0.02 C	0.00	-6.36	3.00
676 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.810	20
		0.00 C	0.00	11.25	0.00
677 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.856	20
		0.00 C	0.00	11.90	0.00
679 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.899	28
		46.71 C	22.45	20.55	3.15
680 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.923	25
		0.47 C	7.42	17.76	0.00
681 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.359	28
		0.05 T	-3.15	-5.14	0.00
682 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.312	28
		0.38 T	-2.64	-5.11	0.00
683 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.545	20
		0.01 T	0.00	7.58	0.00
684 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	20
		0.00 C	0.00	7.57	0.00
685 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.333	28
		0.04 T	-3.96	-3.01	0.00
686 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.274	24
		0.50 C	1.43	14.69	0.50
691 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.230	25
		2.13 T	-0.75	-5.68	1.50
692 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.360	25
		2.75 T	-1.20	-8.64	1.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

693	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.361	28
		3.38 T	-1.20	-8.64	0.00
694	ST	W14X34		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.031	20
		0.03 T	0.00	0.13	0.00
695	ST	W14X34		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.031	20
		0.01 C	0.00	0.12	0.00
696	ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.943	25
		0.22 C	9.35	21.03	0.00
697	ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.391	25
		0.07 T	-3.92	-8.41	1.50
698	ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.391	28
		0.07 T	-3.92	-8.41	0.00
699	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.099	21
		3.33 C	0.00	2.41	0.00
700	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.111	21
		1.09 C	0.00	2.93	0.00
701	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.234	25
		1.56 T	-0.75	-5.91	1.50
702	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.326	25
		2.00 T	-1.02	-8.48	1.50
703	ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.338	21
		4.66 T	-0.67	-12.21	1.50
704	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.288	20
		0.06 T	0.00	7.87	0.00
705	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.255	20
		0.00 C	0.00	6.97	0.00
706	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.579	24
		1.86 T	-10.96	-34.30	0.00
707	ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.593	24
		2.71 T	-11.46	-33.91	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

```
=======================================================================


   708  ST   W14X34                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-T      0.105           24
                 0.49 T           0.00            -2.52           0.75
   709  ST   W14X34                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.103           21
                 0.87 C           0.00             2.43           0.00
   710  ST   W14X34                 (AISC SECTIONS)
                         PASS     SHEAR-Y           0.032           20
                 0.04 T           0.00             0.25           0.00
   711  ST   W14X34                 (AISC SECTIONS)
                         PASS     SHEAR-Y           0.032           20
                 0.01 C           0.00             0.24           0.00
  1008  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.834           25
                25.70 C          21.56            18.97           0.00
  1009  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.902           25
                28.32 C          24.89            17.23           0.00
  1010  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.901           28
                33.46 C         -10.02           -48.03           0.00
  1011  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.949           28
                48.59 C          -9.20           -52.23           0.00
  1012  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.924           28
                47.23 C          -8.99           -50.81           0.00
  1013  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.991           25
                50.81 C          27.59            16.71           0.00
  1014  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.820           25
                22.68 C          21.52            18.24           0.00
  1048  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.962           25
                49.35 C          24.48            21.03           0.00
  1050  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.641           28
                 9.46 C          16.91            14.71           3.90
  1051  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.655           25
                 1.20 C         -18.76           -12.65           3.90
  1052  ST   W14X90                 (AISC SECTIONS)
                         PASS     LRFD-H1-1B-C      0.688           25
                 4.46 C          20.52            11.31           0.00
```

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

1053 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.620	25
		10.81 C	-18.38	-9.83	3.90
1054 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.613	25
		4.68 C	-16.89	-12.98	3.90
1055 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	28
		8.37 C	16.80	11.27	3.90
1057 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.570	26
		5.05 C	17.99	-7.17	3.90
1058 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	25
		7.89 C	18.60	9.25	0.00
1059 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.572	25
		11.00 C	-17.58	-7.63	3.90
1060 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.526	25
		5.79 C	-14.62	-10.69	3.90
1061 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.596	28
		8.18 C	16.32	12.49	3.90
1062 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.635	28
		10.45 C	18.73	10.31	3.90
1063 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	28
		5.98 C	18.25	8.38	3.90
1064 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.634	25
		5.70 C	18.56	11.04	0.00
1065 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.564	28
		10.51 C	16.92	8.46	3.90
1066 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.517	25
		5.14 C	-13.68	-12.05	3.90
1202 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.807	28
		1.14 C	3.21	15.42	1.40
1203 ST	W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.937	28
		1.28 C	3.92	16.77	1.40

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

```
  1204 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.492        24
                     1.36 T     -1.22         -4.56         0.00
  1205 ST  W16X45              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-C      0.732        24
                     0.19 C      4.01          6.61         3.00
  1206 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.168        25
                     1.97 T     -0.65         -0.43         2.00
  1207 ST  W16X45              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.339        25
                     0.80 T     -1.57         -5.15         0.60
  1208 ST  W16X45              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.257        28
                     0.82 T     -1.33         -3.05         0.00
  1209 ST  W16X45              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-C      0.718        24
                     0.17 C      4.01          6.09         3.00
  1210 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.493        24
                     1.30 T     -1.22         -4.58         0.00
  1211 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.152        25
                     1.13 T     -0.57         -0.50         2.60
  1212 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.167        28
                     1.13 T     -0.65         -0.43         0.00
  1213 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-C      0.329        20
                     0.00 C      0.00          6.84         3.00
  1214 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.153        28
                     1.97 T     -0.57         -0.50         0.00
  1215 ST  W14X30              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-C      0.322        20
                     0.00 C      0.00          6.70         3.00
  1359 ST  W21X62              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.351        24
                     0.73 T     -1.18        -18.01         0.00
  1360 ST  W21X62              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-T      0.390        25
                     0.35 T     -3.12         -7.60         0.60
  1361 ST  W21X62              (AISC SECTIONS)
                     PASS    LRFD-H1-1B-C      0.469        28
                     0.45 C      0.83         26.37         3.00
```

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

1362 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.248	24
		2.24 T	-0.45	-4.52	0.00
1363 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.231	28
		0.50 C	1.14	0.57	2.60
1364 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.230	25
		0.84 C	1.14	0.57	0.00
1365 ST	W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.371	20
		0.00 C	0.00	10.49	3.00
1379 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.651	28
		15.10 C	18.89	10.89	3.90
1380 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.606	28
		11.29 C	18.67	8.07	3.90
1381 ST	W8X35		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.103	20
		0.01 T	0.00	-1.85	1.00
1382 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.110	24
		0.95 C	0.00	2.93	2.00
1383 ST	W8X35		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.103	20
		0.01 C	0.00	-1.85	1.00
1384 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.447	25
		0.42 T	-1.37	-9.86	1.00
1385 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.100	24
		3.89 C	0.00	2.41	2.00
1386 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.369	25
		0.22 T	-0.95	-9.63	1.00
1387 ST	W8X35		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.103	20
		0.00 T	0.00	0.06	2.00
1388 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.255	20
		0.01 C	0.00	6.97	2.00
1389 ST	W8X35		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.103	20
		0.00 T	0.00	0.06	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===					
1390 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.288	20
		0.05 T	0.00	7.88	2.00
1391 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.417	25
		0.21 T	-1.23	-9.57	1.00
1392 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.323	28
		0.26 T	-1.55	-2.59	0.00
1393 ST	W8X35		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.103	20
		0.00 T	0.00	0.06	0.00
1394 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.093	24
		1.13 C	0.00	2.43	2.00
1395 ST	W8X35		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.103	20
		0.02 T	0.00	0.06	0.00
1396 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.084	21
		1.21 T	0.00	-2.22	2.00
1397 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.245	28
		0.26 T	-1.11	-2.48	0.00
1398 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.363	25
		0.35 T	-0.87	-10.00	1.00
1399 ST	W8X35		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.102	20
		0.00 C	0.00	-1.84	1.00
1400 ST	W14X34		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.030	20
		0.00 T	0.00	-0.01	2.00
1401 ST	W8X35		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.102	20
		0.00 T	0.00	-1.84	1.00
1402 ST	W14X34		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.030	20
		0.04 C	0.00	-0.01	2.00
1403 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.418	25
		0.23 T	-1.21	-9.77	1.00
1404 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.375	25
		0.49 T	-0.91	-10.21	1.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==						
1405	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.404	21
			2.32 T	-7.39	-25.05	2.00
1406	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.558	21
			1.97 T	-9.94	-36.06	2.00
1407	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.211	20
			0.02 C	0.00	-9.78	1.50
1408	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.302	25
			1.01 T	-0.78	-7.68	1.50
1409	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.481	21
			3.12 T	-9.51	-26.37	2.00
1410	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.337	28
			0.33 T	-0.80	-9.31	0.00
1411	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.559	21
			4.71 T	-10.26	-34.34	2.00
1412	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.413	28
			1.19 T	-1.23	-9.32	0.00
1413	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.316	24
			1.97 T	-6.37	-16.79	0.00
1414	TC	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.864	24
			2.65 C	20.95	66.24	2.00
1415	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.317	25
			0.97 T	-0.88	-7.57	1.50
1416	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.390	24
			2.96 T	-8.52	-17.52	0.00
1417	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.372	24
			2.39 T	-0.86	-10.28	0.00
1418	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.065	25
			0.71 T	-0.17	-1.63	1.50
1419	TC	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.897	24
			7.22 C	21.79	67.98	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1420	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.255	28
			0.40 T	-1.15	-2.57	0.00
1421	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.322	21
			2.04 T	-6.66	-16.35	2.00
1422	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.583	21
			1.73 T	-10.96	-34.97	2.00
1423	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.054	21
			1.87 T	-0.07	-1.77	1.50
1424	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.399	21
			2.59 T	-8.70	-18.14	2.00
1425	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.224	21
			0.80 T	-1.06	-1.79	0.50
1426	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.286	25
			0.85 T	-0.67	-7.87	1.50
1427	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.577	21
			2.89 T	-10.94	-34.08	2.00
1428	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.382	28
			0.97 T	-1.02	-9.54	0.00
1429	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.404	21
			2.05 T	-7.76	-23.37	2.00
1430	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.686	21
			1.74 T	-13.29	-39.35	2.00
1431	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.208	20
			0.03 C	0.00	-9.66	1.50
1432	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.267	25
			0.91 T	-0.55	-7.92	1.50
1433	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.471	21
			2.58 T	-9.78	-23.77	2.00
1434	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.352	28
			0.37 T	-0.89	-9.25	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

1435 ST	W24X104		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.675	21
		3.27 T	-12.37	-41.80	2.00
1436 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.356	28
		1.43 T	-0.86	-9.62	0.00
1437 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.359	25
		0.38 T	-3.15	-5.14	0.50
1438 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.419	25
		0.81 T	-1.27	-9.32	0.50
1439 ST	W14X34		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.031	20
		0.01 T	0.00	0.13	0.00
1443 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.318	25
		0.57 T	-0.69	-9.25	0.50
1447 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.033	24
		0.18 T	0.00	-0.88	1.33
1449 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.314	28
		0.56 T	-0.88	-7.57	0.00
1451 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.034	24
		0.45 T	0.00	-0.89	0.67
1453 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.324	25
		0.52 T	-1.55	-2.59	0.50
1457 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.286	20
		0.00 T	0.00	7.82	2.00
1459 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.245	25
		0.54 T	-1.11	-2.48	0.50
1461 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.286	20
		0.00 T	0.00	7.82	0.00
1463 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.345	25
		0.54 T	-0.82	-9.47	0.50
1467 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.043	24
		0.52 T	0.00	-1.13	1.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1469	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.334	25
			0.17 T	-3.96	-3.01	0.50
1471	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.380	25
			0.55 T	-1.05	-9.26	0.50
1473	ST	W14X34		(AISC SECTIONS)		
			PASS	SHEAR-Y	0.032	20
			0.00 T	0.00	0.25	0.00
1475	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.331	25
			0.53 T	-0.72	-9.64	0.50
1477	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.270	28
			3.19 T	-0.77	-7.66	0.00
1479	ST	W14X34		(AISC SECTIONS)		
			PASS	SHEAR-Y	0.030	20
			0.00 T	0.00	-0.02	2.00
1481	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.942	24
			2.10 C	16.98	59.99	3.00
1482	ST	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.961	24
			2.55 C	16.95	62.90	3.00
1483	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.313	25
			0.90 T	-0.92	-7.10	1.50
1484	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.425	25
			0.37 T	-1.30	-9.34	1.00
1485	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.264	24
			1.28 T	-0.37	-9.29	0.00
1486	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.070	20
			0.00 T	0.00	-1.98	1.50
1487	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.070	20
			0.00 T	0.00	-1.98	1.50
1488	TC	W24X104		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.747	24
			2.64 C	15.19	70.35	0.50
1489	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.774	28
			0.47 C	5.82	17.65	1.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

MEMBER	TABLE	RESULT/FX	CRITICAL COND/MY	RATIO/MZ	LOADING/LOCATION
1490 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.695	21
		1.27 T	-4.00	0.01	1.50
1491 ST	W21X62		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.311	25
		0.05 T	-2.64	-5.11	1.00
1492 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.447	28
		0.26 T	-1.37	-9.86	0.00
1494 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.412	25
		0.50 T	-1.23	-9.32	1.00
1495 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.418	28
		0.46 T	-1.23	-9.57	0.00
1496 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.614	28
		1.61 C	2.44	11.26	1.50
1497 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.594	21
		3.60 T	-3.39	0.00	1.50
1498 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.707	24
		3.27 C	4.03	0.04	1.50
1499 ST	W21X73		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	28
		0.22 C	6.75	20.96	1.50
1500 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.764	24
		1.31 C	4.40	-0.00	1.50
1501 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.704	21
		1.35 T	-4.05	-0.02	1.50
1503 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.254	25
		0.17 T	-1.15	-2.57	1.00
1504 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.242	28
		0.14 T	-1.19	-1.66	0.00
1505 ST	W21X50		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.593	24
		4.18 C	1.46	19.05	1.50
1506 ST	W18X46		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.559	21
		3.59 T	-3.19	0.02	1.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===						
1507	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.214	24
			2.00 T	-0.24	-7.85	0.00
1509	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.381	25
			0.53 T	-1.02	-9.54	1.00
1510	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.424	28
			0.31 T	-1.30	-9.34	0.00
1511	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.311	28
			0.67 T	-0.92	-7.10	0.00
1512	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.077	20
			0.00 C	0.00	-1.88	1.50
1513	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.378	28
			3.47 T	-1.10	-10.69	0.00
1514	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.266	28
			0.04 T	-3.40	-0.79	0.00
1515	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.418	28
			0.13 T	-1.21	-9.77	0.00
1516	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.375	28
			0.75 T	-0.91	-10.21	0.00
1517	ST	W21X50		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.642	24
			4.18 C	1.85	18.06	1.50
1518	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.690	24
			0.72 C	4.06	34.11	1.50
1519	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.663	21
			1.36 T	-3.81	0.01	1.50
1520	ST	W18X46		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.580	21
			4.01 T	-3.31	-0.01	1.50
1521	TC	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.350	25
			0.42 T	-4.16	-9.59	0.50
1523	ST	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.428	25
			0.12 T	-4.17	-10.04	1.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===						
1524	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.626	28
			6.76 C	0.00	16.99	3.00
1525	ST	W21X62		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.528	28
			2.59 C	1.03	28.80	3.00
1526	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.155	25
			0.93 T	-0.57	-1.63	1.50
1527	TC	W21X73		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.711	24
			1.51 C	2.02	60.11	1.50
1528	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.155	28
			0.65 T	-0.57	-1.63	0.00
1529	ST	W16X36		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.054	24
			0.03 T	0.00	-1.52	1.50
1530	ST	HSST8X8X0.625		(AISC SECTIONS)		
			PASS	HSS T+SH+F+A	0.800	21
			13.90 C	3.53	14.06	0.00
1531	ST	HSST8X8X0.625		(AISC SECTIONS)		
			PASS	HSS T+SH+F+A	0.835	25
			29.68 C	13.62	0.52	0.00
1532	ST	HSST8X8X0.625		(AISC SECTIONS)		
			PASS	HSS T+SH+F+A	0.804	25
			13.93 C	14.07	1.39	0.00
1533	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.461	25
			1.02 C	2.78	3.20	0.00
1534	ST	HSST8X8X0.625		(AISC SECTIONS)		
			PASS	HSS T+SH+F+A	0.668	21
			7.71 C	2.26	12.02	0.00
1535	ST	W16X45		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.697	24
			1.09 C	4.18	4.36	3.00
1536	ST	HSST8X8X0.625		(AISC SECTIONS)		
			PASS	HSS T+SH+F+A	0.571	25
			12.43 C	9.88	1.40	0.00
1537	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.670	21
			2.55 C	1.56	6.53	0.00
1538	ST	W14X30		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.679	21
			2.57 C	1.56	6.71	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

==

1539 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.461	28
		1.51 C	1.18	4.76	1.00
1540 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.440	21
		3.01 C	0.64	7.11	0.00
1541 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.502	25
		17.50 C	8.29	0.51	0.00
1542 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.368	28
		4.20 C	0.00	7.25	3.00
1543 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.607	24
		3.49 C	2.05	11.15	1.95
1544 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.317	25
		9.16 C	5.35	0.71	0.00
1545 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.739	28
		0.85 C	0.67	12.23	3.00
1546 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.553	24
		14.82 C	4.36	33.78	1.95
1547 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS FLEX+AXL	0.343	28
		1.82 C	-6.09	-1.79	0.00
1548 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.704	25
		0.29 C	0.43	12.67	0.00
1549 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.047	20
		0.11 C	0.00	-0.96	1.50
1550 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.937	28
		41.89 C	14.82	3.11	1.57
1551 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.955	28
		40.65 C	15.18	3.91	1.57
1552 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.899	28
		1.59 C	0.10	18.09	3.00
1553 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.985	28
		56.43 C	24.69	22.11	1.57

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

==

1554 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.065	21
		6.24 C	0.00	-0.76	1.50
1555 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.714	28
		25.19 C	11.76	3.12	1.57
1556 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.844	28
		3.05 C	0.00	17.25	3.00
1557 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.661	28
		29.90 C	10.32	2.01	0.69
1558 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.533	28
		14.15 C	8.93	1.98	0.69
1559 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.007	21
		0.99 C	0.00	-0.06	1.50
1560 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.540	24
		6.13 C	2.12	9.69	1.63
1561 ST	HSST8X8X0.625		(AISC SECTIONS)		
		PASS	HSS T+SH+F+A	0.527	28
		3.01 C	9.66	0.00	1.63
1562 ST	W14X30		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.028	21
		5.60 C	0.00	-0.06	1.50

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

798. STEEL TAKE OFF ALL

STEEL TAKE-OFF

	PROFILE	LENGTH(METE)	WEIGHT(MTON)
ST	W14X90	267.60	35.839
ST	W16X45	546.00	36.700
ST	W16X67	252.00	24.962
ST	W14X132	98.70	19.354
ST	W14X30	380.20	17.005
ST	W14X34	201.00	10.158
ST	W21X50	156.00	11.589
ST	W21X62	162.00	14.983
ST	W21X73	80.00	8.693
TC	W21X73	10.00	1.243
ST	W24X104	185.50	28.781
TC	W24X104	30.50	6.003
ST	W16X36	301.60	16.157
ST	W8X35	16.00	0.833
ST	W18X46	54.00	3.684
ST	HSST8X8X0.625	21.15	1.753

		TOTAL =	237.735

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

799. *PRINT DIA CR
800. PRINT SUPPORT REACTION LIST 439 TO 480 602 TO 604

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
439	20	0.90	17.99	0.16	-0.07	0.00	-0.80
	21	19.62	31.12	4.12	7.20	0.00	42.02
	22	17.62	26.46	-2.92	-5.54	0.00	37.56
	23	-16.36	0.11	3.14	5.42	-0.00	-38.68
	24	-18.37	-4.55	-3.90	-7.32	-0.00	-43.13
	25	9.36	25.70	11.99	21.45	0.00	18.97
	26	2.69	10.17	-11.48	-21.03	-0.00	4.13
	27	-1.44	16.40	11.70	20.91	0.00	-5.24
	28	-8.11	0.86	-11.77	-21.56	-0.00	-20.08
440	20	2.49	27.95	-0.66	-0.91	0.00	-2.19
	21	22.25	38.53	4.45	7.53	0.00	42.30
	22	20.51	36.87	-4.16	-6.81	0.00	38.60
	23	-17.04	3.83	3.19	5.48	-0.00	-41.67
	24	-18.77	2.17	-5.42	-8.87	-0.00	-45.37
	25	10.53	28.32	14.06	23.55	0.00	17.23
	26	4.74	22.79	-14.65	-24.27	-0.00	4.90
	27	-1.26	17.91	13.68	22.94	0.00	-7.96
	28	-7.05	12.38	-15.03	-24.89	-0.00	-20.29
441	20	2.24	51.29	3.69	2.59	0.00	-2.29
	21	13.12	49.24	11.74	18.51	0.00	19.52
	22	12.37	48.86	-4.59	-11.12	0.00	18.16
	23	-9.22	26.24	10.00	14.92	-0.00	-21.39
	24	-9.97	25.86	-6.33	-14.71	-0.00	-22.75
	25	6.17	41.64	30.18	51.83	0.00	6.79
	26	3.69	40.36	-24.25	-46.95	-0.00	2.26
	27	-0.53	34.74	29.66	50.75	0.00	-5.48
	28	-3.02	33.46	-24.77	-48.03	-0.00	-10.02
442	20	2.65	72.27	-1.31	-1.80	0.00	-2.71
	21	13.89	64.37	8.69	15.87	0.00	19.64
	22	13.60	63.77	-8.26	-14.30	0.00	19.12
	23	-9.84	42.11	6.34	11.67	-0.00	-22.97
	24	-10.13	41.50	-10.61	-18.50	-0.00	-23.49
	25	5.93	57.28	27.63	49.60	0.00	5.35
	26	4.95	55.27	-28.85	-50.97	-0.00	3.59
	27	-1.19	50.60	26.93	48.34	0.00	-7.44
	28	-2.16	48.59	-29.55	-52.23	-0.00	-9.20
443	20	2.46	71.81	0.09	-0.56	0.00	-2.52
	21	13.98	63.72	9.52	16.60	0.00	20.15
	22	13.75	62.40	-7.07	-13.26	0.00	19.73
	23	-10.27	42.76	7.20	12.43	-0.00	-23.29
	24	-10.50	41.44	-9.39	-17.44	-0.00	-23.71
	25	5.76	57.93	28.07	49.98	0.00	5.43
	26	5.00	53.51	-27.24	-49.56	-0.00	4.04
	27	-1.52	51.65	27.37	48.73	0.00	-7.60
	28	-2.28	47.23	-27.93	-50.81	-0.00	-8.99
444	20	2.80	56.97	-3.18	-3.49	0.00	-2.47

```
 SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE
 ----------------
```

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	21	25.84	65.42	3.08	6.13	0.00	46.12
	22	24.50	64.11	-5.96	-8.66	0.00	43.43
	23	-20.57	19.28	1.29	3.54	-0.00	-46.90
	24	-21.91	17.96	-7.75	-11.25	-0.00	-49.59
	25	11.15	50.81	13.01	22.48	0.00	16.71
	26	6.70	46.42	-17.13	-26.81	-0.00	7.73
	27	-2.77	36.97	12.47	21.70	0.00	-11.20
	28	-7.22	32.57	-17.67	-27.59	-0.00	-20.17
445	20	0.77	13.61	-0.07	-0.30	0.00	-0.69
	21	20.90	28.51	3.85	6.93	0.00	44.76
	22	19.35	23.84	-3.08	-5.71	0.00	41.37
	23	-18.28	-3.69	3.00	5.28	-0.00	-42.33
	24	-19.82	-8.36	-3.94	-7.35	-0.00	-45.73
	25	8.99	22.68	11.65	21.09	0.00	18.24
	26	3.84	7.12	-11.47	-21.02	-0.00	6.92
	27	-2.76	13.02	11.39	20.60	0.00	-7.88
	28	-7.92	-2.54	-11.73	-21.52	-0.00	-19.21
446	20	-1.20	18.97	0.20	-0.03	0.00	1.04
	21	18.16	32.49	3.60	6.23	0.00	43.30
	22	16.16	26.12	-2.52	-4.81	0.00	38.85
	23	-17.83	1.82	2.78	4.74	-0.00	-37.40
	24	-19.83	-4.54	-3.33	-6.30	-0.00	-41.85
	25	7.90	29.18	10.45	18.59	0.00	20.25
	26	1.23	7.96	-9.94	-18.22	-0.00	5.41
	27	-2.90	19.98	10.21	18.15	0.00	-3.96
	28	-9.57	-1.24	-10.18	-18.66	-0.00	-18.80
447	20	-1.21	20.39	-0.86	-1.11	0.00	1.05
	21	19.67	33.05	3.62	6.24	0.00	44.56
	22	17.93	31.65	-3.85	-6.18	0.00	40.86
	23	-19.61	-1.54	2.60	4.56	-0.00	-39.40
	24	-21.35	-2.94	-4.86	-7.86	-0.00	-43.10
	25	7.95	22.58	11.97	20.14	0.00	19.50
	26	2.15	17.91	-12.91	-21.26	-0.00	7.16
	27	-3.83	12.20	11.67	19.64	0.00	-5.69
	28	-9.64	7.54	-13.22	-21.76	-0.00	-18.03
448	20	-1.83	48.95	3.88	2.76	0.00	1.86
	21	10.34	48.23	10.91	16.54	0.00	22.52
	22	9.59	46.93	-3.19	-9.05	0.00	21.15
	23	-12.15	24.83	8.86	13.07	-0.00	-18.54
	24	-12.90	23.52	-5.23	-12.51	-0.00	-19.90
	25	3.34	41.56	26.63	45.18	0.00	9.74
	26	0.84	37.21	-20.34	-40.11	-0.00	5.19
	27	-3.41	34.54	26.02	44.14	0.00	-2.57
	28	-5.91	30.19	-20.96	-41.15	-0.00	-7.13
449	20	-2.59	72.01	-1.36	-1.85	0.00	2.64
	21	10.18	64.03	7.37	13.50	0.00	23.44

```
  SUPPORT REACTIONS -UNIT MTON METE    STRUCTURE TYPE = SPACE
  -----------------
```

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	22	9.88	63.72	-7.41	-12.69	0.00	22.91
	23	-13.55	41.76	5.42	9.99	-0.00	-19.16
	24	-13.85	41.45	-9.36	-16.20	-0.00	-19.70
	25	2.22	56.60	23.92	42.81	0.00	9.15
	26	1.23	55.56	-25.32	-44.46	-0.00	7.37
	27	-4.90	49.92	23.33	41.76	0.00	-3.63
	28	-5.89	48.88	-25.91	-45.51	-0.00	-5.41
450	20	-2.48	71.52	0.10	-0.56	0.00	2.53
	21	10.50	63.46	8.23	14.25	0.00	23.72
	22	10.24	62.41	-6.22	-11.64	0.00	23.28
	23	-13.75	42.35	6.35	10.81	-0.00	-19.71
	24	-14.00	41.31	-8.09	-15.09	-0.00	-20.15
	25	2.31	57.28	24.43	43.26	0.00	9.04
	26	1.46	53.81	-23.73	-43.06	-0.00	7.56
	27	-4.96	50.95	23.86	42.22	0.00	-3.99
	28	-5.81	47.48	-24.29	-44.10	-0.00	-5.47
451	20	-2.94	57.26	-3.16	-3.46	0.00	2.57
	21	20.65	63.55	2.25	4.83	0.00	48.63
	22	19.32	62.60	-5.51	-7.90	0.00	45.93
	23	-23.42	21.17	0.88	2.82	-0.00	-42.35
	24	-24.76	20.22	-6.89	-9.91	-0.00	-45.04
	25	6.79	49.82	10.84	18.98	0.00	19.93
	26	2.33	46.66	-15.06	-23.46	-0.00	10.95
	27	-6.44	37.10	10.43	18.38	0.00	-7.36
	28	-10.89	33.95	-15.47	-24.06	-0.00	-16.34
452	20	-0.85	13.84	-0.07	-0.31	0.00	0.73
	21	19.70	29.05	3.37	5.98	0.00	45.69
	22	18.16	23.34	-2.68	-4.98	0.00	42.30
	23	-19.34	-2.85	2.59	4.54	-0.00	-41.28
	24	-20.88	-8.57	-3.46	-6.42	-0.00	-44.68
	25	7.84	24.55	10.14	18.27	0.00	19.21
	26	2.69	5.50	-10.00	-18.28	-0.00	7.90
	27	-3.87	14.98	9.91	17.84	0.00	-6.88
	28	-9.02	-4.07	-10.23	-18.71	-0.00	-18.20
453	20	0.01	33.54	0.48	0.26	0.00	-0.01
	21	23.80	29.51	4.11	7.00	0.00	46.76
	22	21.30	23.64	-2.72	-5.36	0.00	41.88
	23	-21.28	25.53	3.38	5.69	-0.00	-41.91
	24	-23.78	19.67	-3.45	-6.68	-0.00	-46.80
	25	10.93	34.96	11.81	20.97	0.00	21.43
	26	2.61	15.41	-10.93	-20.24	-0.00	5.14
	27	-2.59	33.77	11.59	20.57	0.00	-5.17
	28	-10.91	14.21	-11.15	-20.64	-0.00	-21.46
454	20	-0.07	31.32	0.50	0.27	0.00	0.06
	21	23.34	26.02	3.93	6.66	0.00	46.47
	22	20.88	20.56	-2.71	-5.35	0.00	41.62

```
 SUPPORT REACTIONS -UNIT MTON METE    STRUCTURE TYPE = SPACE
 ----------------
```

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	23	-20.99	25.33	3.39	5.71	-0.00	-41.54
	24	-23.44	19.87	-3.24	-6.31	-0.00	-46.39
	25	10.69	32.14	11.48	20.35	0.00	21.32
	26	2.51	13.95	-10.64	-19.71	-0.00	5.16
	27	-2.61	31.94	11.32	20.06	0.00	-5.08
	28	-10.79	13.75	-10.80	-20.00	-0.00	-21.25
455	20	0.04	31.25	0.50	0.28	0.00	-0.04
	21	23.42	25.76	3.80	6.44	0.00	46.40
	22	20.97	20.46	-2.65	-5.24	0.00	41.55
	23	-20.91	25.33	3.33	5.59	-0.00	-41.61
	24	-23.36	20.02	-3.12	-6.09	-0.00	-46.46
	25	10.77	31.81	11.16	19.77	0.00	21.25
	26	2.59	14.11	-10.34	-19.16	-0.00	5.09
	27	-2.53	31.68	11.02	19.51	0.00	-5.15
	28	-10.71	13.98	-10.48	-19.41	-0.00	-21.32
456	20	0.20	34.50	0.47	0.24	0.00	-0.18
	21	23.92	29.90	3.75	6.36	0.00	46.65
	22	21.42	24.95	-2.52	-4.99	0.00	41.76
	23	-21.15	25.56	3.16	5.29	-0.00	-42.02
	24	-23.65	20.61	-3.11	-6.06	-0.00	-46.90
	25	11.05	34.16	10.86	19.22	0.00	21.32
	26	2.74	17.65	-10.05	-18.60	-0.00	5.03
	27	-2.47	32.86	10.68	18.90	0.00	-5.28
	28	-10.78	16.35	-10.22	-18.92	-0.00	-21.57
457	20	-0.07	26.04	-0.17	-0.41	0.00	0.05
	21	25.30	24.52	3.72	6.61	0.00	49.65
	22	23.39	18.50	-3.19	-5.84	0.00	45.93
	23	-23.48	19.73	2.97	5.27	-0.00	-45.88
	24	-25.39	13.71	-3.93	-7.17	-0.00	-49.59
	25	10.45	29.86	11.51	20.66	0.00	20.55
	26	4.10	9.80	-11.50	-20.82	-0.00	8.17
	27	-4.18	28.42	11.28	20.26	0.00	-8.11
	28	-10.54	8.37	-11.72	-21.22	-0.00	-20.49
458	20	0.04	25.84	-0.20	-0.44	0.00	-0.05
	21	24.95	22.00	3.47	6.20	0.00	49.21
	22	23.07	16.40	-3.23	-5.89	0.00	45.52
	23	-23.01	21.53	2.97	5.28	-0.00	-45.59
	24	-24.89	15.93	-3.73	-6.80	-0.00	-49.28
	25	10.35	28.37	11.12	19.98	0.00	20.33
	26	4.09	9.70	-11.22	-20.31	-0.00	8.04
	27	-4.03	28.22	10.97	19.70	0.00	-8.11
	28	-10.29	9.56	-11.37	-20.58	-0.00	-20.40
459	20	-0.40	19.54	0.13	-0.11	0.00	0.34
	21	25.26	26.67	3.50	6.13	0.00	50.03
	22	23.40	21.01	-3.01	-5.61	0.00	46.35
	23	-23.96	9.08	3.00	5.25	-0.00	-45.88

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	24	-25.82	3.43	-3.52	-6.49	-0.00	-49.55
	25	10.20	27.11	10.93	19.52	0.00	20.75
	26	4.00	8.26	-10.79	-19.62	-0.00	8.50
	27	-4.56	21.83	10.78	19.26	0.00	-8.02
	28	-10.77	2.98	-10.94	-19.89	-0.00	-20.27
460	20	0.41	22.00	-0.58	-0.66	0.00	-0.39
	21	29.50	34.05	6.08	7.39	0.00	52.47
	22	27.29	11.18	-5.83	-7.01	0.00	48.51
	23	-26.72	21.78	4.94	6.02	-0.00	-49.05
	24	-28.93	-1.09	-6.96	-8.37	-0.00	-53.02
	25	12.41	56.43	19.57	23.70	0.00	21.56
	26	5.03	-19.79	-20.12	-24.28	0.00	8.35
	27	-4.46	52.75	19.23	23.30	-0.00	-8.90
	28	-11.83	-23.47	-20.45	-24.69	-0.00	-22.11
461	20	0.48	71.36	-0.83	-1.09	0.00	-0.43
	21	24.40	52.27	3.85	6.59	0.00	46.63
	22	22.36	51.53	-4.42	-7.10	0.00	42.66
	23	-21.67	52.16	3.20	5.51	-0.00	-43.29
	24	-23.71	51.42	-5.07	-8.18	-0.00	-47.25
	25	10.66	53.09	13.28	22.18	0.00	19.79
	26	3.86	50.63	-14.30	-23.45	-0.00	6.57
	27	-3.16	53.06	13.08	21.86	0.00	-7.19
	28	-9.97	50.60	-14.49	-23.77	-0.00	-20.41
462	20	-0.41	71.73	-0.84	-1.09	0.00	0.35
	21	23.76	52.52	3.70	6.34	0.00	47.19
	22	21.73	51.82	-4.33	-6.96	0.00	43.23
	23	-22.31	52.42	3.11	5.37	-0.00	-42.73
	24	-24.34	51.72	-4.92	-7.93	-0.00	-46.69
	25	10.01	53.29	12.87	21.51	0.00	20.33
	26	3.23	50.98	-13.91	-22.81	-0.00	7.14
	27	-3.82	53.26	12.69	21.22	0.00	-6.64
	28	-10.59	50.94	-14.09	-23.10	-0.00	-19.84
463	20	-0.28	111.12	8.23	6.23	0.00	0.28
	21	19.07	83.10	18.11	27.77	0.00	33.99
	22	17.82	81.78	-3.72	-14.18	0.00	31.81
	23	-18.20	80.36	15.83	23.36	-0.00	-31.43
	24	-19.45	79.04	-6.00	-18.59	-0.00	-33.61
	25	7.48	83.68	42.77	75.17	0.00	13.64
	26	3.32	79.28	-29.98	-64.67	-0.00	6.37
	27	-3.70	82.86	42.09	73.84	0.00	-5.98
	28	-7.86	78.46	-30.66	-65.99	-0.00	-13.26
464	20	-1.11	90.16	7.78	5.84	0.00	1.13
	21	18.19	66.56	17.14	26.25	0.00	34.30
	22	16.98	66.13	-3.81	-14.28	0.00	32.16
	23	-18.54	65.64	15.24	22.85	-0.00	-30.57
	24	-19.75	65.21	-5.71	-17.67	-0.00	-32.71

```
  SUPPORT REACTIONS -UNIT MTON METE    STRUCTURE TYPE = SPACE
  ----------------
```

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	25	6.74	66.73	40.91	72.35	0.00	14.10
	26	2.71	65.32	-28.91	-62.75	-0.00	6.95
	27	-4.27	66.45	40.34	71.33	0.00	-5.36
	28	-8.31	65.04	-29.48	-63.77	-0.00	-12.51
465	20	1.14	90.32	7.81	5.87	0.00	-1.17
	21	19.79	67.08	16.61	25.35	0.00	32.70
	22	18.56	66.59	-3.80	-14.06	0.00	30.54
	23	-16.95	65.30	15.26	22.67	-0.00	-32.18
	24	-18.18	64.81	-5.15	-16.75	-0.00	-34.35
	25	8.36	67.04	39.94	70.39	0.00	12.51
	26	4.27	65.39	-28.08	-60.98	-0.00	5.30
	27	-2.66	66.50	39.54	69.59	0.00	-6.95
	28	-6.76	64.86	-28.48	-61.79	-0.00	-14.16
466	20	-0.20	105.94	7.39	5.49	0.00	0.20
	21	19.05	79.30	16.43	25.11	0.00	33.88
	22	17.82	78.02	-3.71	-13.44	0.00	31.72
	23	-18.11	76.23	14.48	21.44	-0.00	-31.43
	24	-19.34	74.94	-5.65	-17.11	-0.00	-33.59
	25	7.47	79.73	39.23	68.79	0.00	13.54
	26	3.39	75.44	-27.88	-59.69	-0.00	6.34
	27	-3.67	78.81	38.65	67.69	0.00	-6.05
	28	-7.76	74.52	-28.46	-60.79	-0.00	-13.25
467	20	-0.46	160.75	-3.58	-4.14	0.00	0.46
	21	19.17	120.57	10.33	20.93	0.00	34.32
	22	18.69	120.15	-13.12	-22.44	0.00	33.48
	23	-19.35	115.34	7.78	16.30	-0.00	-32.81
	24	-19.84	114.92	-15.66	-27.08	-0.00	-33.65
	25	6.25	119.24	36.79	69.91	0.00	11.81
	26	4.64	117.82	-41.36	-74.66	-0.00	9.00
	27	-5.30	117.67	36.03	68.52	0.00	-8.33
	28	-6.92	116.26	-42.12	-76.05	-0.00	-11.14
468	20	-0.11	119.95	-1.56	-2.02	0.00	0.11
	21	14.21	93.18	8.00	14.34	0.00	23.89
	22	13.85	92.62	-8.89	-14.94	0.00	23.30
	23	-13.93	82.78	6.56	11.94	-0.00	-23.23
	24	-14.28	82.22	-10.34	-17.34	-0.00	-23.81
	25	4.77	90.20	27.21	47.65	0.00	8.08
	26	3.60	88.33	-29.11	-49.94	-0.00	6.12
	27	-3.67	87.07	26.78	46.93	0.00	-6.05
	28	-4.84	85.21	-29.55	-50.65	-0.00	-8.01
469	20	0.13	119.93	-1.43	-1.90	0.00	-0.14
	21	14.31	92.28	7.71	13.81	0.00	23.80
	22	13.96	91.58	-8.68	-14.60	0.00	23.21
	23	-13.84	83.57	6.54	11.78	-0.00	-23.33
	24	-14.19	82.87	-9.84	-16.63	-0.00	-23.92
	25	4.86	90.05	26.42	46.24	0.00	7.99

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	26	3.70	87.71	-28.20	-48.46	-0.00	6.03
	27	-3.58	87.43	26.07	45.63	0.00	-6.15
	28	-4.75	85.10	-28.55	-49.06	-0.00	-8.11
470	20	0.35	150.61	-3.54	-4.10	0.00	-0.36
	21	19.75	113.50	9.45	18.99	0.00	33.72
	22	19.28	112.75	-12.55	-21.20	0.00	32.89
	23	-18.77	106.64	7.39	15.20	-0.00	-33.41
	24	-19.25	105.88	-14.62	-24.99	-0.00	-34.25
	25	6.82	111.97	34.40	64.55	0.00	11.20
	26	5.24	109.47	-38.95	-69.41	-0.00	8.42
	27	-4.74	109.92	33.78	63.41	0.00	-8.94
	28	-6.32	107.41	-39.57	-70.55	-0.00	-11.72
471	20	-0.15	147.87	1.27	0.12	0.00	0.15
	21	20.13	109.71	13.84	24.02	0.00	35.01
	22	19.72	108.52	-9.39	-19.17	0.00	34.32
	23	-19.93	106.72	11.24	19.33	-0.00	-34.12
	24	-20.33	105.53	-12.00	-23.86	-0.00	-34.82
	25	6.58	110.05	40.04	72.76	0.00	11.63
	26	5.23	106.09	-37.41	-71.19	-0.00	9.31
	27	-5.44	109.16	39.26	71.36	0.00	-9.11
	28	-6.79	105.19	-38.19	-72.60	-0.00	-11.43
472	20	-1.74	120.26	2.47	1.18	0.00	1.77
	21	18.76	88.92	13.65	23.10	0.00	35.92
	22	18.34	88.22	-8.58	-18.55	0.00	35.22
	23	-20.80	87.03	12.30	20.36	-0.00	-32.71
	24	-21.22	86.33	-9.93	-21.30	-0.00	-33.42
	25	5.39	89.08	39.11	70.74	0.00	12.72
	26	4.01	86.74	-34.99	-68.11	-0.00	10.38
	27	-6.48	88.51	38.71	69.92	0.00	-7.87
	28	-7.85	86.17	-35.39	-68.93	-0.00	-10.21
473	20	1.72	123.42	2.98	1.62	0.00	-1.76
	21	21.18	90.37	14.12	23.15	0.00	33.40
	22	20.80	89.76	-7.53	-17.36	0.00	32.73
	23	-18.36	89.92	11.95	19.78	-0.00	-35.22
	24	-18.75	89.31	-9.70	-20.72	-0.00	-35.89
	25	7.79	90.93	38.62	69.22	0.00	10.17
	26	6.51	88.88	-33.54	-65.79	-0.00	7.92
	27	-4.08	90.80	37.97	68.21	0.00	-10.42
	28	-5.36	88.75	-34.20	-66.80	-0.00	-12.66
474	20	0.18	149.84	1.67	0.47	0.00	-0.19
	21	20.36	111.70	12.85	21.97	0.00	34.78
	22	19.96	110.64	-8.45	-17.59	0.00	34.09
	23	-19.70	107.45	10.85	18.24	-0.00	-34.37
	24	-20.11	106.39	-10.45	-21.33	-0.00	-35.06
	25	6.81	111.45	36.99	66.83	0.00	11.39
	26	5.47	107.92	-33.99	-65.06	-0.00	9.08

```
  SUPPORT REACTIONS -UNIT MTON METE    STRUCTURE TYPE = SPACE
  ----------------
```

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	27	-5.21	110.18	36.39	65.71	0.00	-9.35
	28	-6.55	106.64	-34.59	-66.18	-0.00	-11.66
475	20	-0.45	112.36	-5.84	-6.32	0.00	0.37
	21	38.99	84.85	2.51	6.81	0.00	75.98
	22	36.75	83.29	-9.79	-13.91	0.00	71.68
	23	-37.36	80.24	1.26	4.67	-0.00	-71.17
	24	-39.60	78.67	-11.04	-16.05	-0.00	-75.48
	25	14.89	85.06	16.42	30.23	0.00	29.50
	26	7.40	79.85	-24.58	-38.83	-0.00	15.15
	27	-8.01	83.67	16.04	29.59	0.00	-14.64
	28	-15.51	78.46	-24.95	-39.47	-0.00	-29.00
476	20	-0.33	108.71	-5.69	-6.17	0.00	0.27
	21	38.29	82.61	2.54	6.59	0.00	75.26
	22	36.08	80.91	-9.51	-13.63	0.00	70.99
	23	-36.57	77.32	1.19	4.62	-0.00	-70.59
	24	-38.78	75.62	-10.85	-15.61	-0.00	-74.86
	25	14.66	82.73	16.11	29.50	0.00	29.19
	26	7.31	77.09	-24.03	-37.92	-0.00	14.96
	27	-7.79	81.14	15.71	28.90	0.00	-14.56
	28	-15.15	75.50	-24.43	-38.51	-0.00	-28.79
477	20	-0.91	100.37	-6.37	-6.86	0.00	0.78
	21	38.31	78.57	1.69	5.58	0.00	75.90
	22	35.94	78.06	-9.99	-14.05	0.00	71.49
	23	-37.15	70.00	0.90	4.23	-0.00	-70.47
	24	-39.52	69.49	-10.79	-15.39	-0.00	-74.88
	25	14.67	76.17	15.04	28.01	0.00	29.82
	26	6.76	74.46	-23.90	-37.42	-0.00	15.12
	27	-7.97	73.60	14.80	27.60	0.00	-14.09
	28	-15.87	71.89	-24.14	-37.82	-0.00	-28.80
478	20	1.47	104.30	-5.93	-6.41	0.00	-1.31
	21	40.01	79.57	1.92	5.79	0.00	74.66
	22	37.93	76.68	-9.46	-13.31	0.00	70.50
	23	-36.01	76.24	0.84	3.98	-0.00	-72.21
	24	-38.10	73.35	-10.54	-15.12	-0.00	-76.37
	25	15.84	81.78	14.82	27.43	0.00	28.11
	26	8.89	72.14	-23.12	-36.22	-0.00	14.24
	27	-6.97	80.78	14.49	26.89	0.00	-15.95
	28	-13.92	71.14	-23.44	-36.76	-0.00	-29.82
479	20	-0.42	65.00	-0.83	-1.09	0.00	0.36
	21	25.60	50.17	4.09	6.99	0.00	48.81
	22	23.41	49.32	-4.40	-7.08	0.00	44.72
	23	-24.01	44.99	3.19	5.49	-0.00	-44.21
	24	-26.20	44.13	-5.31	-8.58	-0.00	-48.30
	25	10.78	49.35	13.69	22.89	0.00	21.03
	26	3.50	46.51	-14.64	-24.03	-0.00	7.39
	27	-4.10	47.79	13.42	22.44	0.00	-6.88

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	28	-11.39	44.95	-14.91	-24.48	-0.00	-20.52
480	20	-0.42	62.21	-0.80	-1.05	0.00	0.36
	21	25.63	48.11	3.68	6.29	0.00	48.81
	22	23.44	47.71	-4.11	-6.61	0.00	44.71
	23	-24.00	42.79	2.95	5.07	-0.00	-44.23
	24	-26.20	42.40	-4.84	-7.83	-0.00	-48.33
	25	10.82	46.71	12.52	20.92	0.00	21.03
	26	3.50	45.39	-13.46	-22.08	-0.00	7.36
	27	-4.07	45.11	12.30	20.55	0.00	-6.88
	28	-11.39	43.80	-13.68	-22.45	-0.00	-20.55
602	20	0.15	10.96	-0.59	-0.47	0.00	-0.11
	21	4.47	19.19	4.52	4.69	0.12	9.17
	22	4.13	0.04	-4.11	-4.09	0.02	8.47
	23	-3.92	16.64	3.23	3.39	-0.02	-8.62
	24	-4.27	-2.52	-5.41	-5.39	-0.12	-9.32
	25	1.93	40.65	14.15	14.48	0.19	3.76
	26	0.79	-23.21	-14.65	-14.79	-0.15	1.42
	27	-0.58	39.89	13.76	14.09	0.15	-1.58
	28	-1.73	-23.98	-15.03	-15.18	-0.19	-3.91
603	20	0.00	14.31	-0.19	-0.28	0.00	-0.01
	21	1.72	21.14	4.67	4.78	0.13	7.18
	22	1.60	2.75	-3.67	-3.88	0.11	6.56
	23	-1.60	19.14	3.42	3.49	-0.11	-6.58
	24	-1.72	0.75	-4.93	-5.17	-0.13	-7.20
	25	0.70	41.89	13.97	14.43	0.08	3.09
	26	0.30	-19.40	-13.85	-14.44	-0.00	1.02
	27	-0.30	41.29	13.59	14.04	0.01	-1.03
	28	-0.70	-20.00	-14.22	-14.82	-0.07	-3.11
604	20	0.00	2.49	-0.14	-0.22	0.00	-0.01
	21	1.75	9.89	3.58	3.63	0.05	7.20
	22	1.62	-3.71	-3.13	-3.28	0.04	6.57
	23	-1.62	8.24	2.94	2.97	-0.04	-6.58
	24	-1.75	-5.37	-3.77	-3.94	-0.05	-7.21
	25	0.73	25.19	11.19	11.45	0.03	3.11
	26	0.29	-20.17	-11.19	-11.57	0.00	1.01
	27	-0.28	24.70	11.00	11.26	0.00	-1.03
	28	-0.72	-20.67	-11.38	-11.76	-0.03	-3.12

************** END OF LATEST ANALYSIS RESULT **************

  801. FINISH

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

          **** DATE= MAY  2,2018    TIME= 11: 3:21 ****

        ************************************************************
        *    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

AREA DE CESI

EDIFICIO_ACAPULCO

```
         **************************************************
         *                                                *
         *            STAAD.Pro V8i SELECTseries6         *
         *            Version   20.07.11.45               *
         *            Proprietary Program of              *
         *            Bentley Systems, Inc.               *
         *            Date=    APR 30, 2018               *
         *            Time=    17:31:46                   *
         *                                                *
         *       USER ID:                                 *
         **************************************************
```

```
     1. STAAD SPACE
INPUT FILE: C:\Users\JLN\Documents\LUNA NAMBO\MODELO_ACAPULCO\CESI_ACAPULCO\CESI_ACAPULCO_1.STD
     2. START JOB INFORMATION
     3. ENGINEER DATE 23-MAR-18
     4. END JOB INFORMATION
     5. INPUT WIDTH 79
     6. UNIT METER MTON
     7. JOINT COORDINATES
     8. 1 0 0 0; 2 0 0 6; 3 0 0 12; 4 0 0 18; 5 0 0 24; 6 0 3.9 0; 7 0 3.9 6
     9. 8 0 3.9 12; 9 0 3.9 18; 10 0 3.9 24; 11 1.5 3.9 0; 12 1.5 3.9 6; 13 2 3.9 6
    10. 16 2 3.9 12; 19 2 3.9 18; 20 2 3.9 24; 21 3 3.9 0; 22 3 3.9 4.5; 23 3 3.9 6
    11. 24 4 3.9 6; 27 4 3.9 12; 30 4 3.9 18; 31 4 3.9 24; 32 6 0 0; 33 6 0 6
    12. 34 6 0 12; 35 6 0 18; 36 6 0 24; 37 6 3.9 0; 38 6 3.9 4.5; 39 6 3.9 6
    13. 40 6 3.9 12; 41 6 3.9 18; 42 6 3.9 24; 46 8 3.9 0; 47 8 3.9 6; 48 8 3.9 12
    14. 49 8 3.9 18; 50 8 3.9 24; 51 10 3.9 0; 52 10 3.9 6; 53 10 3.9 12; 54 10 3.9 18
    15. 55 10 3.9 24; 56 12 3.9 0; 58 12 3.9 6; 59 12 3.9 12; 60 12 3.9 18
    16. 61 12 3.9 24; 62 14 3.9 0; 63 14 3.9 6; 64 14 3.9 12; 65 14 3.9 18
    17. 66 14 3.9 24; 67 16 3.9 0; 68 16 3.9 6; 69 16 3.9 12; 70 16 3.9 18
    18. 71 16 3.9 24; 72 18 3.9 6; 73 18 3.9 12; 74 18 3.9 18; 75 18 0 0; 76 18 0 6
    19. 77 18 0 12; 78 18 0 18; 79 18 0 24; 80 18 3.9 0; 84 18 3.9 24; 85 20 3.9 0
    20. 86 20 3.9 6; 87 20 3.9 18; 88 20 3.9 24; 89 22 3.9 0; 90 22 3.9 6
    21. 91 22 3.9 18; 92 22 3.9 24; 93 24 0 0; 94 24 0 6; 95 24 0 12; 96 24 0 18
    22. 97 24 0 24; 98 24 3.9 0; 99 24 3.9 6; 100 24 3.9 12; 101 24 3.9 18
    23. 102 24 3.9 24; 103 26 3.9 0; 104 26 3.9 6; 105 26 3.9 12; 106 26 3.9 18
    24. 107 26 3.9 24; 108 27.5 3.9 18; 109 27.5 3.9 24; 110 28 3.9 0; 111 28 3.9 6
    25. 112 28 3.9 12; 113 28 3.9 18; 114 28.7 0 24; 115 28.7 3.9 24; 116 30 0 0
    26. 117 30 0 6; 118 30 0 12; 119 30 0 18; 120 30 3.9 0; 121 30 3.9 6
    27. 122 30 3.9 12; 123 30 3.9 18; 124 4 3.9 13.25; 125 2 3.9 13.25
    28. 126 2 3.9 10.15; 127 4 3.9 10.15
    29. MEMBER INCIDENCES
    30. 1 1 6; 2 2 7; 3 3 8; 4 4 9; 5 5 10; 6 6 7; 7 7 8; 8 8 9; 9 9 10; 10 6 11
    31. 11 7 12; 12 8 16; 13 9 19; 14 10 20; 15 11 12; 16 12 13; 23 19 20; 24 11 21
    32. 25 13 23; 26 21 22; 27 22 23; 29 16 27; 31 19 30; 32 20 31; 33 23 24; 40 30 31
    33. 41 21 37; 42 22 38; 43 24 39; 44 27 40; 45 30 41; 46 31 42; 47 32 37; 48 33 39
    34. 49 34 40; 50 35 41; 51 36 42; 52 37 38; 53 38 39; 54 39 40; 55 40 41; 56 41 42
    35. 60 37 46; 61 42 50; 62 39 47; 63 40 48; 64 41 49; 65 46 47; 66 47 48; 67 48 49
    36. 68 49 50; 69 46 51; 70 47 52; 71 48 53; 72 49 54; 73 50 55; 74 51 52; 75 52 53
    37. 76 53 54; 77 54 55; 78 51 56; 79 52 58; 80 53 59; 81 54 60; 82 55 61; 85 58 59
    38. 86 59 60; 87 60 61; 88 56 62; 89 58 63; 90 59 64; 91 60 65; 92 61 66; 93 62 63
```

39. 94 63 64; 95 64 65; 96 65 66; 97 62 67; 98 63 68; 99 64 69; 100 65 70
40. 101 66 71; 102 67 68; 103 68 69; 104 69 70; 105 70 71; 106 68 72; 107 69 73
41. 108 70 74; 109 67 80; 110 71 84; 114 75 80; 115 76 72; 116 77 73; 117 78 74
42. 118 79 84; 119 80 72; 120 72 73; 121 73 74; 122 74 84; 123 80 85; 124 72 86
43. 125 74 87; 126 84 88; 127 85 86; 128 87 88; 129 85 89; 130 86 90; 131 87 91
44. 132 88 92; 133 89 90; 134 91 92; 135 89 98; 136 90 99; 137 91 101; 138 92 102
45. 139 93 98; 140 94 99; 141 95 100; 142 96 101; 143 97 102; 144 98 99
46. 145 99 100; 146 100 101; 147 101 102; 148 98 103; 149 99 104; 150 100 105
47. 151 101 106; 152 102 107; 153 103 104; 154 104 105; 155 105 106; 156 106 107
48. 157 106 108; 158 107 109; 159 103 110; 160 104 111; 161 105 112; 162 108 109
49. 163 108 113; 164 110 111; 165 111 112; 166 112 113; 167 109 115; 168 114 115
50. 169 110 120; 170 111 121; 171 112 122; 172 113 123; 173 116 120; 174 117 121
51. 175 118 122; 176 119 123; 177 120 121; 178 121 122; 179 122 123; 180 27 124
52. 181 16 125; 182 124 30; 183 125 19; 184 125 124; 185 13 126; 186 24 127
53. 187 126 16; 188 127 27; 189 126 127; 191 56 58
54. DEFINE MATERIAL START
55. ISOTROPIC STEEL
56. E 2.09042E+007
57. POISSON 0.3
58. DENSITY 7.83341
59. ALPHA 1.2E-005
60. DAMP 0.03
61. TYPE STEEL
62. STRENGTH FY 25819.2 FU 41584 RY 1.5 RT 1.2
63. END DEFINE MATERIAL
64. CONSTANTS
65. BETA 90 MEMB 1 4 5 47 51 114 118 139 142 143 168 173 176
66. MATERIAL STEEL ALL
67. MEMBER PROPERTY AMERICAN
68. 6 TO 14 16 24 25 29 31 TO 33 41 43 TO 46 52 TO 56 119 TO 126 129 TO 132 135 -
69. 136 TO 138 144 TO 151 157 159 TO 161 163 169 TO 172 177 TO 178 -
70. 179 TABLE ST W18X60
71. 15 23 26 27 40 42 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 127 128 133 -
72. 134 152 TO 156 158 162 164 TO 167 180 TO 183 191 TABLE ST W14X34
73. 184 189 TABLE ST W8X35
74. 1 TO 5 139 TO 143 168 173 TO 176 TABLE ST W14X90
75. 60 TO 64 69 TO 73 78 TO 82 88 TO 92 97 TO 101 106 TO 110 TABLE ST W18X86
76. 47 TO 51 114 TO 118 TABLE ST W14X90
77. 185 TO 188 TABLE ST W14X43
78. SUPPORTS
79. 1 TO 5 32 TO 36 75 TO 79 93 TO 97 114 116 TO 119 FIXED
80. MEMBER RELEASE
81. 15 START MX
82. 15 END MX
83. 26 START MX
84. 27 END MX
85. 65 START MX
86. 65 END MX
87. 74 START MX
88. 74 END MX
89. 93 START MX
90. 93 END MX
91. 102 START MX
92. 102 END MX
93. 127 START MX
94. 127 END MX

```
 95. 133 START MX
 96. 133 END MX
 97. 153 START MX
 98. 153 END MX
 99. 164 START MX
100. 164 END MX
101. 165 START MX
102. 165 END MX
103. 154 START MX
104. 154 END MX
105. 103 START MX
106. 103 END MX
107.  94 START MX
108.  94 END MX
109.  85 START MX
110.  85 END MX
111.  75 START MX
112.  75 END MX
113.  66 START MX
114.  66 END MX
115. 166 START MX
116. 166 END MX
117. 155 START MX
118. 155 END MX
119. 162 START MX
120. 162 END MX
121. 156 START MX
122. 156 END MX
123. 134 START MX
124. 134 END MX
125. 128 START MX
126. 128 END MX
127. 105 START MX
128. 105 END MX
129.  96 START MX
130.  96 END MX
131.  87 START MX
132.  87 END MX
133.  77 START MX
134.  77 END MX
135.  68 START MX
136.  68 END MX
137.  40 START MX
138.  40 END MX
139.  23 START MX
140.  23 END MX
141. 167 END MZ
142. 104 START MX
143. 104 END MX
144.  95 START MX
145.  95 END MX
146.  86 START MX
147.  86 END MX
148.  76 START MX
149.  76 END MX
150.  67 START MX
```

```
151. 67 END MX
152. 42 START MZ
153. 42 END MZ
154. 181 START MX
155. 183 END MX
156. 180 START MX
157. 182 END MX
158. 186 START MX
159. 188 END MX
160. 185 START MX
161. 187 END MX
162. 189 START MZ
163. 189 END MZ
164. 191 END MX
165. 191 START MX
166. 184 START MZ
167. 184 END MZ
168. LOAD 1 LOADTYPE NONE  TITLE P.P
169. SELFWEIGHT Y -1
170. MEMBER LOAD
171. 120 121 124 125 130 131 136 137 145 146 UNI GY -0.102
172. LOAD 2 LOADTYPE NONE  TITLE CM
173. MEMBER LOAD
174. 6 26 27 162 UNI GY -0.291
175. 15 UNI GY -0.583
176. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GY -0.389
177. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 122 127 -
178. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
179. 191 UNI GY -0.778
180. 6 TO 10 24 41 60 69 78 88 97 109 123 129 135 148 159 169 177 TO 178 -
181. 179 UNI GY -0.10125
182. LOAD 3 LOADTYPE NONE  TITLE CVINST
183. MEMBER LOAD
184. 6 26 27 162 UNI GY -0.0525
185. 15 UNI GY -0.105
186. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GY -0.07
187. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 122 127 -
188. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
189. 191 UNI GY -0.14
190. LOAD 4 LOADTYPE NONE  TITLE CVMAX
191. MEMBER LOAD
192. 6 26 27 162 UNI GY -0.075
193. 15 UNI GY -0.15
194. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GY -0.1
195. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 122 127 -
196. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
197. 191 UNI GY -0.2
198. LOAD 5 LOADTYPE NONE  TITLE EQUIPOS
199. MEMBER LOAD
200. 180 181 184 187 TO 189 UNI GY -0.65
201. LOAD 6 LOADTYPE NONE  TITLE SX
202. SELFWEIGHT X 1
203. SELFWEIGHT Y 1
204. SELFWEIGHT Z 1
205. MEMBER LOAD
206. 6 26 27 162 UNI GX 0.291
```

```
207. 15 UNI GX 0.583
208. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GX 0.389
209. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 122 127 -
210. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
211. 191 UNI GX 0.778
212. 6 26 162 UNI GY 0.291
213. 15 UNI GY 0.583
214. 7 TO 9 52 120 121 145 146 177 TO 179 UNI GY 0.389
215. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 122 127 -
216. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
217. 191 UNI GY 0.778
218. 6 26 162 UNI GZ 0.291
219. 15 UNI GZ 0.583
220. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GZ 0.389
221. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 122 127 -
222. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
223. 191 UNI GZ 0.778
224. 6 26 162 UNI GX 0.0525
225. 15 UNI GX 0.105
226. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GX 0.07
227. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 TO 122 127 -
228. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
229. 191 UNI GX 0.14
230. 6 26 27 162 UNI GY 0.0525
231. 15 UNI GY 0.105
232. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GY 0.07
233. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 TO 122 127 -
234. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
235. 191 UNI GY 0.14
236. 6 26 27 UNI GZ 0.0525
237. 15 UNI GZ 0.105
238. 7 TO 9 52 53 120 121 145 146 177 TO 179 UNI GZ 0.07
239. 23 40 54 TO 56 65 TO 68 74 TO 77 85 TO 87 93 TO 96 102 TO 105 119 TO 122 127 -
240. 128 133 134 144 147 153 TO 156 164 TO 166 180 TO 183 185 TO 188 -
241. 191 UNI GZ 0.14
242. 180 181 184 187 TO 189 UNI GX 0.65
243. 180 181 184 187 TO 189 UNI GY 0.65
244. 180 181 184 187 TO 189 UNI GZ 0.65
245. SPECTRUM SRSS X 1 ACC SCALE 9.81 DAMP 0.05 LIN
246. 0 0.478; 0.1 0.478; 0.2 0.478; 0.3 0.478; 0.4 0.478; 0.5 0.478; 0.6 0.478
247. 0.7 0.478; 0.8 0.478; 0.9 0.478; 1 0.478; 1.1 0.478; 1.2 0.478; 1.3 0.453
248. 1.4 0.432; 1.5 0.412; 1.6 0.395; 1.7 0.38; 1.8 0.366; 1.9 0.353; 2 0.341
249. 2.1 0.33; 2.2 0.32; 2.3 0.311; 2.4 0.302; 2.5 0.294; 2.6 0.287; 2.7 0.28
250. 2.8 0.273; 2.9 0.267; 3 0.261; 3.1 0.255; 3.2 0.25; 3.3 0.245; 3.4 0.24
251. 3.5 0.236; 3.6 0.231; 3.7 0.227; 3.8 0.223; 3.9 0.219; 4 0.216; 4.1 0.212
252. 4.2 0.209; 4.3 0.206; 4.4 0.203; 4.5 0.2; 4.6 0.197; 4.7 0.194; 4.8 0.191
253. 4.9 0.189; 5 0.186
254. MEMBER LOAD
255. 6 TO 10 24 41 60 69 78 88 97 109 120 121 123 TO 125 129 TO 131 135 TO 137 -
256. 145 146 148 159 169 177 TO 179 UNI GX 0.10125
257. 6 TO 10 24 41 60 69 78 88 97 109 120 121 123 TO 125 129 TO 131 135 TO 137 -
258. 145 146 148 159 169 177 TO 179 UNI GY 0.10125
259. 6 TO 8 10 24 41 60 69 78 88 97 109 120 121 123 TO 125 129 TO 131 135 TO 137 -
260. 145 146 148 159 169 177 TO 179 UNI GZ -0.10125
261. LOAD 7 LOADTYPE NONE  TITLE SZ
262. SPECTRUM SRSS Z 1 ACC SCALE 9.81 DAMP 0.05 LIN
```

263. 0 0.478; 0.1 0.478; 0.2 0.478; 0.3 0.478; 0.4 0.478; 0.5 0.478; 0.6 0.478
264. 0.7 0.478; 0.8 0.478; 0.9 0.478; 1 0.478; 1.1 0.478; 1.2 0.478; 1.3 0.453
265. 1.4 0.432; 1.5 0.412; 1.6 0.395; 1.7 0.38; 1.8 0.366; 1.9 0.353; 2 0.341
266. 2.1 0.33; 2.2 0.32; 2.3 0.311; 2.4 0.302; 2.5 0.294; 2.6 0.287; 2.7 0.28
267. 2.8 0.273; 2.9 0.267; 3 0.261; 3.1 0.255; 3.2 0.25; 3.3 0.245; 3.4 0.24
268. 3.5 0.236; 3.6 0.231; 3.7 0.227; 3.8 0.223; 3.9 0.219; 4 0.216; 4.1 0.212
269. 4.2 0.209; 4.3 0.206; 4.4 0.203; 4.5 0.2; 4.6 0.197; 4.7 0.194; 4.8 0.191
270. 4.9 0.189; 5 0.186
271. LOAD COMB 8 1.0(PP+CM+EQ+CVINST+SX+0.3SZ)
272. 1 1.0 2 1.0 5 1.0 3 1.0 6 1.0 7 0.3
273. LOAD COMB 9 1.0(PP+CM+EQ+CVINST+SX-0.3SZ)
274. 1 1.0 2 1.0 5 1.0 3 1.0 6 1.0 7 -0.3
275. LOAD COMB 10 1.0(PP+CM+EQ+CVINST-SX+0.3SZ)
276. 1 1.0 2 1.0 5 1.0 3 1.0 6 -1.0 7 0.3
277. LOAD COMB 11 1.0(PP+CM+EQ+CVINST-SX-0.3SZ)
278. 1 1.0 2 1.0 5 1.0 3 1.0 6 -1.0 7 -0.3
279. LOAD COMB 12 1.0(PP+CM+EQ+CVINST+0.3SX+SZ)
280. 1 1.0 2 1.0 5 1.0 3 1.0 6 0.3 7 1.0
281. LOAD COMB 13 1.0(PP+CM+EQ+CVINST+0.3SX-SZ)
282. 1 1.0 2 1.0 5 1.0 3 1.0 6 0.3 7 -1.0
283. LOAD COMB 14 1.0(PP+CM+EQ+CVINST-0.3SX+SZ)
284. 1 1.0 2 1.0 5 1.0 3 1.0 6 -0.3 7 1.0
285. LOAD COMB 15 1.0(PP+CM+EQ+CVINST-0.3SX-SZ)
286. 1 1.0 2 1.0 5 1.0 3 1.0 6 -0.3 7 -1.0
287. LOAD COMB 16 1.1(PP+CM+EQ+CVINST+SX+0.33SZ)
288. 1 1.1 2 1.1 5 1.1 3 1.1 6 1.1 7 0.33
289. LOAD COMB 17 1.1(PP+CM+EQ+CVINST+SX-0.33SZ)
290. 1 1.1 2 1.1 5 1.1 3 1.1 6 1.1 7 -0.33
291. LOAD COMB 18 1.1(PP+CM+EQ+CVINST-SX+0.33SZ)
292. 1 1.1 2 1.1 5 1.1 3 1.1 6 -1.1 7 0.33
293. LOAD COMB 19 1.1(PP+CM+EQ+CVINST-SX-0.33SZ)
294. 1 1.1 2 1.1 5 1.1 3 1.1 6 -1.1 7 -0.33
295. LOAD COMB 20 1.1(PP+CM+EQ+CVINST+0.33SX+SZ)
296. 1 1.1 2 1.1 5 1.1 3 1.1 6 0.33 7 1.1
297. LOAD COMB 21 1.1(PP+CM+EQ+CVINST+0.33SX-SZ)
298. 1 1.1 2 1.1 5 1.1 3 1.1 6 0.33 7 -1.1
299. LOAD COMB 22 1.1(PP+CM+EQ+CVINST-0.33SX+SZ)
300. 1 1.1 2 1.1 5 1.1 3 1.1 6 -0.33 7 1.1
301. LOAD COMB 23 1.1(PP+CM+EQ+CVINST-0.33SX-SZ)
302. 1 1.1 2 1.1 5 1.1 3 1.1 6 -0.33 7 -1.1
303. LOAD COMB 24 1.1(PP+CM+EQ+CVINST)
304. 1 1.1 2 1.1 3 1.1 5 1.1
305. LOAD COMB 25 1.1(PP+CM+EQ+CVMAX)
306. 1 1.1 2 1.1 5 1.1 4 1.1
307. PERFORM ANALYSIS PRINT ALL

STAAD SPACE   -- PAGE NO.   7

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

  NUMBER OF JOINTS   112   NUMBER OF MEMBERS   168
  NUMBER OF PLATES   0   NUMBER OF SOLIDS   0
  NUMBER OF SURFACES   0   NUMBER OF SUPPORTS   25

      SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

  ORIGINAL/FINAL BAND-WIDTH=   98/   10/   54 DOF
TOTAL   PRIMARY LOAD CASES =   7, TOTAL DEGREES OF FREEDOM =   522
TOTAL LOAD COMBINATION CASES =   18 SO FAR.
  SIZE OF STIFFNESS MATRIX =   29 DOUBLE KILO-WORDS
  REQRD/AVAIL. DISK SPACE =   12.9/ 375190.7 MB

STAAD SPACE   -- PAGE NO.   8

LOADING   1 LOADTYPE NONE TITLE P.P

    SELFWEIGHT Y   -1.000

    ACTUAL WEIGHT OF THE STRUCTURE =   50.691 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER   UDL   L1   L2   CON   L   LIN1   LIN2

  120   -0.1020 GY   0.00   6.00
  121   -0.1020 GY   0.00   6.00
  124   -0.1020 GY   0.00   2.00
  125   -0.1020 GY   0.00   2.00
  130   -0.1020 GY   0.00   2.00
  131   -0.1020 GY   0.00   2.00
  136   -0.1020 GY   0.00   2.00
  137   -0.1020 GY   0.00   2.00
  145   -0.1020 GY   0.00   6.00
  146   -0.1020 GY   0.00   6.00

LOADING   2 LOADTYPE NONE   TITLE CM

MEMBER LOAD - UNIT MTON METE

MEMBER   UDL   L1   L2   CON   L   LIN1   LIN2

    6   -0.2910 GY   0.00   6.00
   26   -0.2910 GY   0.00   4.50
   27   -0.2910 GY   0.00   1.50
  162   -0.2910 GY   0.00   6.00
   15   -0.5830 GY   0.00   6.00
    7   -0.3890 GY   0.00   6.00
    8   -0.3890 GY   0.00   6.00
    9   -0.3890 GY   0.00   6.00
   52   -0.3890 GY   0.00   4.50
   53   -0.3890 GY   0.00   1.50
  120   -0.3890 GY   0.00   6.00
  121   -0.3890 GY   0.00   6.00
  145   -0.3890 GY   0.00   6.00
  146   -0.3890 GY   0.00   6.00
  177   -0.3890 GY   0.00   6.00
  178   -0.3890 GY   0.00   6.00
  179   -0.3890 GY   0.00   6.00
   23   -0.7780 GY   0.00   6.00
   40   -0.7780 GY   0.00   6.00
   54   -0.7780 GY   0.00   6.00
   55   -0.7780 GY   0.00   6.00
   56   -0.7780 GY   0.00   6.00

```
 65     -0.7780 GY    0.00      6.00
 66     -0.7780 GY    0.00      6.00
 67     -0.7780 GY    0.00      6.00
 68     -0.7780 GY    0.00      6.00
 74     -0.7780 GY    0.00      6.00
 75     -0.7780 GY    0.00      6.00
 76     -0.7780 GY    0.00      6.00
 77     -0.7780 GY    0.00      6.00
 85     -0.7780 GY    0.00      6.00
 86     -0.7780 GY    0.00      6.00
 87     -0.7780 GY    0.00      6.00
 93     -0.7780 GY    0.00      6.00
 94     -0.7780 GY    0.00      6.00
 95     -0.7780 GY    0.00      6.00
 96     -0.7780 GY    0.00      6.00
102     -0.7780 GY    0.00      6.00
103     -0.7780 GY    0.00      6.00
104     -0.7780 GY    0.00      6.00
105     -0.7780 GY    0.00      6.00
119     -0.7780 GY    0.00      6.00
122     -0.7780 GY    0.00      6.00
127     -0.7780 GY    0.00      6.00
128     -0.7780 GY    0.00      6.00
133     -0.7780 GY    0.00      6.00
134     -0.7780 GY    0.00      6.00
144     -0.7780 GY    0.00      6.00
147     -0.7780 GY    0.00      6.00
153     -0.7780 GY    0.00      6.00
154     -0.7780 GY    0.00      6.00
155     -0.7780 GY    0.00      6.00
156     -0.7780 GY    0.00      6.00
164     -0.7780 GY    0.00      6.00
165     -0.7780 GY    0.00      6.00
166     -0.7780 GY    0.00      6.00
180     -0.7780 GY    0.00      1.25
181     -0.7780 GY    0.00      1.25
182     -0.7780 GY    0.00      4.75
183     -0.7780 GY    0.00      4.75
185     -0.7780 GY    0.00      4.15
186     -0.7780 GY    0.00      4.15
187     -0.7780 GY    0.00      1.85
188     -0.7780 GY    0.00      1.85
191     -0.7780 GY    0.00      6.00
  6     -0.1013 GY    0.00      6.00
  7     -0.1013 GY    0.00      6.00
  8     -0.1013 GY    0.00      6.00
  9     -0.1013 GY    0.00      6.00
 10     -0.1013 GY    0.00      1.50
 24     -0.1013 GY    0.00      1.50
 41     -0.1013 GY    0.00      3.00
 60     -0.1013 GY    0.00      2.00
 69     -0.1013 GY    0.00      2.00
 78     -0.1013 GY    0.00      2.00
 88     -0.1013 GY    0.00      2.00
 97     -0.1013 GY    0.00      2.00
109     -0.1013 GY    0.00      2.00
```

```
123    -0.1013 GY    0.00    2.00
129    -0.1013 GY    0.00    2.00
135    -0.1013 GY    0.00    2.00
148    -0.1013 GY    0.00    2.00
159    -0.1013 GY    0.00    2.00
169    -0.1013 GY    0.00    2.00
177    -0.1013 GY    0.00    6.00
178    -0.1013 GY    0.00    6.00
179    -0.1013 GY    0.00    6.00
```

```
LOADING    3  LOADTYPE NONE  TITLE CVINST
-----------
```

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
6	-0.0525 GY	0.00	6.00				
26	-0.0525 GY	0.00	4.50				
27	-0.0525 GY	0.00	1.50				
162	-0.0525 GY	0.00	6.00				
15	-0.1050 GY	0.00	6.00				
7	-0.0700 GY	0.00	6.00				
8	-0.0700 GY	0.00	6.00				
9	-0.0700 GY	0.00	6.00				
52	-0.0700 GY	0.00	4.50				
53	-0.0700 GY	0.00	1.50				
120	-0.0700 GY	0.00	6.00				
121	-0.0700 GY	0.00	6.00				
145	-0.0700 GY	0.00	6.00				
146	-0.0700 GY	0.00	6.00				
177	-0.0700 GY	0.00	6.00				
178	-0.0700 GY	0.00	6.00				
179	-0.0700 GY	0.00	6.00				
23	-0.1400 GY	0.00	6.00				
40	-0.1400 GY	0.00	6.00				
54	-0.1400 GY	0.00	6.00				
55	-0.1400 GY	0.00	6.00				
56	-0.1400 GY	0.00	6.00				
65	-0.1400 GY	0.00	6.00				
66	-0.1400 GY	0.00	6.00				
67	-0.1400 GY	0.00	6.00				
68	-0.1400 GY	0.00	6.00				
74	-0.1400 GY	0.00	6.00				
75	-0.1400 GY	0.00	6.00				
76	-0.1400 GY	0.00	6.00				
77	-0.1400 GY	0.00	6.00				
85	-0.1400 GY	0.00	6.00				
86	-0.1400 GY	0.00	6.00				
87	-0.1400 GY	0.00	6.00				
93	-0.1400 GY	0.00	6.00				
94	-0.1400 GY	0.00	6.00				
95	-0.1400 GY	0.00	6.00				
96	-0.1400 GY	0.00	6.00				

```
102    -0.1400 GY    0.00    6.00
103    -0.1400 GY    0.00    6.00
104    -0.1400 GY    0.00    6.00
105    -0.1400 GY    0.00    6.00
119    -0.1400 GY    0.00    6.00
122    -0.1400 GY    0.00    6.00
127    -0.1400 GY    0.00    6.00
128    -0.1400 GY    0.00    6.00
133    -0.1400 GY    0.00    6.00
134    -0.1400 GY    0.00    6.00
144    -0.1400 GY    0.00    6.00
147    -0.1400 GY    0.00    6.00
153    -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
164    -0.1400 GY    0.00    6.00
165    -0.1400 GY    0.00    6.00
166    -0.1400 GY    0.00    6.00
180    -0.1400 GY    0.00    1.25
181    -0.1400 GY    0.00    1.25
182    -0.1400 GY    0.00    4.75
183    -0.1400 GY    0.00    4.75
185    -0.1400 GY    0.00    4.15
186    -0.1400 GY    0.00    4.15
187    -0.1400 GY    0.00    1.85
188    -0.1400 GY    0.00    1.85
191    -0.1400 GY    0.00    6.00


LOADING     4  LOADTYPE NONE   TITLE CVMAX
-----------


MEMBER LOAD - UNIT MTON METE

MEMBER     UDL       L1      L2      CON      L     LIN1      LIN2

    6    -0.0750 GY    0.00    6.00
   26    -0.0750 GY    0.00    4.50
   27    -0.0750 GY    0.00    1.50
  162    -0.0750 GY    0.00    6.00
   15    -0.1500 GY    0.00    6.00
    7    -0.1000 GY    0.00    6.00
    8    -0.1000 GY    0.00    6.00
    9    -0.1000 GY    0.00    6.00
   52    -0.1000 GY    0.00    4.50
   53    -0.1000 GY    0.00    1.50
  120    -0.1000 GY    0.00    6.00
  121    -0.1000 GY    0.00    6.00
  145    -0.1000 GY    0.00    6.00
  146    -0.1000 GY    0.00    6.00
  177    -0.1000 GY    0.00    6.00
  178    -0.1000 GY    0.00    6.00
  179    -0.1000 GY    0.00    6.00
   23    -0.2000 GY    0.00    6.00
```

```
 STAAD SPACE                                          -- PAGE NO.   12

   40    -0.2000 GY    0.00     6.00
   54    -0.2000 GY    0.00     6.00
   55    -0.2000 GY    0.00     6.00
   56    -0.2000 GY    0.00     6.00
   65    -0.2000 GY    0.00     6.00
   66    -0.2000 GY    0.00     6.00
   67    -0.2000 GY    0.00     6.00
   68    -0.2000 GY    0.00     6.00
   74    -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
   85    -0.2000 GY    0.00     6.00
   86    -0.2000 GY    0.00     6.00
   87    -0.2000 GY    0.00     6.00
   93    -0.2000 GY    0.00     6.00
   94    -0.2000 GY    0.00     6.00
   95    -0.2000 GY    0.00     6.00
   96    -0.2000 GY    0.00     6.00
  102    -0.2000 GY    0.00     6.00
  103    -0.2000 GY    0.00     6.00
  104    -0.2000 GY    0.00     6.00
  105    -0.2000 GY    0.00     6.00
  119    -0.2000 GY    0.00     6.00
  122    -0.2000 GY    0.00     6.00
  127    -0.2000 GY    0.00     6.00
  128    -0.2000 GY    0.00     6.00
  133    -0.2000 GY    0.00     6.00
  134    -0.2000 GY    0.00     6.00
  144    -0.2000 GY    0.00     6.00
  147    -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
  156    -0.2000 GY    0.00     6.00
  164    -0.2000 GY    0.00     6.00
  165    -0.2000 GY    0.00     6.00
  166    -0.2000 GY    0.00     6.00
  180    -0.2000 GY    0.00     1.25
  181    -0.2000 GY    0.00     1.25
  182    -0.2000 GY    0.00     4.75
  183    -0.2000 GY    0.00     4.75
  185    -0.2000 GY    0.00     4.15
  186    -0.2000 GY    0.00     4.15
  187    -0.2000 GY    0.00     1.85
  188    -0.2000 GY    0.00     1.85
  191    -0.2000 GY    0.00     6.00


 LOADING    5  LOADTYPE NONE  TITLE EQUIPOS
 -----------
```

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
180	-0.6500 GY	0.00	1.25				
181	-0.6500 GY	0.00	1.25				
184	-0.6500 GY	0.00	2.00				
187	-0.6500 GY	0.00	1.85				
188	-0.6500 GY	0.00	1.85				
189	-0.6500 GY	0.00	2.00				

LOADING   6 LOADTYPE NONE TITLE SX

    SELFWEIGHT X   1.000

   ACTUAL WEIGHT OF THE STRUCTURE =   50.691 MTON

    SELFWEIGHT   Y   1.000

   ACTUAL WEIGHT OF THE STRUCTURE =   50.691 MTON

    SELFWEIGHT   Z   1.000

   ACTUAL WEIGHT OF THE STRUCTURE =   50.691 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
6	0.2910 GX	0.00	6.00				
26	0.2910 GX	0.00	4.50				
27	0.2910 GX	0.00	1.50				
162	0.2910 GX	0.00	6.00				
15	0.5830 GX	0.00	6.00				
7	0.3890 GX	0.00	6.00				
8	0.3890 GX	0.00	6.00				
9	0.3890 GX	0.00	6.00				
52	0.3890 GX	0.00	4.50				
53	0.3890 GX	0.00	1.50				
120	0.3890 GX	0.00	6.00				
121	0.3890 GX	0.00	6.00				
145	0.3890 GX	0.00	6.00				
146	0.3890 GX	0.00	6.00				
177	0.3890 GX	0.00	6.00				
178	0.3890 GX	0.00	6.00				
179	0.3890 GX	0.00	6.00				
23	0.7780 GX	0.00	6.00				
40	0.7780 GX	0.00	6.00				
54	0.7780 GX	0.00	6.00				
55	0.7780 GX	0.00	6.00				
56	0.7780 GX	0.00	6.00				

```
 65     0.7780 GX    0.00     6.00
 66     0.7780 GX    0.00     6.00
 67     0.7780 GX    0.00     6.00
 68     0.7780 GX    0.00     6.00
 74     0.7780 GX    0.00     6.00
 75     0.7780 GX    0.00     6.00
 76     0.7780 GX    0.00     6.00
 77     0.7780 GX    0.00     6.00
 85     0.7780 GX    0.00     6.00
 86     0.7780 GX    0.00     6.00
 87     0.7780 GX    0.00     6.00
 93     0.7780 GX    0.00     6.00
 94     0.7780 GX    0.00     6.00
 95     0.7780 GX    0.00     6.00
 96     0.7780 GX    0.00     6.00
102     0.7780 GX    0.00     6.00
103     0.7780 GX    0.00     6.00
104     0.7780 GX    0.00     6.00
105     0.7780 GX    0.00     6.00
119     0.7780 GX    0.00     6.00
122     0.7780 GX    0.00     6.00
127     0.7780 GX    0.00     6.00
128     0.7780 GX    0.00     6.00
133     0.7780 GX    0.00     6.00
134     0.7780 GX    0.00     6.00
144     0.7780 GX    0.00     6.00
147     0.7780 GX    0.00     6.00
153     0.7780 GX    0.00     6.00
154     0.7780 GX    0.00     6.00
155     0.7780 GX    0.00     6.00
156     0.7780 GX    0.00     6.00
164     0.7780 GX    0.00     6.00
165     0.7780 GX    0.00     6.00
166     0.7780 GX    0.00     6.00
180     0.7780 GX    0.00     1.25
181     0.7780 GX    0.00     1.25
182     0.7780 GX    0.00     4.75
183     0.7780 GX    0.00     4.75
185     0.7780 GX    0.00     4.15
186     0.7780 GX    0.00     4.15
187     0.7780 GX    0.00     1.85
188     0.7780 GX    0.00     1.85
191     0.7780 GX    0.00     6.00
  6     0.2910 GY    0.00     6.00
 26     0.2910 GY    0.00     4.50
162     0.2910 GY    0.00     6.00
 15     0.5830 GY    0.00     6.00
  7     0.3890 GY    0.00     6.00
  8     0.3890 GY    0.00     6.00
  9     0.3890 GY    0.00     6.00
 52     0.3890 GY    0.00     4.50
120     0.3890 GY    0.00     6.00
121     0.3890 GY    0.00     6.00
145     0.3890 GY    0.00     6.00
146     0.3890 GY    0.00     6.00
177     0.3890 GY    0.00     6.00
```

```
178    0.3890 GY    0.00    6.00
179    0.3890 GY    0.00    6.00
 23    0.7780 GY    0.00    6.00
 40    0.7780 GY    0.00    6.00
 54    0.7780 GY    0.00    6.00
 55    0.7780 GY    0.00    6.00
 56    0.7780 GY    0.00    6.00
 65    0.7780 GY    0.00    6.00
 66    0.7780 GY    0.00    6.00
 67    0.7780 GY    0.00    6.00
 68    0.7780 GY    0.00    6.00
 74    0.7780 GY    0.00    6.00
 75    0.7780 GY    0.00    6.00
 76    0.7780 GY    0.00    6.00
 77    0.7780 GY    0.00    6.00
 85    0.7780 GY    0.00    6.00
 86    0.7780 GY    0.00    6.00
 87    0.7780 GY    0.00    6.00
 93    0.7780 GY    0.00    6.00
 94    0.7780 GY    0.00    6.00
 95    0.7780 GY    0.00    6.00
 96    0.7780 GY    0.00    6.00
102    0.7780 GY    0.00    6.00
103    0.7780 GY    0.00    6.00
104    0.7780 GY    0.00    6.00
105    0.7780 GY    0.00    6.00
119    0.7780 GY    0.00    6.00
122    0.7780 GY    0.00    6.00
127    0.7780 GY    0.00    6.00
128    0.7780 GY    0.00    6.00
133    0.7780 GY    0.00    6.00
134    0.7780 GY    0.00    6.00
144    0.7780 GY    0.00    6.00
147    0.7780 GY    0.00    6.00
153    0.7780 GY    0.00    6.00
154    0.7780 GY    0.00    6.00
155    0.7780 GY    0.00    6.00
156    0.7780 GY    0.00    6.00
164    0.7780 GY    0.00    6.00
165    0.7780 GY    0.00    6.00
166    0.7780 GY    0.00    6.00
180    0.7780 GY    0.00    1.25
181    0.7780 GY    0.00    1.25
182    0.7780 GY    0.00    4.75
183    0.7780 GY    0.00    4.75
185    0.7780 GY    0.00    4.15
186    0.7780 GY    0.00    4.15
187    0.7780 GY    0.00    1.85
188    0.7780 GY    0.00    1.85
191    0.7780 GY    0.00    6.00
  6    0.2910 GZ    0.00    6.00
 26    0.2910 GZ    0.00    4.50
162    0.2910 GZ    0.00    6.00
 15    0.5830 GZ    0.00    6.00
  7    0.3890 GZ    0.00    6.00
  8    0.3890 GZ    0.00    6.00
```

```
  9    0.3890 GZ    0.00    6.00
 52    0.3890 GZ    0.00    4.50
 53    0.3890 GZ    0.00    1.50
120    0.3890 GZ    0.00    6.00
121    0.3890 GZ    0.00    6.00
145    0.3890 GZ    0.00    6.00
146    0.3890 GZ    0.00    6.00
177    0.3890 GZ    0.00    6.00
178    0.3890 GZ    0.00    6.00
179    0.3890 GZ    0.00    6.00
 23    0.7780 GZ    0.00    6.00
 40    0.7780 GZ    0.00    6.00
 54    0.7780 GZ    0.00    6.00
 55    0.7780 GZ    0.00    6.00
 56    0.7780 GZ    0.00    6.00
 65    0.7780 GZ    0.00    6.00
 66    0.7780 GZ    0.00    6.00
 67    0.7780 GZ    0.00    6.00
 68    0.7780 GZ    0.00    6.00
 74    0.7780 GZ    0.00    6.00
 75    0.7780 GZ    0.00    6.00
 76    0.7780 GZ    0.00    6.00
 77    0.7780 GZ    0.00    6.00
 85    0.7780 GZ    0.00    6.00
 86    0.7780 GZ    0.00    6.00
 87    0.7780 GZ    0.00    6.00
 93    0.7780 GZ    0.00    6.00
 94    0.7780 GZ    0.00    6.00
 95    0.7780 GZ    0.00    6.00
 96    0.7780 GZ    0.00    6.00
102    0.7780 GZ    0.00    6.00
103    0.7780 GZ    0.00    6.00
104    0.7780 GZ    0.00    6.00
105    0.7780 GZ    0.00    6.00
119    0.7780 GZ    0.00    6.00
122    0.7780 GZ    0.00    6.00
127    0.7780 GZ    0.00    6.00
128    0.7780 GZ    0.00    6.00
133    0.7780 GZ    0.00    6.00
134    0.7780 GZ    0.00    6.00
144    0.7780 GZ    0.00    6.00
147    0.7780 GZ    0.00    6.00
153    0.7780 GZ    0.00    6.00
154    0.7780 GZ    0.00    6.00
155    0.7780 GZ    0.00    6.00
156    0.7780 GZ    0.00    6.00
164    0.7780 GZ    0.00    6.00
165    0.7780 GZ    0.00    6.00
166    0.7780 GZ    0.00    6.00
180    0.7780 GZ    0.00    1.25
181    0.7780 GZ    0.00    1.25
182    0.7780 GZ    0.00    4.75
183    0.7780 GZ    0.00    4.75
185    0.7780 GZ    0.00    4.15
186    0.7780 GZ    0.00    4.15
187    0.7780 GZ    0.00    1.85
```

```
188     0.7780 GZ     0.00     1.85
191     0.7780 GZ     0.00     6.00
  6     0.0525 GX     0.00     6.00
 26     0.0525 GX     0.00     4.50
162     0.0525 GX     0.00     6.00
 15     0.1050 GX     0.00     6.00
  7     0.0700 GX     0.00     6.00
  8     0.0700 GX     0.00     6.00
  9     0.0700 GX     0.00     6.00
 52     0.0700 GX     0.00     4.50
 53     0.0700 GX     0.00     1.50
120     0.0700 GX     0.00     6.00
121     0.0700 GX     0.00     6.00
145     0.0700 GX     0.00     6.00
146     0.0700 GX     0.00     6.00
177     0.0700 GX     0.00     6.00
178     0.0700 GX     0.00     6.00
179     0.0700 GX     0.00     6.00
 23     0.1400 GX     0.00     6.00
 40     0.1400 GX     0.00     6.00
 54     0.1400 GX     0.00     6.00
 55     0.1400 GX     0.00     6.00
 56     0.1400 GX     0.00     6.00
 65     0.1400 GX     0.00     6.00
 66     0.1400 GX     0.00     6.00
 67     0.1400 GX     0.00     6.00
 68     0.1400 GX     0.00     6.00
 74     0.1400 GX     0.00     6.00
 75     0.1400 GX     0.00     6.00
 76     0.1400 GX     0.00     6.00
 77     0.1400 GX     0.00     6.00
 85     0.1400 GX     0.00     6.00
 86     0.1400 GX     0.00     6.00
 87     0.1400 GX     0.00     6.00
 93     0.1400 GX     0.00     6.00
 94     0.1400 GX     0.00     6.00
 95     0.1400 GX     0.00     6.00
 96     0.1400 GX     0.00     6.00
102     0.1400 GX     0.00     6.00
103     0.1400 GX     0.00     6.00
104     0.1400 GX     0.00     6.00
105     0.1400 GX     0.00     6.00
119     0.1400 GX     0.00     6.00
120     0.1400 GX     0.00     6.00
121     0.1400 GX     0.00     6.00
122     0.1400 GX     0.00     6.00
127     0.1400 GX     0.00     6.00
128     0.1400 GX     0.00     6.00
133     0.1400 GX     0.00     6.00
134     0.1400 GX     0.00     6.00
144     0.1400 GX     0.00     6.00
147     0.1400 GX     0.00     6.00
153     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
```

```
164     0.1400 GX    0.00    6.00
165     0.1400 GX    0.00    6.00
166     0.1400 GX    0.00    6.00
180     0.1400 GX    0.00    1.25
181     0.1400 GX    0.00    1.25
182     0.1400 GX    0.00    4.75
183     0.1400 GX    0.00    4.75
185     0.1400 GX    0.00    4.15
186     0.1400 GX    0.00    4.15
187     0.1400 GX    0.00    1.85
188     0.1400 GX    0.00    1.85
191     0.1400 GX    0.00    6.00
  6     0.0525 GY    0.00    6.00
 26     0.0525 GY    0.00    4.50
 27     0.0525 GY    0.00    1.50
162     0.0525 GY    0.00    6.00
 15     0.1050 GY    0.00    6.00
  7     0.0700 GY    0.00    6.00
  8     0.0700 GY    0.00    6.00
  9     0.0700 GY    0.00    6.00
 52     0.0700 GY    0.00    4.50
 53     0.0700 GY    0.00    1.50
120     0.0700 GY    0.00    6.00
121     0.0700 GY    0.00    6.00
145     0.0700 GY    0.00    6.00
146     0.0700 GY    0.00    6.00
177     0.0700 GY    0.00    6.00
178     0.0700 GY    0.00    6.00
179     0.0700 GY    0.00    6.00
 23     0.1400 GY    0.00    6.00
 40     0.1400 GY    0.00    6.00
 54     0.1400 GY    0.00    6.00
 55     0.1400 GY    0.00    6.00
 56     0.1400 GY    0.00    6.00
 65     0.1400 GY    0.00    6.00
 66     0.1400 GY    0.00    6.00
 67     0.1400 GY    0.00    6.00
 68     0.1400 GY    0.00    6.00
 74     0.1400 GY    0.00    6.00
 75     0.1400 GY    0.00    6.00
 76     0.1400 GY    0.00    6.00
 77     0.1400 GY    0.00    6.00
 85     0.1400 GY    0.00    6.00
 86     0.1400 GY    0.00    6.00
 87     0.1400 GY    0.00    6.00
 93     0.1400 GY    0.00    6.00
 94     0.1400 GY    0.00    6.00
 95     0.1400 GY    0.00    6.00
 96     0.1400 GY    0.00    6.00
102     0.1400 GY    0.00    6.00
103     0.1400 GY    0.00    6.00
104     0.1400 GY    0.00    6.00
105     0.1400 GY    0.00    6.00
119     0.1400 GY    0.00    6.00
120     0.1400 GY    0.00    6.00
121     0.1400 GY    0.00    6.00
```

```
122     0.1400 GY    0.00    6.00
127     0.1400 GY    0.00    6.00
128     0.1400 GY    0.00    6.00
133     0.1400 GY    0.00    6.00
134     0.1400 GY    0.00    6.00
144     0.1400 GY    0.00    6.00
147     0.1400 GY    0.00    6.00
153     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
164     0.1400 GY    0.00    6.00
165     0.1400 GY    0.00    6.00
166     0.1400 GY    0.00    6.00
180     0.1400 GY    0.00    1.25
181     0.1400 GY    0.00    1.25
182     0.1400 GY    0.00    4.75
183     0.1400 GY    0.00    4.75
185     0.1400 GY    0.00    4.15
186     0.1400 GY    0.00    4.15
187     0.1400 GY    0.00    1.85
188     0.1400 GY    0.00    1.85
191     0.1400 GY    0.00    6.00
  6     0.0525 GZ    0.00    6.00
 26     0.0525 GZ    0.00    4.50
 27     0.0525 GZ    0.00    1.50
 15     0.1050 GZ    0.00    6.00
  7     0.0700 GZ    0.00    6.00
  8     0.0700 GZ    0.00    6.00
  9     0.0700 GZ    0.00    6.00
 52     0.0700 GZ    0.00    4.50
 53     0.0700 GZ    0.00    1.50
120     0.0700 GZ    0.00    6.00
121     0.0700 GZ    0.00    6.00
145     0.0700 GZ    0.00    6.00
146     0.0700 GZ    0.00    6.00
177     0.0700 GZ    0.00    6.00
178     0.0700 GZ    0.00    6.00
179     0.0700 GZ    0.00    6.00
 23     0.1400 GZ    0.00    6.00
 40     0.1400 GZ    0.00    6.00
 54     0.1400 GZ    0.00    6.00
 55     0.1400 GZ    0.00    6.00
 56     0.1400 GZ    0.00    6.00
 65     0.1400 GZ    0.00    6.00
 66     0.1400 GZ    0.00    6.00
 67     0.1400 GZ    0.00    6.00
 68     0.1400 GZ    0.00    6.00
 74     0.1400 GZ    0.00    6.00
 75     0.1400 GZ    0.00    6.00
 76     0.1400 GZ    0.00    6.00
 77     0.1400 GZ    0.00    6.00
 85     0.1400 GZ    0.00    6.00
 86     0.1400 GZ    0.00    6.00
 87     0.1400 GZ    0.00    6.00
 93     0.1400 GZ    0.00    6.00
```

```
 94     0.1400 GZ     0.00     6.00
 95     0.1400 GZ     0.00     6.00
 96     0.1400 GZ     0.00     6.00
102     0.1400 GZ     0.00     6.00
103     0.1400 GZ     0.00     6.00
104     0.1400 GZ     0.00     6.00
105     0.1400 GZ     0.00     6.00
119     0.1400 GZ     0.00     6.00
120     0.1400 GZ     0.00     6.00
121     0.1400 GZ     0.00     6.00
122     0.1400 GZ     0.00     6.00
127     0.1400 GZ     0.00     6.00
128     0.1400 GZ     0.00     6.00
133     0.1400 GZ     0.00     6.00
134     0.1400 GZ     0.00     6.00
144     0.1400 GZ     0.00     6.00
147     0.1400 GZ     0.00     6.00
153     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
164     0.1400 GZ     0.00     6.00
165     0.1400 GZ     0.00     6.00
166     0.1400 GZ     0.00     6.00
180     0.1400 GZ     0.00     1.25
181     0.1400 GZ     0.00     1.25
182     0.1400 GZ     0.00     4.75
183     0.1400 GZ     0.00     4.75
185     0.1400 GZ     0.00     4.15
186     0.1400 GZ     0.00     4.15
187     0.1400 GZ     0.00     1.85
188     0.1400 GZ     0.00     1.85
191     0.1400 GZ     0.00     6.00
180     0.6500 GX     0.00     1.25
181     0.6500 GX     0.00     1.25
184     0.6500 GX     0.00     2.00
187     0.6500 GX     0.00     1.85
188     0.6500 GX     0.00     1.85
189     0.6500 GX     0.00     2.00
180     0.6500 GY     0.00     1.25
181     0.6500 GY     0.00     1.25
184     0.6500 GY     0.00     2.00
187     0.6500 GY     0.00     1.85
188     0.6500 GY     0.00     1.85
189     0.6500 GY     0.00     2.00
180     0.6500 GZ     0.00     1.25
181     0.6500 GZ     0.00     1.25
184     0.6500 GZ     0.00     2.00
187     0.6500 GZ     0.00     1.85
188     0.6500 GZ     0.00     1.85
189     0.6500 GZ     0.00     2.00
```

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
6	0.1013	GX	0.00	6.00				
7	0.1013	GX	0.00	6.00				
8	0.1013	GX	0.00	6.00				
9	0.1013	GX	0.00	6.00				
10	0.1013	GX	0.00	1.50				
24	0.1013	GX	0.00	1.50				
41	0.1013	GX	0.00	3.00				
60	0.1013	GX	0.00	2.00				
69	0.1013	GX	0.00	2.00				
78	0.1013	GX	0.00	2.00				
88	0.1013	GX	0.00	2.00				
97	0.1013	GX	0.00	2.00				
109	0.1013	GX	0.00	2.00				
120	0.1013	GX	0.00	6.00				
121	0.1013	GX	0.00	6.00				
123	0.1013	GX	0.00	2.00				
124	0.1013	GX	0.00	2.00				
125	0.1013	GX	0.00	2.00				
129	0.1013	GX	0.00	2.00				
130	0.1013	GX	0.00	2.00				
131	0.1013	GX	0.00	2.00				
135	0.1013	GX	0.00	2.00				
136	0.1013	GX	0.00	2.00				
137	0.1013	GX	0.00	2.00				
145	0.1013	GX	0.00	6.00				
146	0.1013	GX	0.00	6.00				
148	0.1013	GX	0.00	2.00				
159	0.1013	GX	0.00	2.00				
169	0.1013	GX	0.00	2.00				
177	0.1013	GX	0.00	6.00				
178	0.1013	GX	0.00	6.00				
179	0.1013	GX	0.00	6.00				
6	0.1013	GY	0.00	6.00				
7	0.1013	GY	0.00	6.00				
8	0.1013	GY	0.00	6.00				
9	0.1013	GY	0.00	6.00				
10	0.1013	GY	0.00	1.50				
24	0.1013	GY	0.00	1.50				
41	0.1013	GY	0.00	3.00				
60	0.1013	GY	0.00	2.00				
69	0.1013	GY	0.00	2.00				
78	0.1013	GY	0.00	2.00				
88	0.1013	GY	0.00	2.00				
97	0.1013	GY	0.00	2.00				
109	0.1013	GY	0.00	2.00				
120	0.1013	GY	0.00	6.00				
121	0.1013	GY	0.00	6.00				
123	0.1013	GY	0.00	2.00				
124	0.1013	GY	0.00	2.00				
125	0.1013	GY	0.00	2.00				

```
129      0.1013 GY     0.00     2.00
130      0.1013 GY     0.00     2.00
131      0.1013 GY     0.00     2.00
135      0.1013 GY     0.00     2.00
136      0.1013 GY     0.00     2.00
137      0.1013 GY     0.00     2.00
145      0.1013 GY     0.00     6.00
146      0.1013 GY     0.00     6.00
148      0.1013 GY     0.00     2.00
159      0.1013 GY     0.00     2.00
169      0.1013 GY     0.00     2.00
177      0.1013 GY     0.00     6.00
178      0.1013 GY     0.00     6.00
179      0.1013 GY     0.00     6.00
  6     -0.1013 GZ     0.00     6.00
  7     -0.1013 GZ     0.00     6.00
  8     -0.1013 GZ     0.00     6.00
 10     -0.1013 GZ     0.00     1.50
 24     -0.1013 GZ     0.00     1.50
 41     -0.1013 GZ     0.00     3.00
 60     -0.1013 GZ     0.00     2.00
 69     -0.1013 GZ     0.00     2.00
 78     -0.1013 GZ     0.00     2.00
 88     -0.1013 GZ     0.00     2.00
 97     -0.1013 GZ     0.00     2.00
109     -0.1013 GZ     0.00     2.00
120     -0.1013 GZ     0.00     6.00
121     -0.1013 GZ     0.00     6.00
123     -0.1013 GZ     0.00     2.00
124     -0.1013 GZ     0.00     2.00
125     -0.1013 GZ     0.00     2.00
129     -0.1013 GZ     0.00     2.00
130     -0.1013 GZ     0.00     2.00
131     -0.1013 GZ     0.00     2.00
135     -0.1013 GZ     0.00     2.00
136     -0.1013 GZ     0.00     2.00
137     -0.1013 GZ     0.00     2.00
145     -0.1013 GZ     0.00     6.00
146     -0.1013 GZ     0.00     6.00
148     -0.1013 GZ     0.00     2.00
159     -0.1013 GZ     0.00     2.00
169     -0.1013 GZ     0.00     2.00
177     -0.1013 GZ     0.00     6.00
178     -0.1013 GZ     0.00     6.00
179     -0.1013 GZ     0.00     6.00


  RESPONSE SPECTRUM VALUES - UNITS ( METE SECOND )
  -----------------------

          DIRECTIONAL VALUES:              SCALE FACTOR =     9.81

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

PERIOD VS. ACCELERATION

0.0010	0.4780
0.1000	0.4780
0.2000	0.4780
0.3000	0.4780
0.4000	0.4780
0.5000	0.4780
0.6000	0.4780
0.7000	0.4780
0.8000	0.4780
0.9000	0.4780
1.0000	0.4780
1.1000	0.4780
1.2000	0.4780
1.3000	0.4530
1.4000	0.4320
1.5000	0.4120
1.6000	0.3950
1.7000	0.3800
1.8000	0.3660
1.9000	0.3530
2.0000	0.3410
2.1000	0.3300
2.2000	0.3200
2.3000	0.3110
2.4000	0.3020
2.5000	0.2940
2.6000	0.2870
2.7000	0.2800
2.8000	0.2730
2.9000	0.2670
3.0000	0.2610
3.1000	0.2550
3.2000	0.2500
3.3000	0.2450
3.4000	0.2400
3.5000	0.2360
3.6000	0.2310
3.7000	0.2270
3.8000	0.2230
3.9000	0.2190
4.0000	0.2160
4.1000	0.2120
4.2000	0.2090
4.3000	0.2060
4.4000	0.2030
4.5000	0.2000
4.6000	0.1970
4.7000	0.1940
4.8000	0.1910
4.9000	0.1890
5.0000	0.1860

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

LOADING   7 LOADTYPE NONE TITLE SZ

RESPONSE SPECTRUM VALUES - UNITS (METE SECOND)

         DIRECTIONAL VALUES: SCALE FACTOR =   9.81

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

         PERIOD VS. ACCELERATION

         0.0010   0.4780
         0.1000   0.4780
         0.2000   0.4780
         0.3000   0.4780
         0.4000   0.4780
         0.5000   0.4780
         0.6000   0.4780
         0.7000   0.4780
         0.8000   0.4780
         0.9000   0.4780
         1.0000   0.4780
         1.1000   0.4780
         1.2000   0.4780
         1.3000   0.4530
         1.4000   0.4320
         1.5000   0.4120
         1.6000   0.3950
         1.7000   0.3800
         1.8000   0.3660
         1.9000   0.3530
         2.0000   0.3410
         2.1000   0.3300
         2.2000   0.3200
         2.3000   0.3110
         2.4000   0.3020
         2.5000   0.2940
         2.6000   0.2870
         2.7000   0.2800
         2.8000   0.2730
         2.9000   0.2670
         3.0000   0.2610
         3.1000   0.2550
         3.2000   0.2500
         3.3000   0.2450
         3.4000   0.2400
         3.5000   0.2360

STAAD SPACE   -- PAGE NO.   25

```
            3.6000            0.2310
            3.7000            0.2270
            3.8000            0.2230
            3.9000            0.2190
            4.0000            0.2160
            4.1000            0.2120
            4.2000            0.2090
            4.3000            0.2060
            4.4000            0.2030
            4.5000            0.2000
            4.6000            0.1970
            4.7000            0.1940
            4.8000            0.1910
            4.9000            0.1890
            5.0000            0.1860
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT    125 EQN.NO.       54
          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    126 EQN.NO.       78
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT    124 EQN.NO.       96
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT    127 EQN.NO.      120
*WARNING- ZERO STIFFNESS IN DIRECTION 6 AT JOINT     22 EQN.NO.      180
 EIGEN METHOD   : SUBSPACE
 -----------------------
 NUMBER OF MODES REQUESTED            =     6
 NUMBER OF EXISTING MASSES IN THE MODEL =   261
 NUMBER OF MODES THAT WILL BE USED     =     6
```

STAAD SPACE   -- PAGE NO.   26

            CALCULATED FREQUENCIES FOR LOAD CASE   6

      MODE   FREQUENCY(CYCLES/SEC)   PERIOD(SEC)   ACCURACY

         1   1.537   0.65061   3.047E-16
         2   2.998   0.33360   1.928E-09
         3   3.032   0.32985   1.361E-07
         4   3.291   0.30382   5.066E-10
         5   3.458   0.28922   3.668E-09
         6   3.592   0.27836   3.119E-07

STAAD SPACE   -- PAGE NO.   27

   The following Frequencies are estimates that were calculated. These are for
   information only and will not be used. Remaining values are either above
   the cut off mode/freq values or are of low accuracy. To use these
   frequencies, rerun with a higher cutoff mode (or mode + freq) value.
            CALCULATED FREQUENCIES FOR LOAD CASE   6

   MODE   FREQUENCY(CYCLES/SEC)   PERIOD(SEC)   ACCURACY

      7   3.693   0.27075   1.742E-08
      8   3.760   0.26597   4.204E-07
      9   3.845   0.26010   8.983E-09

   RESPONSE LOAD CASE   6

        MODAL WEIGHT (MODAL MASS TIMES g) IN MTON   GENERALIZED
   MODE   X   Y   Z   WEIGHT

      1   6.481518E-04 1.127697E-06 1.235521E+02   7.445723E+01
      2   2.803847E-02 6.672378E-05 7.043704E+01   4.725407E+01
      3   8.283461E-02 5.860534E-04 5.391948E+01   4.135340E+01
      4   1.840048E+02 1.911485E+00 1.848088E-02   7.368809E+01
      5   2.457876E+01 8.417615E-01 8.457079E-03   1.608427E+02
      6   1.547913E+00 8.268220E-03 2.531207E+01   9.109109E+01

   SRSS   MODAL COMBINATION METHOD USED.
   DYNAMIC WEIGHT X Y Z   3.462858E+02 3.453445E+02 3.243505E+02 MTON
   MISSING WEIGHT X Y Z -1.360428E+02 -3.425824E+02 -5.110289E+01 MTON
     MODAL WEIGHT X Y Z   2.102430E+02 2.762169E+00 2.732476E+02 MTON

        MODE   ACCELERATION-G   DAMPING
        ----   --------------   -------

         1   0.47816   0.05000
         2   0.47816   0.05000
         3   0.47816   0.05000
         4   0.47816   0.05000
         5   0.47816   0.05000
         6   0.47816   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     0.651      0.00     -0.00      0.14      0.53     -1.62     -0.00
       2     0.334      0.01      0.00     -0.67     -2.63      2.13     -0.04
       3     0.330      0.04      0.00      1.01      3.90    -27.29     -0.10
       4     0.304     87.98      8.97     -0.88   -112.83   1284.97   -207.73
       5     0.289     11.75     -2.17      0.22     25.71    351.94    -74.42
       6     0.278      0.74     -0.05     -2.99    -11.04     63.45     -3.38
```

```
         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 38.09   0.000    0.000   38.092    0.00     0.00     0.00
    2   0.01  0.00 21.72   0.008    0.000   59.808    0.01     0.00     0.00
    3   0.02  0.00 16.62   0.032    0.000   76.432    0.04     0.00     0.00
    4  53.14  0.55  0.01  53.169    0.554   76.438   87.98     0.00     0.00
    5   7.10  0.24  0.00  60.267    0.797   76.441   11.75     0.00     0.00
    6   0.45  0.00  7.80  60.714    0.800   84.245    0.74     0.00     0.00
                                                    ---------------------------
                                 TOTAL SRSS  SHEAR   88.77     0.00     0.00
                                 TOTAL 10PCT SHEAR  100.52     0.00     0.00
                                 TOTAL ABS   SHEAR  100.53     0.00     0.00
```

```
    RESPONSE LOAD CASE       7
```

```
        MODAL WEIGHT (MODAL MASS TIMES g) IN MTON        GENERALIZED
      MODE         X               Y               Z          WEIGHT

         1      6.481518E-04   1.127697E-06   1.235521E+02   7.445723E+01
         2      2.803847E-02   6.672378E-05   7.043704E+01   4.725407E+01
         3      8.283461E-02   5.860534E-04   5.391948E+01   4.135340E+01
         4      1.840048E+02   1.911485E+00   1.848088E-02   7.368809E+01
         5      2.457876E+01   8.417615E-01   8.457079E-03   1.608427E+02
         6      1.547913E+00   8.268220E-03   2.531207E+01   9.109109E+01
```

```
 SRSS          MODAL COMBINATION METHOD USED.
 DYNAMIC WEIGHT X Y Z   3.462858E+02  3.453445E+02  3.243505E+02 MTON
 MISSING WEIGHT X Y Z  -1.360428E+02 -3.425824E+02 -5.110289E+01 MTON
   MODAL WEIGHT X Y Z   2.102430E+02  2.762169E+00  2.732476E+02 MTON
```

MODE	ACCELERATION-G	DAMPING
1	0.47816	0.05000
2	0.47816	0.05000
3	0.47816	0.05000
4	0.47816	0.05000
5	0.47816	0.05000
6	0.47816	0.05000

```
MODAL BASE ACTIONS        FORCES IN MTON LENGTH IN METE
-----------------------------------------------------------
                                             MOMENTS ARE ABOUT THE ORIGIN
  MODE    PERIOD      FX       FY       FZ       MX       MY       MZ
```

MODE	PERIOD	FX	FY	FZ	MX	MY	MZ
1	0.651	0.14	-0.01	59.08	230.55	-709.48	-0.57
2	0.334	-0.67	-0.03	33.68	131.83	-106.95	2.17
3	0.330	1.01	0.08	25.78	99.40	-696.35	-2.51
4	0.304	-0.88	-0.09	0.01	1.13	-12.88	2.08
5	0.289	0.22	-0.04	0.00	0.48	6.53	-1.38
6	0.278	-2.99	0.22	12.10	44.64	-256.57	13.68

```
           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  38.09   0.000     0.000     38.092    0.00   0.00   59.08
    2    0.01   0.00  21.72   0.008     0.000     59.808    0.00   0.00   33.68
    3    0.02   0.00  16.62   0.032     0.000     76.432    0.00   0.00   25.78
    4   53.14   0.55   0.01  53.169     0.554     76.438    0.00   0.00    0.01
    5    7.10   0.24   0.00  60.267     0.797     76.441    0.00   0.00    0.00
    6    0.45   0.00   7.80  60.714     0.800     84.245    0.00   0.00   12.10
                                                         ---------------------------
                                      TOTAL SRSS  SHEAR    0.00   0.00   73.73
                                      TOTAL 10PCT SHEAR    0.00   0.00   84.70
                                      TOTAL ABS   SHEAR    0.00   0.00  130.66




FOR LOADING -      1
APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X      FORCE-Y      FORCE-Z       MOM-X       MOM-Y        MOM-Z
     1 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
     2 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
     3 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
     4 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
     5 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
     6 0.00000E+00-5.94706E-01 0.00000E+00 2.66841E-01 0.00000E+00-1.66775E-02
     7 0.00000E+00-8.61547E-01 0.00000E+00 0.00000E+00 0.00000E+00-1.66775E-02
     8 0.00000E+00-8.83784E-01 0.00000E+00 4.39501E-08 0.00000E+00-2.96490E-02
     9 0.00000E+00-8.83784E-01 0.00000E+00-8.79001E-08 0.00000E+00-2.96490E-02
    10 0.00000E+00-6.16943E-01 0.00000E+00-2.66841E-01 0.00000E+00-2.96490E-02
    11 0.00000E+00-2.85034E-01 0.00000E+00 1.51614E-01 0.00000E+00 0.00000E+00
    12 0.00000E+00-2.40561E-01 0.00000E+00-1.51614E-01 0.00000E+00 1.48245E-02
    13 0.00000E+00-1.98842E-01 0.00000E+00 9.13911E-02 0.00000E+00-5.55918E-03
    16 0.00000E+00-2.68382E-01 0.00000E+00-1.15810E-02 0.00000E+00 0.00000E+00
    19 0.00000E+00-4.49536E-01 0.00000E+00 5.65920E-02 0.00000E+00 0.00000E+00
    20 0.00000E+00-3.29508E-01 0.00000E+00-1.51614E-01 0.00000E+00 0.00000E+00
    21 0.00000E+00-3.13841E-01 0.00000E+00 8.52829E-02 0.00000E+00-5.00326E-02
    22 0.00000E+00-2.27421E-01 0.00000E+00-7.58070E-02 0.00000E+00 0.00000E+00
    23 0.00000E+00-1.26850E-01 0.00000E+00-9.47588E-03 0.00000E+00 0.00000E+00
    24 0.00000E+00-2.65552E-01 0.00000E+00 9.13911E-02 0.00000E+00-2.22367E-02
    27 0.00000E+00-2.68382E-01 0.00000E+00-1.15810E-02 0.00000E+00 0.00000E+00
    30 0.00000E+00-4.49536E-01 0.00000E+00 5.65920E-02 0.00000E+00 0.00000E+00
    31 0.00000E+00-3.29508E-01 0.00000E+00-1.51614E-01 0.00000E+00 0.00000E+00
    32 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    33 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    34 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    35 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    36 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    37 0.00000E+00-7.22567E-01 0.00000E+00 1.50098E-01 0.00000E+00 2.40898E-02
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
38	0.00000E+00	-3.42648E-01	0.00000E+00	-1.33420E-01	0.00000E+00	0.00000E+00
39	0.00000E+00	-8.11514E-01	0.00000E+00	2.50163E-01	0.00000E+00	-1.29714E-02
40	0.00000E+00	-1.01164E+00	0.00000E+00	4.39501E-08	0.00000E+00	-1.29714E-02
41	0.00000E+00	-1.01164E+00	0.00000E+00	-8.79001E-08	0.00000E+00	-1.29714E-02
42	0.00000E+00	-7.44804E-01	0.00000E+00	-2.66841E-01	0.00000E+00	-1.29714E-02
46	0.00000E+00	-4.07337E-01	0.00000E+00	1.51614E-01	0.00000E+00	-1.64813E-08
47	0.00000E+00	-5.58951E-01	0.00000E+00	0.00000E+00	0.00000E+00	-1.64813E-08
48	0.00000E+00	-5.58951E-01	0.00000E+00	3.29626E-08	0.00000E+00	-1.64813E-08
49	0.00000E+00	-5.58951E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-1.64813E-08
50	0.00000E+00	-4.07336E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-1.64813E-08
51	0.00000E+00	-4.07336E-01	0.00000E+00	1.51614E-01	0.00000E+00	3.02157E-08
52	0.00000E+00	-5.58951E-01	0.00000E+00	0.00000E+00	0.00000E+00	3.02157E-08
53	0.00000E+00	-5.58951E-01	0.00000E+00	3.29626E-08	0.00000E+00	3.02157E-08
54	0.00000E+00	-5.58951E-01	0.00000E+00	-4.39501E-08	0.00000E+00	3.02157E-08
55	0.00000E+00	-4.07336E-01	0.00000E+00	-1.51614E-01	0.00000E+00	3.02157E-08
56	0.00000E+00	-4.07336E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
58	0.00000E+00	-5.58951E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
59	0.00000E+00	-5.58951E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
60	0.00000E+00	-5.58951E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
61	0.00000E+00	-4.07336E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
62	0.00000E+00	-4.07336E-01	0.00000E+00	1.51614E-01	0.00000E+00	-3.02157E-08
63	0.00000E+00	-5.58951E-01	0.00000E+00	0.00000E+00	0.00000E+00	-3.02157E-08
64	0.00000E+00	-5.58951E-01	0.00000E+00	3.29626E-08	0.00000E+00	-3.02157E-08
65	0.00000E+00	-5.58951E-01	0.00000E+00	-4.39501E-08	0.00000E+00	-3.02157E-08
66	0.00000E+00	-4.07336E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-3.02157E-08
67	0.00000E+00	-4.07337E-01	0.00000E+00	1.51614E-01	0.00000E+00	0.00000E+00
68	0.00000E+00	-5.58951E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.00000E+00	-5.58951E-01	0.00000E+00	3.29626E-08	0.00000E+00	0.00000E+00
70	0.00000E+00	-5.58951E-01	0.00000E+00	-4.39501E-08	0.00000E+00	0.00000E+00
71	0.00000E+00	-4.07337E-01	0.00000E+00	-1.51614E-01	0.00000E+00	0.00000E+00
72	0.00000E+00	-1.41965E+00	0.00000E+00	3.06000E-01	0.00000E+00	-2.10286E-02
73	0.00000E+00	-1.53470E+00	0.00000E+00	1.31850E-07	0.00000E+00	4.26204E-02
74	0.00000E+00	-1.41965E+00	0.00000E+00	-3.06000E-01	0.00000E+00	-2.10286E-02
75	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
78	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
80	0.00000E+00	-7.44804E-01	0.00000E+00	2.66841E-01	0.00000E+00	1.29714E-02
84	0.00000E+00	-7.44804E-01	0.00000E+00	-2.66841E-01	0.00000E+00	1.29714E-02
85	0.00000E+00	-3.29508E-01	0.00000E+00	1.51614E-01	0.00000E+00	4.39501E-08
86	0.00000E+00	-5.33508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	9.88877E-08
87	0.00000E+00	-5.33508E-01	0.00000E+00	1.51614E-01	0.00000E+00	9.88877E-08
88	0.00000E+00	-3.29508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	4.39501E-08
89	0.00000E+00	-3.29508E-01	0.00000E+00	1.51614E-01	0.00000E+00	-4.39501E-08
90	0.00000E+00	-5.33508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-9.88877E-08
91	0.00000E+00	-5.33508E-01	0.00000E+00	1.51614E-01	0.00000E+00	-9.88877E-08
92	0.00000E+00	-3.29508E-01	0.00000E+00	-1.51614E-01	0.00000E+00	-4.39501E-08
93	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	-2.61155E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	-2.61155E-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
    98 0.00000E+00-7.05890E-01 0.00000E+00 2.66841E-01 0.00000E+00 0.00000E+00
    99 0.00000E+00-1.38073E+00 0.00000E+00 3.06000E-01 0.00000E+00 3.40000E-02
   100 0.00000E+00-1.49578E+00 0.00000E+00 1.31850E-07 0.00000E+00-2.96490E-02
   101 0.00000E+00-1.38073E+00 0.00000E+00-3.06000E-01 0.00000E+00 3.40000E-02
   102 0.00000E+00-6.67481E-01 0.00000E+00-2.66841E-01 0.00000E+00 1.28030E-02
   103 0.00000E+00-3.29508E-01 0.00000E+00 1.51614E-01 0.00000E+00 4.39501E-08
   104 0.00000E+00-4.81122E-01 0.00000E+00 0.00000E+00 0.00000E+00 4.39501E-08
   105 0.00000E+00-4.81122E-01 0.00000E+00 3.29626E-08 0.00000E+00 4.39501E-08
   106 0.00000E+00-4.58885E-01 0.00000E+00-4.39501E-08 0.00000E+00 1.29715E-02
   107 0.00000E+00-2.40056E-01 0.00000E+00-1.51614E-01 0.00000E+00 7.37016E-03
   108 0.00000E+00-2.40561E-01 0.00000E+00 1.51614E-01 0.00000E+00 1.48244E-02
   109 0.00000E+00-2.25682E-01 0.00000E+00-1.51614E-01 0.00000E+00 2.46634E-03
   110 0.00000E+00-3.29508E-01 0.00000E+00 1.51614E-01 0.00000E+00-9.06470E-08
   111 0.00000E+00-4.81122E-01 0.00000E+00 0.00000E+00 0.00000E+00-9.06470E-08
   112 0.00000E+00-4.81122E-01 0.00000E+00 3.29626E-08 0.00000E+00-9.06470E-08
   113 0.00000E+00-2.62798E-01 0.00000E+00-1.51614E-01 0.00000E+00-2.77960E-02
   114 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   115 0.00000E+00-2.85637E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   116 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   117 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   118 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   119 0.00000E+00-2.61155E-01 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
   120 0.00000E+00-6.16943E-01 0.00000E+00 2.66841E-01 0.00000E+00 2.96490E-02
   121 0.00000E+00-8.83784E-01 0.00000E+00 0.00000E+00 0.00000E+00 2.96490E-02
   122 0.00000E+00-8.83784E-01 0.00000E+00 4.39501E-08 0.00000E+00 2.96490E-02
   123 0.00000E+00-6.16943E-01 0.00000E+00-2.66841E-01 0.00000E+00 2.96490E-02
   124 0.00000E+00-2.03668E-01 0.00000E+00 8.84415E-02 0.00000E+00 0.00000E+00
   125 0.00000E+00-2.03668E-01 0.00000E+00 8.84415E-02 0.00000E+00 0.00000E+00
   126 0.00000E+00-2.43088E-01 0.00000E+00-7.32296E-02 0.00000E+00 0.00000E+00
   127 0.00000E+00-2.43088E-01 0.00000E+00-7.32296E-02 0.00000E+00 0.00000E+00
```

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

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

                    X = 0.149294814E+02
                    Y = 0.343162169E+01
                    Z = 0.118155087E+02

    ***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING   1)
       SUMMATION FORCE-X =   0.00
       SUMMATION FORCE-Y =   -54.36
       SUMMATION FORCE-Z =   0.00

       SUMMATION OF MOMENTS AROUND THE ORIGIN-
       MX=   642.33 MY=   0.00 MZ=   -811.62

```
   STAAD SPACE                                              -- PAGE NO.   33


 ***TOTAL REACTION LOAD( MTON METE ) SUMMARY (LOADING    1 )
     SUMMATION FORCE-X =           -0.00
     SUMMATION FORCE-Y =           54.36
     SUMMATION FORCE-Z =            0.00


    SUMMATION OF MOMENTS AROUND THE ORIGIN-
    MX=        -642.33  MY=          0.00  MZ=         811.62



  MAXIMUM DISPLACEMENTS (  CM  /RADIANS) (LOADING      1)
           MAXIMUMS     AT NODE
    X = -9.96183E-03       73
    Y = -1.97950E-01       59
    Z = -8.01188E-04      102
    RX=  1.97983E-04       21
    RY= -7.55371E-06      127
    RZ=  4.49677E-04       69




  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      -0.26       0.00       0.00       0.00       0.00
          -0.02      -0.75      -0.06      -0.06       0.00       0.02  111111

   2       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.07      -1.22       0.01       0.01      -0.00       0.07  111111

   3       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.17      -1.29       0.00       0.00       0.00       0.27  111111

   4       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.04      -1.15      -0.01      -0.01       0.00       0.05  111111

   5       0.00      -0.26       0.00       0.00       0.00       0.00
           0.01      -0.67       0.06       0.07      -0.00      -0.01  111111

  32       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.21      -2.22      -0.07      -0.07       0.00       0.26  111111

  33       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.50      -3.31       0.01       0.02      -0.00       0.58  111111

  34       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.56      -3.35      -0.00       0.00       0.00       0.73  111111

  35       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.50      -3.29      -0.00      -0.00       0.00       0.58  111111

  36       0.00      -0.26       0.00       0.00       0.00       0.00
          -0.20      -2.21       0.06       0.07      -0.00       0.25  111111

  75       0.00      -0.26       0.00       0.00       0.00       0.00
           0.21      -2.15      -0.05      -0.05      -0.00      -0.26  111111

  76       0.00      -0.26       0.00       0.00       0.00       0.00
           0.50      -3.66      -0.02      -0.03      -0.00      -0.56  111111

  77       0.00      -0.26       0.00       0.00       0.00       0.00
           0.76      -2.86      -0.00      -0.00       0.00      -0.76  111111

  78       0.00      -0.26       0.00       0.00       0.00       0.00
```

	0.50	-3.64	0.02	0.03	0.00	-0.56	111111
79	0.00	-0.26	0.00	0.00	0.00	0.00	
	0.21	-2.17	0.05	0.05	0.00	-0.28	111111

```
  93      0.00     -0.26      0.00      0.00      0.00      0.00
         -0.05     -1.14     -0.05     -0.06      0.00      0.07 111111

  94      0.00     -0.26      0.00      0.00      0.00      0.00
         -0.10     -2.29     -0.03     -0.03      0.00      0.14 111111

  95      0.00     -0.26      0.00      0.00      0.00      0.00
         -0.18     -2.02     -0.00     -0.00     -0.00      0.21 111111

  96      0.00     -0.26      0.00      0.00      0.00      0.00
         -0.06     -2.33      0.03      0.03     -0.00      0.09 111111

  97      0.00     -0.26      0.00      0.00      0.00      0.00
         -0.03     -1.00      0.05      0.04      0.00      0.03 111111

 114      0.00     -0.26      0.00      0.00      0.00      0.00
          0.00     -0.49     -0.00     -0.00     -0.00     -0.01 111111

 116      0.00     -0.26      0.00      0.00      0.00      0.00
          0.07     -0.86     -0.06     -0.07     -0.00     -0.08 111111

 117      0.00     -0.26      0.00      0.00      0.00      0.00
          0.15     -1.37      0.01      0.01     -0.00     -0.16 111111

 118      0.00     -0.26      0.00      0.00      0.00      0.00
          0.18     -1.40     -0.01     -0.01     -0.00     -0.20 111111

 119      0.00     -0.26      0.00      0.00      0.00      0.00
          0.10     -0.99      0.06      0.07     -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
     6 0.00000E+00-1.25269E+00 0.00000E+00 1.17675E+00 0.00000E+00-1.89844E-02
     7 0.00000E+00-2.64750E+00 0.00000E+00 2.94000E-01 0.00000E+00 0.00000E+00
     8 0.00000E+00-2.94150E+00 0.00000E+00 3.51601E-07 0.00000E+00 0.00000E+00
     9 0.00000E+00-2.94150E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    10 0.00000E+00-1.47075E+00 0.00000E+00-1.47075E+00 0.00000E+00 0.00000E+00
    11 0.00000E+00-1.90087E+00 0.00000E+00 1.74900E+00 0.00000E+00-1.37344E-09
    12 0.00000E+00-1.74900E+00 0.00000E+00-1.74900E+00 0.00000E+00 0.00000E+00
    13 0.00000E+00-1.61435E+00 0.00000E+00 1.11659E+00 0.00000E+00 0.00000E+00
    16 0.00000E+00-1.20590E+00 0.00000E+00-1.20590E-01 0.00000E+00 0.00000E+00
    19 0.00000E+00-4.18175E+00 0.00000E+00 8.71198E-01 0.00000E+00 0.00000E+00
    20 0.00000E+00-2.33400E+00 0.00000E+00-2.33400E+00 0.00000E+00 0.00000E+00
    21 0.00000E+00-8.82563E-01 0.00000E+00 4.91062E-01 0.00000E+00-5.69531E-02
    22 0.00000E+00-8.73000E-01 0.00000E+00-4.36500E-01 0.00000E+00 0.00000E+00
    23 0.00000E+00-2.18250E-01 0.00000E+00-5.45625E-02 0.00000E+00 0.00000E+00
    24 0.00000E+00-1.61435E+00 0.00000E+00 1.11659E+00 0.00000E+00 0.00000E+00
    27 0.00000E+00-1.20590E+00 0.00000E+00-1.20590E-01 0.00000E+00 0.00000E+00
    30 0.00000E+00-4.18175E+00 0.00000E+00 8.71198E-01 0.00000E+00 0.00000E+00
    31 0.00000E+00-2.33400E+00 0.00000E+00-2.33400E+00 0.00000E+00 0.00000E+00
    37 0.00000E+00-1.12837E+00 0.00000E+00 6.56437E-01 0.00000E+00 4.21875E-02
    38 0.00000E+00-1.16700E+00 0.00000E+00-5.83500E-01 0.00000E+00 0.00000E+00
    39 0.00000E+00-2.62575E+00 0.00000E+00 2.26106E+00 0.00000E+00 0.00000E+00
    40 0.00000E+00-4.66800E+00 0.00000E+00 7.03201E-07 0.00000E+00 0.00000E+00
    41 0.00000E+00-4.66800E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    42 0.00000E+00-2.33400E+00 0.00000E+00-2.33400E+00 0.00000E+00 0.00000E+00
    46 0.00000E+00-2.53650E+00 0.00000E+00 2.33400E+00 0.00000E+00-1.09875E-08
    47 0.00000E+00-4.66800E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    48 0.00000E+00-4.66800E+00 0.00000E+00 7.03201E-07 0.00000E+00 0.00000E+00
    49 0.00000E+00-4.66800E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    50 0.00000E+00-2.33400E+00 0.00000E+00-2.33400E+00 0.00000E+00 0.00000E+00
    51 0.00000E+00-2.53650E+00 0.00000E+00 2.33400E+00 0.00000E+00 3.02157E-08
    52 0.00000E+00-4.66800E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    53 0.00000E+00-4.66800E+00 0.00000E+00 7.03201E-07 0.00000E+00 0.00000E+00
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
54	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	-4.66800E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
59	0.00000E+00	-4.66800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
60	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
61	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	-3.02157E-08
63	0.00000E+00	-4.66800E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
64	0.00000E+00	-4.66800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
65	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
67	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	-4.66800E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
69	0.00000E+00	-4.66800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
70	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
71	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
72	0.00000E+00	-3.50100E+00	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00
73	0.00000E+00	-2.33400E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
74	0.00000E+00	-3.50100E+00	0.00000E+00	1.16700E+00	0.00000E+00	0.00000E+00
80	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	5.21907E-08
86	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	-2.33400E+00	0.00000E+00	2.33400E+00	0.00000E+00	0.00000E+00
88	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	-5.21907E-08
90	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	-2.33400E+00	0.00000E+00	2.33400E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	0.00000E+00
99	0.00000E+00	-3.50100E+00	0.00000E+00	-1.16700E+00	0.00000E+00	0.00000E+00
100	0.00000E+00	-2.33400E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
101	0.00000E+00	-3.50100E+00	0.00000E+00	1.16700E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	5.21907E-08
104	0.00000E+00	-4.66800E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
105	0.00000E+00	-4.66800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
106	0.00000E+00	-4.66800E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
108	0.00000E+00	-8.73000E-01	0.00000E+00	8.73000E-01	0.00000E+00	0.00000E+00
109	0.00000E+00	-8.73000E-01	0.00000E+00	-8.73000E-01	0.00000E+00	0.00000E+00
110	0.00000E+00	-2.53650E+00	0.00000E+00	2.33400E+00	0.00000E+00	-1.01635E-07
111	0.00000E+00	-4.66800E+00	0.00000E+00	1.75800E-07	0.00000E+00	0.00000E+00
112	0.00000E+00	-4.66800E+00	0.00000E+00	7.03201E-07	0.00000E+00	0.00000E+00
113	0.00000E+00	-2.33400E+00	0.00000E+00	-2.33400E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	-1.57200E+00	0.00000E+00	1.47075E+00	0.00000E+00	3.37501E-02
121	0.00000E+00	-2.94150E+00	0.00000E+00	8.79001E-08	0.00000E+00	0.00000E+00
122	0.00000E+00	-2.94150E+00	0.00000E+00	3.51601E-07	0.00000E+00	0.00000E+00
123	0.00000E+00	-1.47075E+00	0.00000E+00	-1.47075E+00	0.00000E+00	0.00000E+00
124	0.00000E+00	-2.33400E+00	0.00000E+00	1.36150E+00	0.00000E+00	0.00000E+00
125	0.00000E+00	-2.33400E+00	0.00000E+00	1.36150E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	-2.33400E+00	0.00000E+00	-8.94700E-01	0.00000E+00	0.00000E+00

STAAD SPACE   -- PAGE NO.   36

APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X   FORCE-Y   FORCE-Z   MOM-X   MOM-Y   MOM-Z
  127 0.00000E+00-2.33400E+00 0.00000E+00-8.94700E-01 0.00000E+00 0.00000E+00

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

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

                       X = 0.142822653E+02
                       Y = 0.389999989E+01
                       Z = 0.118943895E+02

   ***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING   2)
      SUMMATION FORCE-X =   0.00
      SUMMATION FORCE-Y =   -247.09
      SUMMATION FORCE-Z =   0.00

      SUMMATION OF MOMENTS AROUND THE ORIGIN-
      MX=   2939.01 MY=   0.00 MZ=   -3529.03

   ***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING   2)
      SUMMATION FORCE-X =   -0.00
      SUMMATION FORCE-Y =   247.09
      SUMMATION FORCE-Z =   -0.00

      SUMMATION OF MOMENTS AROUND THE ORIGIN-
      MX=   -2939.01 MY=   0.00 MZ=   3529.03

   MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING   2)
            MAXIMUMS   AT NODE
     X = -8.77149E-02   73
     Y = -1.69578E+00   59
     Z = -6.78834E-03   42
     RX= -3.28180E-03   61
     RY= -5.93070E-05   127
     RZ= 3.87335E-03   69

   EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

   JT   EXT FX/   EXT FY/   EXT FZ/   EXT MX/   EXT MY/   EXT MZ/
          INT FX   INT FY   INT FZ   INT MX   INT MY   INT MZ

                                                              SUPPORT=1
    1   0.00   0.00   0.00   0.00   0.00   0.00
            0.01   -1.94   -0.26   -0.31   0.00   -0.00   111111

    2   0.00   0.00   0.00   0.00   0.00   0.00
           -0.13   -4.37   -0.02   -0.02   -0.00   0.15   111111

    3   0.00   0.00   0.00   0.00   0.00   0.00
           -1.26   -6.06   -0.01   -0.01   0.00   2.17   111111

4	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.51	-5.88	-0.06	-0.10	0.00	0.68	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.03	-2.05	0.31	0.33	0.00	-0.01	111111
32	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.26	-8.82	-0.27	-0.35	0.00	1.63	111111
33	0.00	0.00	0.00	0.00	0.00	0.00	
	-4.74	-21.01	-0.13	-0.17	-0.00	5.51	111111
34	0.00	0.00	0.00	0.00	0.00	0.00	
	-4.93	-24.28	-0.00	-0.02	0.00	6.47	111111
35	0.00	0.00	0.00	0.00	0.00	0.00	
	-4.17	-25.04	-0.06	-0.10	0.00	4.92	111111
36	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.95	-10.11	0.51	0.51	0.00	1.17	111111
75	0.00	0.00	0.00	0.00	0.00	0.00	
	1.08	-11.41	-0.58	-0.64	-0.00	-1.35	111111
76	0.00	0.00	0.00	0.00	0.00	0.00	
	4.87	-20.31	0.15	0.20	-0.00	-5.45	111111
77	0.00	0.00	0.00	0.00	0.00	0.00	
	6.41	-12.99	-0.00	-0.00	-0.00	-6.44	111111
78	0.00	0.00	0.00	0.00	0.00	0.00	
	4.77	-19.98	-0.15	-0.20	0.00	-5.26	111111
79	0.00	0.00	0.00	0.00	0.00	0.00	
	1.01	-10.41	0.58	0.64	0.00	-1.31	111111
93	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.27	-6.34	-0.54	-0.56	0.00	0.38	111111
94	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.69	-9.81	0.17	0.23	0.00	2.16	111111
95	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.70	-6.75	0.01	0.02	-0.00	2.00	111111
96	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.92	-9.45	-0.23	-0.24	-0.00	1.28	111111
97	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.09	-5.33	0.57	0.67	0.00	0.09	111111
114	0.00	0.00	0.00	0.00	0.00	0.00	
	0.01	-1.03	-0.00	-0.01	0.00	-0.04	111111
116	0.00	0.00	0.00	0.00	0.00	0.00	
	0.43	-3.28	-0.33	-0.37	-0.00	-0.51	111111
117	0.00	0.00	0.00	0.00	0.00	0.00	
	1.58	-7.98	0.03	0.04	0.00	-1.60	111111
118	0.00	0.00	0.00	0.00	0.00	0.00	
	1.68	-7.98	-0.03	-0.04	-0.00	-1.88	111111
119	0.00	0.00	0.00	0.00	0.00	0.00	
	0.80	-4.49	0.33	0.38	-0.00	-0.91	111111

FOR LOADING -   3

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
6	0.00000E+00	-1.57500E-01	0.00000E+00	1.57500E-01	0.00000E+00	0.00000E+00
7	0.00000E+00	-3.67500E-01	0.00000E+00	5.25000E-02	0.00000E+00	0.00000E+00
8	0.00000E+00	-4.20000E-01	0.00000E+00	4.39501E-08	0.00000E+00	0.00000E+00
9	0.00000E+00	-4.20000E-01	0.00000E+00	-2.19750E-08	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
11	0.00000E+00	-3.15000E-01	0.00000E+00	3.15000E-01	0.00000E+00	0.00000E+00
12	0.00000E+00	-3.15000E-01	0.00000E+00	-3.15000E-01	0.00000E+00	0.00000E+00
13	0.00000E+00	-2.90500E-01	0.00000E+00	2.00929E-01	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
6	0.00000E+00	-1.57500E-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
    16 0.00000E+00-2.17000E-01 0.00000E+00-2.17000E-02 0.00000E+00 0.00000E+00
    19 0.00000E+00-7.52500E-01 0.00000E+00 1.56771E-01 0.00000E+00 0.00000E+00
    20 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    21 0.00000E+00-1.18125E-01 0.00000E+00 8.85937E-02 0.00000E+00 0.00000E+00
    22 0.00000E+00-1.57500E-01 0.00000E+00-7.87500E-02 0.00000E+00 0.00000E+00
    23 0.00000E+00-3.93750E-02 0.00000E+00-9.84375E-03 0.00000E+00 0.00000E+00
    24 0.00000E+00-2.90500E-01 0.00000E+00 2.00929E-01 0.00000E+00 0.00000E+00
    27 0.00000E+00-2.17000E-01 0.00000E+00-2.17000E-02 0.00000E+00 0.00000E+00
    30 0.00000E+00-7.52500E-01 0.00000E+00 1.56771E-01 0.00000E+00 0.00000E+00
    31 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    37 0.00000E+00-1.57500E-01 0.00000E+00 1.18125E-01 0.00000E+00 0.00000E+00
    38 0.00000E+00-2.10000E-01 0.00000E+00-1.05000E-01 0.00000E+00 0.00000E+00
    39 0.00000E+00-4.72500E-01 0.00000E+00 4.06875E-01 0.00000E+00 0.00000E+00
    40 0.00000E+00-8.40000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
    41 0.00000E+00-8.40000E-01 0.00000E+00-4.39501E-08 0.00000E+00 0.00000E+00
    42 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    46 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-01 0.00000E+00 0.00000E+00
    47 0.00000E+00-8.40000E-01 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    48 0.00000E+00-8.40000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
    49 0.00000E+00-8.40000E-01 0.00000E+00-4.39501E-08 0.00000E+00 0.00000E+00
    50 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    51 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-01 0.00000E+00 0.00000E+00
    52 0.00000E+00-8.40000E-01 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    53 0.00000E+00-8.40000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
    54 0.00000E+00-8.40000E-01 0.00000E+00-4.39501E-08 0.00000E+00 0.00000E+00
    55 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-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+00-8.40000E-01 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    59 0.00000E+00-8.40000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
    60 0.00000E+00-8.40000E-01 0.00000E+00-4.39501E-08 0.00000E+00 0.00000E+00
    61 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    62 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-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
    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 8.79001E-08 0.00000E+00 0.00000E+00
    70 0.00000E+00-8.40000E-01 0.00000E+00-4.39501E-08 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+00-6.30000E-01 0.00000E+00-2.10000E-01 0.00000E+00 0.00000E+00
    73 0.00000E+00-4.20000E-01 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    74 0.00000E+00-6.30000E-01 0.00000E+00 2.10000E-01 0.00000E+00 0.00000E+00
    80 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+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    87 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-01 0.00000E+00 0.00000E+00
    88 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    89 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-01 0.00000E+00 0.00000E+00
    90 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    91 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-01 0.00000E+00 0.00000E+00
```

STAAD SPACE   -- PAGE NO.   39

APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X   FORCE-Y   FORCE-Z   MOM-X   MOM-Y   MOM-Z
    92 0.00000E+00-4.20000E-01 0.00000E+00-4.20000E-01 0.00000E+00 0.00000E+00
    98 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-01 0.00000E+00 0.00000E+00
    99 0.00000E+00-6.30000E-01 0.00000E+00-2.10000E-01 0.00000E+00 0.00000E+00
   100 0.00000E+00-4.20000E-01 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   101 0.00000E+00-6.30000E-01 0.00000E+00 2.10000E-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 4.39501E-08 0.00000E+00 0.00000E+00
   105 0.00000E+00-8.40000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   106 0.00000E+00-8.40000E-01 0.00000E+00-4.39501E-08 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+00-1.57500E-01 0.00000E+00 1.57500E-01 0.00000E+00 0.00000E+00
   109 0.00000E+00-1.57500E-01 0.00000E+00-1.57500E-01 0.00000E+00 0.00000E+00
   110 0.00000E+00-4.20000E-01 0.00000E+00 4.20000E-01 0.00000E+00 0.00000E+00
   111 0.00000E+00-8.40000E-01 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   112 0.00000E+00-8.40000E-01 0.00000E+00 8.79001E-08 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
   120 0.00000E+00-2.10000E-01 0.00000E+00 2.10000E-01 0.00000E+00 0.00000E+00
   121 0.00000E+00-4.20000E-01 0.00000E+00 2.19750E-08 0.00000E+00 0.00000E+00
   122 0.00000E+00-4.20000E-01 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
   123 0.00000E+00-2.10000E-01 0.00000E+00-2.10000E-01 0.00000E+00 0.00000E+00
   124 0.00000E+00-4.20000E-01 0.00000E+00 2.45000E-01 0.00000E+00 0.00000E+00
   125 0.00000E+00-4.20000E-01 0.00000E+00 2.45000E-01 0.00000E+00 0.00000E+00
   126 0.00000E+00-4.20000E-01 0.00000E+00-1.61000E-01 0.00000E+00 0.00000E+00
   127 0.00000E+00-4.20000E-01 0.00000E+00-1.61000E-01 0.00000E+00 0.00000E+00

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

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

                    X = 0.142980535E+02
                    Y = 0.389999989E+01
                    Z = 0.120656934E+02

   ***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING   3)
      SUMMATION FORCE-X =   0.00
      SUMMATION FORCE-Y =   -43.16
      SUMMATION FORCE-Z =   0.00

     SUMMATION OF MOMENTS AROUND THE ORIGIN-
     MX=   520.69 MY=   0.00 MZ=   -617.03

   ***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING   3)
      SUMMATION FORCE-X =   -0.00
      SUMMATION FORCE-Y =   43.16
      SUMMATION FORCE-Z =   -0.00

STAAD SPACE   -- PAGE NO.   40

     SUMMATION OF MOMENTS AROUND THE ORIGIN-
    MX=   -520.69 MY=   0.00 MZ=   617.03

    MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING   3)
            MAXIMUMS   AT NODE
      X = -1.58027E-02   73
      Y = -3.05733E-01   59
      Z = -1.20724E-03   42
      RX= 5.94279E-04   56
      RY= -1.07161E-05   127
      RZ= 6.98296E-04   69

    EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (MTON METE)-

    JT   EXT FX/   EXT FY/   EXT FZ/   EXT MX/   EXT MY/   EXT MZ/
            INT FX   INT FY   INT FZ   INT MX   INT MY   INT MZ

                                                                        SUPPORT=1
     1   0.00   0.00   0.00   0.00   0.00   0.00
             0.01   -0.27   -0.04   -0.04   0.00   -0.00 111111

     2   0.00   0.00   0.00   0.00   0.00   0.00
            -0.02   -0.67   -0.00   -0.01   -0.00   0.03 111111

     3   0.00   0.00   0.00   0.00   0.00   0.00
            -0.23   -0.98   -0.00   -0.00   0.00   0.39 111111

     4   0.00   0.00   0.00   0.00   0.00   0.00
            -0.09   -0.94   -0.01   -0.02   0.00   0.12 111111

     5   0.00   0.00   0.00   0.00   0.00   0.00
            -0.00   -0.32   0.04   0.05   0.00   -0.00 111111

    32   0.00   0.00   0.00   0.00   0.00   0.00
            -0.21   -1.41   -0.05   -0.06   0.00   0.27 111111

    33   0.00   0.00   0.00   0.00   0.00   0.00
            -0.85   -3.77   -0.02   -0.03   -0.00   0.99 111111

    34   0.00   0.00   0.00   0.00   0.00   0.00
            -0.89   -4.37   -0.00   -0.00   0.00   1.17 111111

    35   0.00   0.00   0.00   0.00   0.00   0.00
            -0.75   -4.51   -0.01   -0.02   0.00   0.89 111111

    36   0.00   0.00   0.00   0.00   0.00   0.00
            -0.17   -1.82   0.09   0.09   0.00   0.21 111111

    75   0.00   0.00   0.00   0.00   0.00   0.00
             0.18   -1.88   -0.10   -0.12   -0.00   -0.22 111111

    76   0.00   0.00   0.00   0.00   0.00   0.00
             0.87   -3.65   0.03   0.04   -0.00   -0.98 111111

    77   0.00   0.00   0.00   0.00   0.00   0.00
             1.16   -2.34   0.00   0.00   -0.00   -1.16 111111

    78   0.00   0.00   0.00   0.00   0.00   0.00
             0.86   -3.60   -0.03   -0.04   0.00   -0.95 111111

    79   0.00   0.00   0.00   0.00   0.00   0.00
             0.18   -1.87   0.10   0.12   0.00   -0.24 111111

93	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.04	-1.04	-0.10	-0.10	0.00	0.06	111111
94	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.30	-1.76	0.03	0.04	0.00	0.39	111111
95	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.31	-1.22	0.00	0.00	-0.00	0.36	111111

```
   96      0.00      0.00      0.00      0.00      0.00      0.00
          -0.17     -1.70     -0.04     -0.04     -0.00      0.23  111111

   97      0.00      0.00      0.00      0.00      0.00      0.00
          -0.02     -0.96      0.10      0.12      0.00      0.02  111111

  114      0.00      0.00      0.00      0.00      0.00      0.00
           0.00     -0.19     -0.00     -0.00      0.00     -0.01  111111

  116      0.00      0.00      0.00      0.00      0.00      0.00
           0.07     -0.49     -0.05     -0.05     -0.00     -0.08  111111

  117      0.00      0.00      0.00      0.00      0.00      0.00
           0.28     -1.32      0.00      0.01      0.00     -0.29  111111

  118      0.00      0.00      0.00      0.00      0.00      0.00
           0.30     -1.32     -0.00     -0.00     -0.00     -0.34  111111

  119      0.00      0.00      0.00      0.00      0.00      0.00
           0.14     -0.76      0.05      0.05     -0.00     -0.16  111111
```

FOR LOADING -   4
APPLIED JOINT EQUIVALENT LOADS

```
 JOINT   FORCE-X      FORCE-Y      FORCE-Z       MOM-X       MOM-Y       MOM-Z
     6 0.00000E+00-2.25000E-01 0.00000E+00 2.25000E-01 0.00000E+00 0.00000E+00
     7 0.00000E+00-5.25000E-01 0.00000E+00 7.50000E-02 0.00000E+00 0.00000E+00
     8 0.00000E+00-6.00000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
     9 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00 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
    11 0.00000E+00-4.50000E-01 0.00000E+00 4.50000E-01 0.00000E+00 0.00000E+00
    12 0.00000E+00-4.50000E-01 0.00000E+00-4.50000E-01 0.00000E+00 0.00000E+00
    13 0.00000E+00-4.15000E-01 0.00000E+00 2.87042E-01 0.00000E+00 0.00000E+00
    16 0.00000E+00-3.10000E-01 0.00000E+00-3.10000E-02 0.00000E+00 0.00000E+00
    19 0.00000E+00-1.07500E+00 0.00000E+00 2.23958E-01 0.00000E+00 0.00000E+00
    20 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    21 0.00000E+00-1.68750E-01 0.00000E+00 1.26563E-01 0.00000E+00 0.00000E+00
    22 0.00000E+00-2.25000E-01 0.00000E+00-1.12500E-01 0.00000E+00 0.00000E+00
    23 0.00000E+00-5.62500E-02 0.00000E+00-1.40625E-02 0.00000E+00 0.00000E+00
    24 0.00000E+00-4.15000E-01 0.00000E+00 2.87042E-01 0.00000E+00 0.00000E+00
    27 0.00000E+00-3.10000E-01 0.00000E+00-3.10000E-02 0.00000E+00 0.00000E+00
    30 0.00000E+00-1.07500E+00 0.00000E+00 2.23958E-01 0.00000E+00 0.00000E+00
    31 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    37 0.00000E+00-2.25000E-01 0.00000E+00 1.68750E-01 0.00000E+00 0.00000E+00
    38 0.00000E+00-3.00000E-01 0.00000E+00-1.50000E-01 0.00000E+00 0.00000E+00
    39 0.00000E+00-6.75000E-01 0.00000E+00 5.81250E-01 0.00000E+00 0.00000E+00
    40 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    41 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    42 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    46 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
    47 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    48 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    49 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    50 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    51 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
    52 0.00000E+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    53 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    54 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
    55 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-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+00-1.20000E+00 0.00000E+00 4.39501E-08 0.00000E+00 0.00000E+00
    59 0.00000E+00-1.20000E+00 0.00000E+00 1.75800E-07 0.00000E+00 0.00000E+00
    60 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
    61 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    62 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-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 1.75800E-07 0.00000E+00 0.00000E+00
    70 0.00000E+00-1.20000E+00 0.00000E+00 0.00000E+00 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+00-9.00000E-01 0.00000E+00-3.00000E-01 0.00000E+00 0.00000E+00
    73 0.00000E+00-6.00000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
    74 0.00000E+00-9.00000E-01 0.00000E+00 3.00000E-01 0.00000E+00 0.00000E+00
    80 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-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+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    87 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
    88 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    89 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
    90 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    91 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
    92 0.00000E+00-6.00000E-01 0.00000E+00-6.00000E-01 0.00000E+00 0.00000E+00
    98 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 0.00000E+00 0.00000E+00
    99 0.00000E+00-9.00000E-01 0.00000E+00-3.00000E-01 0.00000E+00 0.00000E+00
   100 0.00000E+00-6.00000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   101 0.00000E+00-9.00000E-01 0.00000E+00 3.00000E-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 4.39501E-08 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+00-1.20000E+00 0.00000E+00 0.00000E+00 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+00-2.25000E-01 0.00000E+00 2.25000E-01 0.00000E+00 0.00000E+00
   109 0.00000E+00-2.25000E-01 0.00000E+00-2.25000E-01 0.00000E+00 0.00000E+00
   110 0.00000E+00-6.00000E-01 0.00000E+00 6.00000E-01 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+00-1.20000E+00 0.00000E+00 1.75800E-07 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
   120 0.00000E+00-3.00000E-01 0.00000E+00 3.00000E-01 0.00000E+00 0.00000E+00
   121 0.00000E+00-6.00000E-01 0.00000E+00 2.19750E-08 0.00000E+00 0.00000E+00
   122 0.00000E+00-6.00000E-01 0.00000E+00 8.79001E-08 0.00000E+00 0.00000E+00
   123 0.00000E+00-3.00000E-01 0.00000E+00-3.00000E-01 0.00000E+00 0.00000E+00
   124 0.00000E+00-6.00000E-01 0.00000E+00 3.50000E-01 0.00000E+00 0.00000E+00
   125 0.00000E+00-6.00000E-01 0.00000E+00 3.50000E-01 0.00000E+00 0.00000E+00
   126 0.00000E+00-6.00000E-01 0.00000E+00-2.30000E-01 0.00000E+00 0.00000E+00
   127 0.00000E+00-6.00000E-01 0.00000E+00-2.30000E-01 0.00000E+00 0.00000E+00
```

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

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

                    X =  0.142980535E+02
                    Y =  0.389999989E+01
                    Z =  0.120656933E+02
```

```
***TOTAL APPLIED LOAD ( MTON METE ) SUMMARY (LOADING    4 )
    SUMMATION FORCE-X =           0.00
    SUMMATION FORCE-Y =         -61.65
    SUMMATION FORCE-Z =           0.00

   SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=        743.85  MY=          0.00  MZ=        -881.47


***TOTAL REACTION LOAD( MTON METE ) SUMMARY (LOADING    4 )
    SUMMATION FORCE-X =          -0.00
    SUMMATION FORCE-Y =          61.65
    SUMMATION FORCE-Z =           0.00

   SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=       -743.85  MY=          0.00  MZ=         881.47


   MAXIMUM DISPLACEMENTS (  CM  /RADIANS) (LOADING     4)
           MAXIMUMS     AT NODE
    X = -2.25754E-02       73
    Y = -4.36761E-01       59
    Z = -1.72462E-03       42
    RX=  8.48970E-04       56
    RY= -1.53088E-05      127
    RZ=  9.97566E-04       69



   EXTERNAL AND INTERNAL JOINT LOAD SUMMARY ( MTON METE )-

   JT     EXT FX/    EXT FY/    EXT FZ/    EXT MX/    EXT MY/    EXT MZ/
          INT FX     INT FY     INT FZ     INT MX     INT MY     INT MZ


                                                            SUPPORT=1
    1      0.00       0.00       0.00       0.00       0.00       0.00
           0.01      -0.38      -0.05      -0.06       0.00      -0.01  111111

    2      0.00       0.00       0.00       0.00       0.00       0.00
          -0.03      -0.96      -0.01      -0.01      -0.00       0.04  111111

    3      0.00       0.00       0.00       0.00       0.00       0.00
          -0.32      -1.40      -0.00      -0.00       0.00       0.56  111111

    4      0.00       0.00       0.00       0.00       0.00       0.00
          -0.13      -1.35      -0.01      -0.02       0.00       0.18  111111

    5      0.00       0.00       0.00       0.00       0.00       0.00
          -0.01      -0.46       0.06       0.06       0.00      -0.00  111111

   32      0.00       0.00       0.00       0.00       0.00       0.00
          -0.30      -2.01      -0.07      -0.09       0.00       0.39  111111

   33      0.00       0.00       0.00       0.00       0.00       0.00
          -1.21      -5.39      -0.03      -0.05      -0.00       1.41  111111
```

```
   STAAD SPACE                                              -- PAGE NO.   44

 34     0.00      0.00      0.00      0.00      0.00      0.00
       -1.27     -6.25     -0.00     -0.01      0.00      1.67  111111

 35     0.00      0.00      0.00      0.00      0.00      0.00
       -1.07     -6.44     -0.02     -0.03      0.00      1.27  111111

 36     0.00      0.00      0.00      0.00      0.00      0.00
       -0.24     -2.60      0.13      0.13      0.00      0.30  111111

 75     0.00      0.00      0.00      0.00      0.00      0.00
        0.25     -2.68     -0.15     -0.17     -0.00     -0.32  111111

 76     0.00      0.00      0.00      0.00      0.00      0.00
        1.25     -5.21      0.04      0.05     -0.00     -1.40  111111

 77     0.00      0.00      0.00      0.00      0.00      0.00
        1.65     -3.34      0.00      0.00     -0.00     -1.66  111111

 78     0.00      0.00      0.00      0.00      0.00      0.00
        1.23     -5.14     -0.04     -0.05      0.00     -1.35  111111

 79     0.00      0.00      0.00      0.00      0.00      0.00
        0.26     -2.68      0.15      0.17      0.00     -0.34  111111

 93     0.00      0.00      0.00      0.00      0.00      0.00
       -0.06     -1.49     -0.14     -0.15      0.00      0.09  111111

 94     0.00      0.00      0.00      0.00      0.00      0.00
       -0.43     -2.52      0.04      0.06      0.00      0.55  111111

 95     0.00      0.00      0.00      0.00      0.00      0.00
       -0.44     -1.74      0.00      0.01     -0.00      0.51  111111

 96     0.00      0.00      0.00      0.00      0.00      0.00
       -0.24     -2.43     -0.06     -0.06     -0.00      0.33  111111

 97     0.00      0.00      0.00      0.00      0.00      0.00
       -0.02     -1.37      0.15      0.17      0.00      0.02  111111

114     0.00      0.00      0.00      0.00      0.00      0.00
        0.00     -0.27     -0.00     -0.00      0.00     -0.01  111111

116     0.00      0.00      0.00      0.00      0.00      0.00
        0.10     -0.70     -0.07     -0.07     -0.00     -0.12  111111

117     0.00      0.00      0.00      0.00      0.00      0.00
        0.41     -1.89      0.01      0.01      0.00     -0.41  111111

118     0.00      0.00      0.00      0.00      0.00      0.00
        0.43     -1.89     -0.01     -0.01     -0.00     -0.48  111111

119     0.00      0.00      0.00      0.00      0.00      0.00
        0.21     -1.08      0.07      0.08     -0.00     -0.24  111111

FOR LOADING -      5
APPLIED JOINT EQUIVALENT LOADS
 JOINT   FORCE-X     FORCE-Y     FORCE-Z      MOM-X       MOM-Y       MOM-Z
    16 0.00000E+00-1.00750E+00 0.00000E+00-1.00750E-01 0.00000E+00 0.00000E+00
    27 0.00000E+00-1.00750E+00 0.00000E+00-1.00750E-01 0.00000E+00 0.00000E+00
   124 0.00000E+00-1.05625E+00 0.00000E+00-8.46355E-02 0.00000E+00 0.00000E+00
   125 0.00000E+00-1.05625E+00 0.00000E+00-8.46355E-02 0.00000E+00 0.00000E+00
   126 0.00000E+00-1.25125E+00 0.00000E+00 1.85385E-01 0.00000E+00 0.00000E+00
   127 0.00000E+00-1.25125E+00 0.00000E+00 1.85385E-01 0.00000E+00 0.00000E+00

        STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO.      5
        LOADTYPE NONE   TITLE EQUIPOS
```

STAAD SPACE   -- PAGE NO.   45

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

                    X = 0.299999999E+01
                    Y = 0.389999989E+01
                    Z = 0.117000001E+02

***TOTAL APPLIED LOAD (MTON METE) SUMMARY (LOADING   5)
    SUMMATION FORCE-X =   0.00
    SUMMATION FORCE-Y =   -6.63
    SUMMATION FORCE-Z =   0.00

    SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=   77.57 MY=   0.00 MZ=   -19.89

***TOTAL REACTION LOAD(MTON METE) SUMMARY (LOADING   5)
    SUMMATION FORCE-X =   0.00
    SUMMATION FORCE-Y =   6.63
    SUMMATION FORCE-Z =   -0.00

    SUMMATION OF MOMENTS AROUND THE ORIGIN-
   MX=   -77.57 MY=   -0.00 MZ=   19.89

  MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING   5)
         MAXIMUMS   AT NODE
   X = 1.16661E-02   8
   Y = -1.51265E-01   126
   Z = -1.91192E-04   127
   RX= 5.12044E-04   13
   RY= 1.10468E-05   126
   RZ= -3.76291E-04   8

  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
   2   0.00   0.00   0.00   0.00   0.00   0.00
         -0.08   -0.25   -0.00   -0.00   0.00   0.08   111111

   3   0.00   0.00   0.00   0.00   0.00   0.00
         -0.89   -2.79   0.00   0.00   -0.00   0.90   111111

   4   0.00   0.00   0.00   0.00   0.00   0.00
         -0.04   -0.15   0.01   0.01   -0.00   0.04   111111

  33   0.00   0.00   0.00   0.00   0.00   0.00
          0.10   -0.20   -0.01   -0.01   0.00   -0.13   111111

  34   0.00   0.00   0.00   0.00   0.00   0.00
          0.87   -3.30   -0.00   -0.00   -0.00   -1.12   111111

  35   0.00   0.00   0.00   0.00   0.00   0.00
          0.07   -0.11   0.00   0.00   -0.00   -0.09   111111

  LOAD COMBINATION NO.   8
  1.0(PP+CM+EQ+CVINST+SX+0.3SZ)

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

   LOAD COMBINATION NO.    9
   1.0(PP+CM+EQ+CVINST+SX-0.3SZ)

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

   LOAD COMBINATION NO.    10
   1.0(PP+CM+EQ+CVINST-SX+0.3SZ)

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

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

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

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

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

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

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

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

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

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

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

   LOAD COMBINATION NO.    16
   1.1(PP+CM+EQ+CVINST+SX+0.33SZ)

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

   LOAD COMBINATION NO.    17
   1.1(PP+CM+EQ+CVINST+SX-0.33SZ)
```

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

   LOAD COMBINATION NO.    18
   1.1(PP+CM+EQ+CVINST-SX+0.33SZ)

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

   LOAD COMBINATION NO.    19
   1.1(PP+CM+EQ+CVINST-SX-0.33SZ)

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

   LOAD COMBINATION NO.    20
   1.1(PP+CM+EQ+CVINST+0.33SX+SZ)

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

   LOAD COMBINATION NO.    21
   1.1(PP+CM+EQ+CVINST+0.33SX-SZ)

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

   LOAD COMBINATION NO.    22
   1.1(PP+CM+EQ+CVINST-0.33SX+SZ)

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

   LOAD COMBINATION NO.    23
   1.1(PP+CM+EQ+CVINST-0.33SX-SZ)

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

   LOAD COMBINATION NO.    24
   1.1(PP+CM+EQ+CVINST)

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

   LOAD COMBINATION NO.    25
   1.1(PP+CM+EQ+CVMAX)

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


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


   308. PARAMETER 1
```

```
309. CODE LRFD
310. FU 42184.4 ALL
311. FYLD 35150.7 ALL
312. KX 1 ALL
313. KY 1 ALL
314. KZ 1 ALL
315. 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	0.160	20
		5.05 C	1.11	10.01	0.00
2 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.172	23
		6.43 C	-5.16	-2.31	0.00
3 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.534	19
		7.09 C	-1.88	-38.01	0.00
4 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.345	19
		6.40 C	-10.99	-3.84	0.00
5 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.214	19
		1.76 C	-6.13	-4.02	0.00
6 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	20
		1.21 C	2.05	6.47	0.00
7 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.299	20
		1.45 C	1.90	3.77	0.00
8 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.331	23
		2.45 T	1.73	5.72	6.00
9 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.390	23
		1.03 T	1.95	7.10	6.00
10 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.248	20
		0.76 C	-2.16	-2.35	1.50
11 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.382	20
		0.83 C	3.61	1.97	0.00
12 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.580	16
		14.10 C	1.38	26.53	0.00
13 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.424	20
		1.88 C	-3.15	-7.27	2.00
14 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.281	20
		1.29 C	-2.42	-2.75	2.00
15 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.338	20
		1.09 C	0.39	-3.19	4.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
			FX	MY	MZ	LOCATION

===

16	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.365	20
			1.01 C	-3.13	-3.83	0.50
23	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.475	20
			0.32 C	0.81	4.05	0.00
24	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.215	23
			1.04 T	2.12	0.56	1.50
25	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.257	23
			0.14 C	-2.02	-3.83	0.00
26	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.297	20
			1.86 C	-1.11	-1.52	4.50
27	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.215	20
			1.64 C	-1.12	0.05	1.50
29	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.353	19
			0.85 T	-0.76	-17.45	0.00
31	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.293	23
			0.36 C	-1.82	-7.27	0.00
32	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.213	23
			1.19 T	1.83	2.12	2.00
33	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.293	23
			0.71 T	2.36	4.02	1.00
40	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.490	20
			1.01 C	0.83	4.08	0.00
41	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.512	23
			0.79 T	3.26	11.12	3.00
42	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.317	20
			1.16 C	-1.67	0.00	3.00
43	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.675	23
			1.43 T	3.77	19.28	2.00
44	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.858	23
			1.62 C	3.97	29.57	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER		TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

45	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.763	23
			0.00 T	3.72	25.27	2.00
46	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.585	23
			0.68 T	3.98	12.43	2.00
47	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.427	23
			10.08 C	-3.61	-25.60	0.00
48	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.652	23
			28.40 C	13.83	20.45	3.90
49	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.777	19
			37.03 C	4.00	50.36	3.90
50	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.688	23
			33.49 C	13.66	23.17	3.90
51	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.479	23
			11.62 C	-4.83	-27.03	0.00
52	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.805	20
			5.17 C	4.75	15.87	0.00
53	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.666	23
			4.09 T	4.98	11.30	1.50
54	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.698	23
			1.94 T	4.47	9.36	6.00
55	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.701	20
			1.36 C	4.45	9.35	0.00
56	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.930	23
			2.52 T	4.66	16.93	6.00
60	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.461	20
			3.58 C	7.22	15.64	0.00
61	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.472	20
			3.71 C	7.51	15.59	0.00
62	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.848	20
			7.22 C	10.85	38.37	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

```
=======================================================================


  63  ST   W18X86               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.916          20
                  12.68 C        10.30          46.54          0.00
  64  ST   W18X86               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.876          20
                   9.09 C        10.58          41.93          0.00
  65  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-T      0.789          23
                   0.42 T         2.78           3.42          6.00
  66  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.818          20
                   0.40 C         2.91           3.42          0.00
  67  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-T      0.810          23
                   0.28 T         2.87           3.47          6.00
  68  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.803          20
                   0.64 C         2.79           3.47          0.00
  69  ST   W18X86               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.423          20
                   4.42 C        -7.60         -10.47          2.00
  70  ST   W18X86               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.577          20
                   7.02 C        -8.62         -20.97          2.00
  71  ST   W18X86               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.564          20
                  11.42 C        -8.66         -19.11          2.00
  72  ST   W18X86               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.576          20
                   8.13 C        -8.67         -20.59          2.00
  73  ST   W18X86               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.415          20
                   4.31 C        -7.60          -9.74          2.00
  74  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.569          20
                   0.90 C        -1.86           2.67          6.00
  75  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-T      0.644          23
                   0.30 T         1.94           3.57          6.00
  76  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.638          20
                   0.19 C         1.90           3.57          0.00
  77  ST   W14X34               (AISC SECTIONS)
                     PASS     LRFD-H1-1B-C      0.580          20
                   0.75 C         1.88           2.79          0.00
```

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

```
=========================================================================


   78  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.485        20
                        4.99 C      -8.31        -13.58       2.00
   79  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.663        20
                        7.11 C      -8.72        -28.87       2.00
   80  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.676        20
                       10.17 C      -8.67        -30.00       2.00
   81  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.660        20
                        7.18 C      -8.73        -28.60       2.00
   82  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.473        20
                        4.65 C      -8.32        -12.43       2.00
   85  ST  W14X34                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-T      0.451        19
                        0.09 T       0.58         4.34        6.00
   86  ST  W14X34                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.425        16
                        0.05 C       0.43         4.34        0.00
   87  ST  W14X34                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.309        20
                        0.54 C       0.18        -3.39        4.00
   88  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.482        20
                        4.99 C       8.30        -13.27       0.00
   89  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.662        23
                        6.20 C      -8.71        -28.87       0.00
   90  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.673        23
                        8.86 C      -8.64        -30.00       0.00
   91  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.657        23
                        5.87 C      -8.67        -28.60       0.00
   92  ST  W18X86                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-C      0.471        20
                        4.47 C       8.33        -12.24       0.00
   93  ST  W14X34                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-T      0.594        23
                        0.87 T       1.85         3.14        6.00
   94  ST  W14X34                 (AISC SECTIONS)
                        PASS   LRFD-H1-1B-T      0.635        23
                        0.24 T       1.92         3.51        6.00
```

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

===

95	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.627	20
			0.10 C	1.87	3.51	0.00
96	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.598	20
			0.72 C	1.86	3.08	0.00
97	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.419	23
			0.72 T	-7.64	-10.25	0.00
98	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.591	23
			5.90 C	-8.68	-22.22	0.00
99	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.641	23
			7.63 C	-8.73	-26.69	0.00
100	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.598	23
			5.05 C	-8.66	-23.07	0.00
101	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.412	23
			1.22 T	-7.63	-9.60	0.00
102	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.824	23
			0.48 T	2.78	3.85	6.00
103	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.855	20
			0.64 C	2.91	3.85	0.00
104	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.838	23
			0.63 T	2.87	3.80	6.00
105	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.829	20
			0.54 C	2.80	3.80	0.00
106	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.825	23
			5.61 C	10.74	36.72	2.00
107	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.691	23
			6.38 C	8.96	30.70	2.00
108	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.826	23
			4.11 C	10.63	37.38	2.00
109	ST	W18X86		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.467	23
			0.16 C	7.26	16.46	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

110 ST	W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.463	23
		0.57 T	7.29	15.88	2.00
114 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.414	20
		20.79 C	3.23	24.40	0.00
115 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.615	20
		32.79 C	-12.50	-19.87	3.90
116 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.690	20
		19.72 C	-10.76	-30.70	3.90
117 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.649	20
		32.50 C	-11.61	-24.47	3.90
118 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.438	20
		19.89 C	5.03	22.62	0.00
119 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.898	20
		3.80 C	4.56	15.51	0.00
120 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.653	23
		0.24 T	4.61	7.32	6.00
121 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.656	20
		1.66 C	4.55	7.32	0.00
122 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.889	23
		2.20 T	4.65	15.52	6.00
123 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.462	20
		0.39 C	2.76	12.19	0.00
124 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.479	20
		0.74 C	1.97	18.02	0.00
125 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.512	20
		0.49 C	2.04	19.72	0.00
126 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.472	20
		0.37 C	2.82	12.42	0.00
127 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.402	25
		0.00 C	0.00	-5.08	3.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

128	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.402	25
			0.00 C	0.00	-5.08	3.00
129	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.130	20
			0.36 C	1.05	1.73	0.00
130	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.204	20
			0.94 C	1.23	5.27	0.00
131	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.226	20
			0.75 C	1.26	6.42	0.00
132	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.132	20
			0.46 C	1.08	1.64	0.00
133	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.402	25
			0.00 C	-0.00	-5.08	3.00
134	ST	W14X34		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.402	25
			0.00 T	-0.00	-5.08	3.00
135	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.180	23
			0.08 T	1.29	3.44	2.00
136	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.160	23
			1.15 T	1.09	3.34	2.00
137	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.222	23
			1.33 T	1.35	5.59	2.00
138	ST	W18X60		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-T	0.162	23
			0.83 T	0.95	4.30	2.00
139	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.165	23
			8.24 C	-1.80	-8.69	0.00
140	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.239	22
			15.75 C	-5.07	7.01	3.90
141	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.217	23
			10.17 C	4.49	6.99	3.90
142	ST	W14X90		(AISC SECTIONS)		
			PASS	LRFD-H1-1B-C	0.413	19
			13.67 C	13.96	2.34	3.90

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
===

143 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.236	19
		6.77 C	-6.55	-4.42	0.00
144 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.375	20
		1.19 C	1.63	7.51	0.00
145 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.273	20
		1.81 C	1.45	4.37	0.00
146 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.326	23
		1.59 T	1.58	6.11	6.00
147 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.377	20
		2.51 C	1.35	8.27	0.00
148 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.318	20
		1.20 C	2.50	4.62	0.00
149 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.466	20
		2.46 C	3.25	9.23	0.00
150 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.406	20
		2.55 C	2.99	6.99	0.00
151 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.465	20
		1.88 C	3.38	8.43	0.00
152 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.433	20
		0.18 C	1.68	3.27	0.00
153 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.450	20
		1.05 C	-0.72	3.84	6.00
154 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.446	20
		0.88 C	0.70	3.86	0.00
155 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.450	23
		0.45 T	0.74	3.93	6.00
156 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.452	20
		1.00 C	0.70	3.93	0.00
157 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.312	23
		0.13 C	-1.98	-7.59	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
==

158	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.390	20
		0.44 C	-1.71	-2.01	1.50
159	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.222	23
		0.20 T	-1.81	-2.90	0.00
160	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.279	23
		1.79 C	-1.68	-7.10	0.00
161	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.273	23
		2.34 C	-1.67	-6.72	0.00
162	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.222	20
		2.12 C	0.44	-1.45	4.50
163	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.284	20
		2.48 C	-1.72	-7.21	0.50
164	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.427	23
		0.19 T	0.74	3.66	6.00
165	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.447	23
		0.51 T	0.73	3.90	6.00
166	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.469	20
		1.14 C	0.78	3.91	0.00
167	ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.524	23
		0.38 T	-2.43	-2.01	0.00
168	ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.152	20
		2.28 C	1.73	8.27	0.00
169	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.273	23
		0.06 T	-2.17	-3.94	0.00
170	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	23
		1.58 C	2.98	7.55	2.00
171	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.410	23
		2.25 C	3.05	6.98	2.00
172	ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.352	23
		0.32 T	-2.44	-7.21	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION

===

173 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.169	20
		6.75 C	1.85	9.04	0.00
174 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.224	20
		12.53 C	-4.40	-7.55	3.90
175 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.212	20
		12.45 C	-4.18	-6.98	3.90
176 ST	W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.332	16
		9.36 C	10.92	2.70	0.00
177 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.358	20
		1.69 C	1.81	6.18	0.00
178 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.241	23
		0.29 C	1.44	3.57	6.00
179 ST	W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.357	23
		0.59 T	1.88	6.18	6.00
180 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.619	16
		1.29 C	2.40	4.74	0.00
181 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.639	16
		1.49 C	2.49	4.87	0.00
182 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.406	19
		0.54 T	0.93	4.18	4.75
183 ST	W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.411	19
		0.27 T	0.93	4.27	4.75
184 ST	W8X35		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.133	16
		0.36 C	1.09	0.00	0.00
185 ST	W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.382	16
		1.01 C	-2.34	-3.37	4.15
186 ST	W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.364	16
		1.04 C	-2.31	-2.93	4.15
187 ST	W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.460	19
		0.41 T	2.84	4.88	1.85

STAAD SPACE   -- PAGE NO.   60

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/	CRITICAL COND/	RATIO/	LOADING/
		FX	MY	MZ	LOCATION

==

```
   188  ST   W14X43                  (AISC SECTIONS)
                          PASS     LRFD-H1-1B-C      0.467         16
                        0.37 C         -2.99         4.53          1.85
   189  ST   W8X35                   (AISC SECTIONS)
                          PASS     LRFD-H1-1B-T      0.084         23
                        0.60 T          0.68         0.00          2.00
   191  ST   W14X34                  (AISC SECTIONS)
                          PASS     LRFD-H1-1B-C      0.308         22
                        0.67 C          0.07        -3.63          2.50
```

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

```
   316. PARAMETER 2
   317. CODE LRFD
   318. FIXED GROUP
   319. PARAMETER 3
   320. CODE LRFD
   321. STEEL MEMBER TAKE OFF ALL
```

STEEL TAKE-OFF

PROFILE	LENGTH(METE)	WEIGHT(MTON)
ST W14X90	97.50	13.058
ST W18X60	192.00	17.078
ST W14X34	235.70	11.912
ST W18X86	60.00	7.672
ST W8X35	4.00	0.208
ST W14X43	12.00	0.764

	TOTAL =	50.691

MEMBER	PROFILE	LENGTH (METE)	WEIGHT (MTON)
1	ST W14X90	3.90	0.522
2	ST W14X90	3.90	0.522
3	ST W14X90	3.90	0.522
4	ST W14X90	3.90	0.522
5	ST W14X90	3.90	0.522
6	ST W18X60	6.00	0.534
7	ST W18X60	6.00	0.534
8	ST W18X60	6.00	0.534
9	ST W18X60	6.00	0.534
10	ST W18X60	1.50	0.133
11	ST W18X60	1.50	0.133
12	ST W18X60	2.00	0.178
13	ST W18X60	2.00	0.178
14	ST W18X60	2.00	0.178
15	ST W14X34	6.00	0.303
16	ST W18X60	0.50	0.044
23	ST W14X34	6.00	0.303
24	ST W18X60	1.50	0.133
25	ST W18X60	1.00	0.089
26	ST W14X34	4.50	0.227
27	ST W14X34	1.50	0.076
29	ST W18X60	2.00	0.178
31	ST W18X60	2.00	0.178
32	ST W18X60	2.00	0.178
33	ST W18X60	1.00	0.089
40	ST W14X34	6.00	0.303
41	ST W18X60	3.00	0.267
42	ST W14X34	3.00	0.152
43	ST W18X60	2.00	0.178
44	ST W18X60	2.00	0.178
45	ST W18X60	2.00	0.178
46	ST W18X60	2.00	0.178
47	ST W14X90	3.90	0.522
48	ST W14X90	3.90	0.522
49	ST W14X90	3.90	0.522

50	ST	W14X90	3.90	0.522
51	ST	W14X90	3.90	0.522
52	ST	W18X60	4.50	0.400
53	ST	W18X60	1.50	0.133
54	ST	W18X60	6.00	0.534
55	ST	W18X60	6.00	0.534
56	ST	W18X60	6.00	0.534
60	ST	W18X86	2.00	0.256
61	ST	W18X86	2.00	0.256
62	ST	W18X86	2.00	0.256
63	ST	W18X86	2.00	0.256
64	ST	W18X86	2.00	0.256
65	ST	W14X34	6.00	0.303
66	ST	W14X34	6.00	0.303
67	ST	W14X34	6.00	0.303
68	ST	W14X34	6.00	0.303
69	ST	W18X86	2.00	0.256
70	ST	W18X86	2.00	0.256
71	ST	W18X86	2.00	0.256
72	ST	W18X86	2.00	0.256
73	ST	W18X86	2.00	0.256
74	ST	W14X34	6.00	0.303
75	ST	W14X34	6.00	0.303
76	ST	W14X34	6.00	0.303
77	ST	W14X34	6.00	0.303
78	ST	W18X86	2.00	0.256
79	ST	W18X86	2.00	0.256
80	ST	W18X86	2.00	0.256
81	ST	W18X86	2.00	0.256
82	ST	W18X86	2.00	0.256
85	ST	W14X34	6.00	0.303
86	ST	W14X34	6.00	0.303
87	ST	W14X34	6.00	0.303
88	ST	W18X86	2.00	0.256
89	ST	W18X86	2.00	0.256
90	ST	W18X86	2.00	0.256
91	ST	W18X86	2.00	0.256
92	ST	W18X86	2.00	0.256
93	ST	W14X34	6.00	0.303
94	ST	W14X34	6.00	0.303
95	ST	W14X34	6.00	0.303
96	ST	W14X34	6.00	0.303
97	ST	W18X86	2.00	0.256
98	ST	W18X86	2.00	0.256
99	ST	W18X86	2.00	0.256
100	ST	W18X86	2.00	0.256
101	ST	W18X86	2.00	0.256
102	ST	W14X34	6.00	0.303
103	ST	W14X34	6.00	0.303
104	ST	W14X34	6.00	0.303
105	ST	W14X34	6.00	0.303
106	ST	W18X86	2.00	0.256
107	ST	W18X86	2.00	0.256
108	ST	W18X86	2.00	0.256
109	ST	W18X86	2.00	0.256
110	ST	W18X86	2.00	0.256

```
114      ST   W14X90            3.90       0.522
115      ST   W14X90            3.90       0.522
116      ST   W14X90            3.90       0.522
117      ST   W14X90            3.90       0.522
118      ST   W14X90            3.90       0.522
119      ST   W18X60            6.00       0.534
120      ST   W18X60            6.00       0.534
121      ST   W18X60            6.00       0.534
122      ST   W18X60            6.00       0.534
123      ST   W18X60            2.00       0.178
124      ST   W18X60            2.00       0.178
125      ST   W18X60            2.00       0.178
126      ST   W18X60            2.00       0.178
127      ST   W14X34            6.00       0.303
128      ST   W14X34            6.00       0.303
129      ST   W18X60            2.00       0.178
130      ST   W18X60            2.00       0.178
131      ST   W18X60            2.00       0.178
132      ST   W18X60            2.00       0.178
133      ST   W14X34            6.00       0.303
134      ST   W14X34            6.00       0.303
135      ST   W18X60            2.00       0.178
136      ST   W18X60            2.00       0.178
137      ST   W18X60            2.00       0.178
138      ST   W18X60            2.00       0.178
139      ST   W14X90            3.90       0.522
140      ST   W14X90            3.90       0.522
141      ST   W14X90            3.90       0.522
142      ST   W14X90            3.90       0.522
143      ST   W14X90            3.90       0.522
144      ST   W18X60            6.00       0.534
145      ST   W18X60            6.00       0.534
146      ST   W18X60            6.00       0.534
147      ST   W18X60            6.00       0.534
148      ST   W18X60            2.00       0.178
149      ST   W18X60            2.00       0.178
150      ST   W18X60            2.00       0.178
151      ST   W18X60            2.00       0.178
152      ST   W14X34            2.00       0.101
153      ST   W14X34            6.00       0.303
154      ST   W14X34            6.00       0.303
155      ST   W14X34            6.00       0.303
156      ST   W14X34            6.00       0.303
157      ST   W18X60            1.50       0.133
158      ST   W14X34            1.50       0.076
159      ST   W18X60            2.00       0.178
160      ST   W18X60            2.00       0.178
161      ST   W18X60            2.00       0.178
162      ST   W14X34            6.00       0.303
163      ST   W18X60            0.50       0.044
164      ST   W14X34            6.00       0.303
165      ST   W14X34            6.00       0.303
166      ST   W14X34            6.00       0.303
167      ST   W14X34            1.20       0.061
168      ST   W14X90            3.90       0.522
169      ST   W18X60            2.00       0.178
```

```
   STAAD SPACE                                          -- PAGE NO.   64

   170      ST  W18X60            2.00       0.178
   171      ST  W18X60            2.00       0.178
   172      ST  W18X60            2.00       0.178
   173      ST  W14X90            3.90       0.522
   174      ST  W14X90            3.90       0.522
   175      ST  W14X90            3.90       0.522
   176      ST  W14X90            3.90       0.522
   177      ST  W18X60            6.00       0.534
   178      ST  W18X60            6.00       0.534
   179      ST  W18X60            6.00       0.534
   180      ST  W14X34            1.25       0.063
   181      ST  W14X34            1.25       0.063
   182      ST  W14X34            4.75       0.240
   183      ST  W14X34            4.75       0.240
   184      ST  W8X35             2.00       0.104
   185      ST  W14X43            4.15       0.264
   186      ST  W14X43            4.15       0.264
   187      ST  W14X43            1.85       0.118
   188      ST  W14X43            1.85       0.118
   189      ST  W8X35             2.00       0.104
   191      ST  W14X34            6.00       0.303
                                        ----------------
                               TOTAL =        50.691


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


   322. PARAMETER 4
   323. CODE LRFD
   324. STEEL TAKE OFF ALL
```

STEEL TAKE-OFF

PROFILE	LENGTH(METE)	WEIGHT(MTON)
ST W14X90	97.50	13.058
ST W18X60	192.00	17.078
ST W14X34	235.70	11.912
ST W18X86	60.00	7.672
ST W8X35	4.00	0.208
ST W14X43	12.00	0.764

	TOTAL =	50.691

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

325. PRINT SUPPORT REACTION LIST 1 TO 5 32 TO 36 75 TO 79 93 TO 97 114 116 TO 119

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
1	1	0.02	1.01	0.06	0.06	-0.00	-0.02
	2	-0.01	1.94	0.26	0.31	-0.00	0.00
	3	-0.01	0.27	0.04	0.04	-0.00	0.00
	4	-0.01	0.38	0.05	0.06	-0.00	0.01
	5	-0.00	-0.01	-0.00	-0.00	0.00	0.00
	6	0.33	0.26	0.30	0.74	0.00	0.70
	7	0.37	1.31	3.41	8.47	0.02	0.81
	8	0.44	3.86	1.67	3.69	0.01	0.93
	9	0.21	3.08	-0.37	-1.39	-0.00	0.45
	10	-0.22	3.34	1.08	2.21	0.00	-0.47
	11	-0.44	2.55	-0.96	-2.87	-0.01	-0.95
	12	0.47	4.59	3.85	9.10	0.02	1.01
	13	-0.28	1.98	-2.96	-7.84	-0.02	-0.61
	14	0.27	4.44	3.67	8.66	0.02	0.59
	15	-0.48	1.82	-3.14	-8.28	-0.02	-1.03
	16	0.48	4.25	1.84	4.06	0.01	1.03
	17	0.23	3.38	-0.41	-1.53	-0.00	0.49
	18	-0.24	3.67	1.19	2.44	0.00	-0.51
	19	-0.49	2.81	-1.06	-3.16	-0.01	-1.05
	20	0.52	5.05	4.23	10.01	0.02	1.11
	21	-0.31	2.17	-3.26	-8.62	-0.02	-0.67
	22	0.30	4.88	4.04	9.53	0.02	0.65
	23	-0.52	2.00	-3.46	-9.11	-0.02	-1.13
	24	-0.00	3.53	0.39	0.45	-0.00	-0.01
	25	-0.01	3.65	0.40	0.47	-0.00	-0.01
2	1	0.07	1.48	-0.01	-0.01	0.00	-0.07
	2	0.13	4.37	0.02	0.02	0.00	-0.15
	3	0.02	0.67	0.00	0.01	0.00	-0.03
	4	0.03	0.96	0.01	0.01	0.00	-0.04
	5	0.08	0.25	0.00	0.00	-0.00	-0.08
	6	1.68	0.37	0.20	0.40	0.00	4.33
	7	0.19	0.82	2.27	4.54	0.01	0.47
	8	2.04	7.39	0.90	1.79	0.00	4.13
	9	1.92	6.90	-0.46	-0.93	-0.00	3.85
	10	-1.33	6.66	0.50	0.99	0.00	-4.52
	11	-1.44	6.17	-0.86	-1.74	-0.00	-4.80
	12	1.00	7.71	2.34	4.69	0.01	1.43
	13	0.61	6.07	-2.19	-4.39	-0.01	0.50
	14	-0.01	7.49	2.22	4.45	0.01	-1.16
	15	-0.40	5.85	-2.31	-4.63	-0.01	-2.10
	16	2.24	8.13	0.99	1.97	0.01	4.55
	17	2.12	7.59	-0.51	-1.03	-0.00	4.24
	18	-1.46	7.33	0.55	1.09	0.00	-4.97
	19	-1.59	6.78	-0.95	-1.91	-0.01	-5.28
	20	1.10	8.48	2.58	5.16	0.01	1.58
	21	0.67	6.67	-2.41	-4.83	-0.01	0.55

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	22	-0.01	8.24	2.45	4.89	0.01	-1.28
	23	-0.44	6.43	-2.54	-5.10	-0.01	-2.31
	24	0.33	7.46	0.02	0.03	0.00	-0.36
	25	0.34	7.78	0.02	0.03	0.00	-0.38
3	1	0.17	1.55	-0.00	-0.00	-0.00	-0.27
	2	1.26	6.06	0.01	0.01	-0.00	-2.17
	3	0.23	0.98	0.00	0.00	-0.00	-0.39
	4	0.32	1.40	0.00	0.00	-0.00	-0.56
	5	0.89	2.79	-0.00	-0.00	0.00	-0.90
	6	12.41	4.82	0.18	0.37	0.00	30.60
	7	0.29	0.40	2.16	4.40	0.01	0.71
	8	15.04	16.32	0.84	1.71	0.00	27.07
	9	14.87	16.08	-0.46	-0.93	-0.00	26.64
	10	-9.78	6.68	0.47	0.96	0.00	-34.13
	11	-9.95	6.44	-0.83	-1.68	-0.00	-34.55
	12	6.56	13.23	2.22	4.53	0.01	6.15
	13	5.98	12.43	-2.10	-4.27	-0.01	4.73
	14	-0.89	10.34	2.11	4.30	0.01	-12.21
	15	-1.46	9.54	-2.21	-4.50	-0.01	-13.63
	16	16.55	17.96	0.92	1.88	0.01	29.78
	17	16.36	17.69	-0.51	-1.03	-0.00	29.31
	18	-10.75	7.35	0.52	1.06	0.00	-37.54
	19	-10.94	7.09	-0.91	-1.84	-0.01	-38.01
	20	7.21	14.55	2.45	4.98	0.01	6.76
	21	6.58	13.67	-2.31	-4.70	-0.01	5.20
	22	-0.98	11.37	2.33	4.73	0.01	-13.43
	23	-1.61	10.49	-2.43	-4.95	-0.01	-14.99
	24	2.80	12.52	0.01	0.02	-0.00	-4.11
	25	2.91	12.99	0.01	0.02	-0.00	-4.30
4	1	0.04	1.41	0.01	0.01	-0.00	-0.05
	2	0.51	5.88	0.06	0.10	-0.00	-0.68
	3	0.09	0.94	0.01	0.02	-0.00	-0.12
	4	0.13	1.35	0.01	0.02	-0.00	-0.18
	5	0.04	0.15	-0.01	-0.01	0.00	-0.04
	6	4.14	2.36	0.35	0.76	0.00	8.86
	7	0.37	0.69	4.34	9.49	0.01	0.79
	8	4.94	10.95	1.72	3.72	0.01	8.19
	9	4.71	10.53	-0.88	-1.97	-0.00	7.72
	10	-3.35	6.23	1.03	2.20	0.00	-9.52
	11	-3.58	5.82	-1.57	-3.49	-0.01	-9.99
	12	2.30	9.79	4.52	9.83	0.01	2.55
	13	1.55	8.40	-4.16	-9.15	-0.01	0.97
	14	-0.19	8.37	4.31	9.38	0.01	-2.77
	15	-0.94	6.98	-4.37	-9.60	-0.01	-4.35
	16	5.43	12.04	1.89	4.10	0.01	9.01
	17	5.18	11.59	-0.97	-2.17	-0.00	8.49

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	18	-3.69	6.86	1.13	2.42	0.00	-10.47
	19	-3.93	6.40	-1.73	-3.84	-0.01	-10.99
	20	2.53	10.76	4.97	10.82	0.01	2.80
	21	1.70	9.24	-4.58	-10.06	-0.01	1.07
	22	-0.21	9.21	4.74	10.31	0.01	-3.05
	23	-1.03	7.68	-4.81	-10.56	-0.01	-4.78
	24	0.75	9.22	0.08	0.13	-0.00	-0.99
	25	0.79	9.67	0.09	0.14	-0.00	-1.05
5	1	-0.01	0.93	-0.06	-0.07	0.00	0.01
	2	0.03	2.05	-0.31	-0.33	-0.00	0.01
	3	0.00	0.32	-0.04	-0.05	-0.00	0.00
	4	0.01	0.46	-0.06	-0.06	-0.00	0.00
	5	-0.01	-0.04	0.00	0.00	-0.00	0.01
	6	2.47	1.17	0.28	0.68	0.00	5.34
	7	0.41	1.63	3.50	8.48	0.02	0.89
	8	2.61	4.92	0.92	2.78	0.01	5.64
	9	2.36	3.94	-1.18	-2.30	-0.00	5.11
	10	-2.33	2.58	0.36	1.43	0.00	-5.04
	11	-2.58	1.60	-1.74	-3.66	-0.01	-5.58
	12	1.17	5.25	3.17	8.24	0.02	2.52
	13	0.34	1.98	-3.83	-8.71	-0.02	0.75
	14	-0.32	4.54	3.00	7.84	0.02	-0.68
	15	-1.14	1.28	-3.99	-9.12	-0.02	-2.46
	16	2.87	5.42	1.01	3.06	0.01	6.21
	17	2.60	4.34	-1.30	-2.53	-0.00	5.62
	18	-2.57	2.84	0.39	1.57	0.00	-5.55
	19	-2.84	1.76	-1.91	-4.02	-0.01	-6.13
	20	1.28	5.77	3.49	9.07	0.02	2.78
	21	0.38	2.18	-4.21	-9.58	-0.02	0.82
	22	-0.35	5.00	3.30	8.62	0.02	-0.75
	23	-1.25	1.41	-4.39	-10.03	-0.02	-2.70
	24	0.02	3.59	-0.45	-0.48	-0.00	0.04
	25	0.02	3.74	-0.47	-0.50	-0.00	0.04
32	1	0.21	2.48	0.07	0.07	-0.00	-0.26
	2	1.26	8.82	0.27	0.35	-0.00	-1.63
	3	0.21	1.41	0.05	0.06	-0.00	-0.27
	4	0.30	2.01	0.07	0.09	-0.00	-0.39
	5	0.00	0.01	-0.00	0.00	0.00	-0.00
	6	0.34	0.28	0.34	0.86	0.00	0.72
	7	0.44	3.47	9.44	23.50	0.03	0.90
	8	2.16	14.05	3.56	8.39	0.01	-1.17
	9	1.89	11.96	-2.10	-5.71	-0.01	-1.71
	10	1.47	13.49	2.87	6.67	0.01	-2.62
	11	1.21	11.40	-2.79	-7.42	-0.01	-3.16
	12	2.23	16.28	9.93	24.24	0.03	-1.05
	13	1.34	9.34	-8.95	-22.76	-0.03	-2.85

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	14	2.02	16.11	9.72	23.72	0.03	-1.48
	15	1.14	9.17	-9.16	-23.27	-0.03	-3.28
	16	2.38	15.45	3.92	9.23	0.01	-1.29
	17	2.08	13.16	-2.31	-6.28	-0.01	-1.88
	18	1.62	14.83	3.16	7.34	0.01	-2.88
	19	1.33	12.54	-3.07	-8.17	-0.01	-3.47
	20	2.45	17.91	10.92	26.66	0.04	-1.15
	21	1.48	10.27	-9.84	-25.03	-0.04	-3.13
	22	2.23	17.73	10.69	26.09	0.04	-1.63
	23	1.25	10.08	-10.07	-25.60	-0.04	-3.61
	24	1.85	14.00	0.42	0.53	-0.00	-2.38
	25	1.95	14.66	0.45	0.56	-0.00	-2.51
33	1	0.50	3.57	-0.01	-0.02	0.00	-0.58
	2	4.74	21.01	0.13	0.17	0.00	-5.51
	3	0.85	3.77	0.02	0.03	0.00	-0.99
	4	1.21	5.39	0.03	0.05	0.00	-1.41
	5	-0.10	0.20	0.01	0.01	-0.00	0.13
	6	3.07	0.91	0.23	0.47	0.00	5.93
	7	0.22	1.95	6.36	12.71	0.03	0.49
	8	9.13	30.05	2.28	4.48	0.01	-0.88
	9	9.00	28.88	-1.53	-3.15	-0.01	-1.17
	10	2.99	28.24	1.81	3.54	0.01	-12.73
	11	2.86	27.07	-2.00	-4.08	-0.01	-13.02
	12	7.13	30.78	6.57	13.05	0.03	-4.68
	13	6.70	26.89	-6.15	-12.37	-0.03	-5.66
	14	5.29	30.23	6.43	12.77	0.03	-8.23
	15	4.86	26.34	-6.29	-12.65	-0.03	-9.22
	16	10.04	33.06	2.51	4.92	0.01	-0.96
	17	9.89	31.77	-1.69	-3.46	-0.01	-1.29
	18	3.29	31.06	2.00	3.90	0.01	-14.00
	19	3.15	29.78	-2.20	-4.49	-0.01	-14.32
	20	7.84	33.86	7.22	14.35	0.03	-5.15
	21	7.37	29.57	-6.76	-13.61	-0.03	-6.23
	22	5.82	33.26	7.07	14.04	0.03	-9.06
	23	5.34	28.98	-6.91	-13.91	-0.03	-10.14
	24	6.59	31.42	0.16	0.22	0.00	-7.64
	25	6.99	33.19	0.17	0.23	0.00	-8.11
34	1	0.56	3.61	0.00	-0.00	-0.00	-0.73
	2	4.93	24.28	0.00	0.02	-0.00	-6.47
	3	0.89	4.37	0.00	0.00	-0.00	-1.17
	4	1.27	6.25	0.00	0.01	-0.00	-1.67
	5	-0.87	3.30	0.00	0.00	0.00	1.12
	6	17.38	1.38	0.21	0.44	0.00	36.46
	7	0.42	0.05	5.88	12.12	0.03	0.86
	8	23.01	36.96	1.99	4.11	0.01	29.47
	9	22.76	36.93	-1.54	-3.16	-0.01	28.95

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	10	-11.75	34.21	1.56	3.22	0.01	-43.46
	11	-12.00	34.18	-1.97	-4.05	-0.01	-43.97
	12	11.14	36.04	5.95	12.29	0.03	4.55
	13	10.31	35.94	-5.81	-11.96	-0.03	2.82
	14	0.71	35.21	5.82	12.02	0.03	-17.33
	15	-0.12	35.11	-5.94	-12.23	-0.03	-19.05
	16	25.32	40.66	2.18	4.52	0.01	32.42
	17	25.04	40.63	-1.70	-3.48	-0.01	31.85
	18	-12.92	37.63	1.71	3.55	0.01	-47.80
	19	-13.20	37.60	-2.17	-4.46	-0.01	-48.37
	20	12.25	39.64	6.55	13.52	0.03	5.01
	21	11.34	39.53	-6.39	-13.16	-0.03	3.11
	22	0.78	38.73	6.41	13.22	0.03	-19.06
	23	-0.13	38.62	-6.54	-13.45	-0.03	-20.96
	24	6.06	39.13	0.01	0.03	-0.00	-7.98
	25	6.48	41.19	0.01	0.03	-0.00	-8.53
35	1	0.50	3.55	0.00	0.00	-0.00	-0.58
	2	4.17	25.04	0.06	0.10	-0.00	-4.92
	3	0.75	4.51	0.01	0.02	-0.00	-0.89
	4	1.07	6.44	0.02	0.03	-0.00	-1.27
	5	-0.07	0.11	-0.00	-0.00	0.00	0.09
	6	9.93	1.03	0.23	0.47	0.00	21.37
	7	0.80	1.93	6.38	12.75	0.03	1.78
	8	15.51	34.82	2.22	4.41	0.01	15.59
	9	15.03	33.66	-1.61	-3.24	-0.01	14.52
	10	-4.34	32.76	1.75	3.48	0.01	-27.14
	11	-4.82	31.60	-2.07	-4.17	-0.01	-28.21
	12	9.12	35.45	6.52	13.01	0.03	1.89
	13	7.53	31.59	-6.23	-12.49	-0.03	-1.68
	14	3.16	34.84	6.38	12.73	0.03	-10.93
	15	1.57	30.97	-6.37	-12.77	-0.03	-14.50
	16	17.06	38.30	2.44	4.85	0.01	17.15
	17	16.54	37.02	-1.77	-3.56	-0.01	15.97
	18	-4.78	36.04	1.93	3.83	0.01	-29.85
	19	-5.30	34.76	-2.28	-4.59	-0.01	-31.03
	20	10.03	39.00	7.17	14.31	0.03	2.07
	21	8.28	34.74	-6.86	-13.74	-0.03	-1.85
	22	3.48	38.32	7.02	14.00	0.03	-12.03
	23	1.73	34.07	-7.01	-14.04	-0.03	-15.95
	24	5.88	36.53	0.08	0.13	-0.00	-6.94
	25	6.23	38.66	0.09	0.14	-0.00	-7.36
36	1	0.20	2.47	-0.06	-0.07	0.00	-0.25
	2	0.95	10.11	-0.51	-0.51	-0.00	-1.17
	3	0.17	1.82	-0.09	-0.09	-0.00	-0.21
	4	0.24	2.60	-0.13	-0.13	-0.00	-0.30
	5	0.01	-0.03	0.00	0.00	0.00	-0.01

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	6	2.88	0.98	0.35	0.87	0.00	5.87
	7	0.48	3.51	9.50	23.64	0.03	0.98
	8	4.35	16.40	2.54	7.29	0.01	4.52
	9	4.06	14.30	-3.16	-6.90	-0.01	3.93
	10	-1.40	14.44	1.84	5.56	0.01	-7.22
	11	-1.69	12.34	-3.85	-8.63	-0.01	-7.81
	12	2.67	18.17	8.94	23.23	0.03	1.09
	13	1.71	11.16	-10.05	-24.05	-0.03	-0.87
	14	0.95	17.58	8.73	22.71	0.03	-2.43
	15	-0.01	10.57	-10.26	-24.57	-0.03	-4.39
	16	4.78	18.04	2.79	8.02	0.01	4.97
	17	4.47	15.73	-3.47	-7.58	-0.01	4.32
	18	-1.54	15.88	2.03	6.11	0.01	-7.95
	19	-1.86	13.57	-4.24	-9.49	-0.01	-8.59
	20	2.94	19.99	9.84	25.55	0.04	1.20
	21	1.88	12.27	-11.05	-26.45	-0.04	-0.95
	22	1.04	19.34	9.61	24.98	0.04	-2.67
	23	-0.01	11.62	-11.28	-27.03	-0.04	-4.83
	24	1.46	15.81	-0.72	-0.74	0.00	-1.81
	25	1.54	16.66	-0.77	-0.78	-0.00	-1.91
75	1	-0.21	2.41	0.05	0.05	0.00	0.26
	2	-1.08	11.41	0.58	0.64	0.00	1.35
	3	-0.18	1.88	0.10	0.12	0.00	0.22
	4	-0.25	2.68	0.15	0.17	0.00	0.32
	5	-0.00	0.01	-0.00	-0.00	-0.00	0.00
	6	0.41	0.31	0.71	1.76	0.00	0.81
	7	0.41	3.10	8.37	20.84	0.03	0.85
	8	-0.94	16.96	3.95	8.82	0.01	2.90
	9	-1.18	15.10	-1.07	-3.68	-0.01	2.39
	10	-1.76	16.33	2.54	5.31	0.01	1.29
	11	-2.00	14.47	-2.48	-7.20	-0.01	0.77
	12	-0.94	18.90	9.32	22.18	0.03	2.94
	13	-1.76	12.71	-7.43	-19.50	-0.03	1.23
	14	-1.18	18.72	8.89	21.13	0.03	2.45
	15	-2.00	12.53	-7.85	-20.55	-0.03	0.74
	16	-1.03	18.65	4.34	9.70	0.01	3.20
	17	-1.30	16.61	-1.18	-4.05	-0.01	2.63
	18	-1.93	17.96	2.79	5.84	0.01	1.42
	19	-2.20	15.92	-2.73	-7.91	-0.01	0.85
	20	-1.03	20.79	10.25	24.40	0.04	3.23
	21	-1.93	13.99	-8.17	-21.45	-0.04	1.35
	22	-1.30	20.59	9.78	23.24	0.04	2.70
	23	-2.20	13.78	-8.64	-22.61	-0.04	0.82
	24	-1.62	17.29	0.81	0.89	0.00	2.02
	25	-1.70	18.17	0.85	0.95	0.00	2.13
76	1	-0.50	3.92	0.02	0.03	0.00	0.56

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	2	-4.87	20.31	-0.15	-0.20	0.00	5.45
	3	-0.87	3.65	-0.03	-0.04	0.00	0.98
	4	-1.25	5.21	-0.04	-0.05	0.00	1.40
	5	0.02	-0.07	-0.00	-0.00	-0.00	-0.02
	6	1.30	2.73	0.47	0.95	0.00	3.84
	7	0.24	1.70	5.62	11.24	0.03	0.51
	8	-4.85	31.05	2.00	4.11	0.01	10.97
	9	-5.00	30.03	-1.37	-2.63	-0.01	10.66
	10	-7.44	25.59	1.06	2.22	0.01	3.29
	11	-7.59	24.57	-2.32	-4.53	-0.01	2.98
	12	-5.59	30.33	5.61	11.32	0.03	8.64
	13	-6.07	26.92	-5.64	-11.17	-0.03	7.62
	14	-6.37	28.69	5.32	10.75	0.03	6.33
	15	-6.84	25.29	-5.92	-11.73	-0.03	5.32
	16	-5.34	34.15	2.20	4.52	0.01	12.07
	17	-5.49	33.03	-1.51	-2.90	-0.01	11.73
	18	-8.19	28.15	1.16	2.44	0.01	3.62
	19	-8.35	27.02	-2.55	-4.98	-0.01	3.28
	20	-6.15	33.36	6.17	12.45	0.03	9.50
	21	-6.67	29.62	-6.20	-12.28	-0.03	8.38
	22	-7.01	31.56	5.86	11.83	0.03	6.96
	23	-7.53	27.81	-6.52	-12.91	-0.03	5.85
	24	-6.84	30.59	-0.17	-0.23	0.00	7.67
	25	-7.25	32.31	-0.19	-0.24	0.00	8.14
77	1	-0.76	3.12	0.00	0.00	-0.00	0.76
	2	-6.41	12.99	0.00	0.00	0.00	6.44
	3	-1.16	2.34	-0.00	-0.00	0.00	1.16
	4	-1.65	3.34	-0.00	-0.00	0.00	1.66
	5	0.01	-0.05	-0.00	-0.00	0.00	0.10
	6	10.44	0.09	0.44	0.90	0.00	28.46
	7	0.24	0.02	5.19	10.69	0.03	0.65
	8	2.20	18.50	1.99	4.10	0.01	37.12
	9	2.06	18.49	-1.12	-2.31	-0.01	36.72
	10	-18.68	18.32	1.12	2.31	0.01	-19.81
	11	-18.83	18.31	-1.99	-4.10	-0.01	-20.20
	12	-4.95	18.45	5.32	10.96	0.03	17.65
	13	-5.42	18.41	-5.06	-10.42	-0.03	16.34
	14	-11.21	18.40	5.06	10.42	0.03	0.57
	15	-11.68	18.36	-5.32	-10.96	-0.03	-0.73
	16	2.42	20.35	2.19	4.51	0.01	40.83
	17	2.26	20.34	-1.23	-2.54	-0.01	40.40
	18	-20.55	20.15	1.23	2.54	0.01	-21.79
	19	-20.71	20.14	-2.19	-4.51	-0.01	-22.22
	20	-5.44	20.30	5.85	12.06	0.04	19.42
	21	-5.96	20.26	-5.56	-11.47	-0.04	17.98
	22	-12.33	20.24	5.56	11.47	0.04	0.63

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	23	-12.85	20.20	-5.85	-12.06	-0.04	-0.80
	24	-9.15	20.25	-0.00	0.00	0.00	9.31
	25	-9.69	21.35	-0.00	0.00	0.00	9.85
78	1	-0.50	3.90	-0.02	-0.03	-0.00	0.56
	2	-4.77	19.98	0.15	0.20	-0.00	5.26
	3	-0.86	3.60	0.03	0.04	-0.00	0.95
	4	-1.23	5.14	0.04	0.05	-0.00	1.35
	5	0.03	-0.06	-0.00	-0.00	0.00	-0.03
	6	8.24	3.16	0.47	0.95	0.00	19.39
	7	0.81	1.71	5.63	11.25	0.03	1.80
	8	2.38	31.09	2.32	4.53	0.01	26.67
	9	1.90	30.06	-1.06	-2.22	-0.01	25.59
	10	-14.10	24.76	1.37	2.63	0.01	-12.12
	11	-14.59	23.73	-2.00	-4.11	-0.01	-13.20
	12	-2.82	30.07	5.92	11.74	0.03	14.36
	13	-4.44	26.65	-5.33	-10.75	-0.03	10.75
	14	-7.77	28.17	5.64	11.17	0.03	2.72
	15	-9.38	24.75	-5.61	-11.32	-0.03	-0.89
	16	2.62	34.19	2.55	4.98	0.01	29.34
	17	2.09	33.06	-1.16	-2.44	-0.01	28.15
	18	-15.51	27.24	1.51	2.90	0.01	-13.33
	19	-16.05	26.11	-2.20	-4.52	-0.01	-14.52
	20	-3.10	33.08	6.52	12.91	0.03	15.79
	21	-4.88	29.31	-5.86	-11.83	-0.03	11.83
	22	-8.54	30.99	6.20	12.29	0.03	2.99
	23	-10.32	27.22	-6.17	-12.46	-0.03	-0.97
	24	-6.71	30.15	0.17	0.23	-0.00	7.41
	25	-7.12	31.85	0.19	0.24	-0.00	7.86
79	1	-0.21	2.43	-0.05	-0.05	-0.00	0.28
	2	-1.01	10.41	-0.58	-0.64	-0.00	1.31
	3	-0.18	1.87	-0.10	-0.12	-0.00	0.24
	4	-0.26	2.68	-0.15	-0.17	-0.00	0.34
	5	-0.00	0.02	0.00	-0.00	0.00	0.00
	6	2.87	0.89	0.71	1.76	0.00	5.87
	7	0.48	3.08	8.37	20.85	0.03	0.98
	8	1.61	16.55	2.49	7.20	0.01	7.99
	9	1.32	14.70	-2.54	-5.31	-0.01	7.40
	10	-4.13	14.76	1.07	3.68	0.01	-3.74
	11	-4.42	12.91	-3.95	-8.83	-0.01	-4.33
	12	-0.07	18.08	7.85	20.57	0.03	4.57
	13	-1.03	11.92	-8.89	-21.13	-0.03	2.61
	14	-1.79	17.55	7.43	19.51	0.03	1.05
	15	-2.75	11.38	-9.32	-22.19	-0.03	-0.91
	16	1.77	18.20	2.74	7.92	0.01	8.79
	17	1.45	16.17	-2.79	-5.84	-0.01	8.14
	18	-4.55	16.24	1.18	4.05	0.01	-4.12

 SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	19	-4.86	14.21	-4.35	-9.71	-0.01	-4.76
	20	-0.07	19.89	8.64	22.62	0.04	5.03
	21	-1.13	13.11	-9.78	-23.25	-0.04	2.87
	22	-1.97	19.30	8.17	21.46	0.04	1.15
	23	-3.02	12.52	-10.25	-24.41	-0.04	-1.00
	24	-1.55	16.20	-0.81	-0.89	-0.00	2.01
	25	-1.63	17.09	-0.86	-0.95	-0.00	2.12
93	1	0.05	1.41	0.05	0.06	-0.00	-0.07
	2	0.27	6.34	0.54	0.56	-0.00	-0.38
	3	0.04	1.04	0.10	0.10	-0.00	-0.06
	4	0.06	1.49	0.14	0.15	-0.00	-0.09
	5	0.00	-0.00	0.00	0.00	-0.00	-0.00
	6	0.37	0.10	0.27	0.67	0.00	0.76
	7	0.44	1.26	3.39	8.43	0.01	0.90
	8	0.87	9.25	1.97	3.92	0.00	0.52
	9	0.61	8.50	-0.06	-1.13	-0.00	-0.02
	10	0.13	9.06	1.43	2.59	0.00	-1.00
	11	-0.14	8.30	-0.60	-2.47	-0.00	-1.54
	12	0.92	10.07	4.15	9.35	0.01	0.61
	13	0.04	7.55	-2.62	-7.50	-0.01	-1.18
	14	0.70	10.01	3.99	8.95	0.01	0.16
	15	-0.19	7.49	-2.78	-7.90	-0.01	-1.64
	16	0.96	10.18	2.17	4.32	0.01	0.57
	17	0.67	9.35	-0.07	-1.25	-0.00	-0.02
	18	0.14	9.96	1.58	2.85	0.00	-1.10
	19	-0.15	9.13	-0.66	-2.72	-0.01	-1.69
	20	1.02	11.07	4.57	10.29	0.01	0.68
	21	0.04	8.30	-2.88	-8.25	-0.01	-1.30
	22	0.77	11.01	4.39	9.85	0.01	0.17
	23	-0.21	8.24	-3.06	-8.69	-0.01	-1.80
	24	0.40	9.66	0.75	0.80	-0.00	-0.56
	25	0.43	10.15	0.80	0.85	-0.00	-0.59
94	1	0.10	2.55	0.03	0.03	-0.00	-0.14
	2	1.69	9.81	-0.17	-0.23	-0.00	-2.16
	3	0.30	1.76	-0.03	-0.04	-0.00	-0.39
	4	0.43	2.52	-0.04	-0.06	-0.00	-0.55
	5	-0.01	0.01	0.00	0.00	0.00	0.02
	6	2.41	0.26	0.18	0.35	0.00	5.07
	7	0.22	0.78	2.25	4.50	0.01	0.49
	8	4.56	14.63	0.68	1.46	0.00	2.56
	9	4.42	14.16	-0.67	-1.24	-0.00	2.26
	10	-0.26	14.11	0.32	0.75	0.00	-7.58
	11	-0.39	13.64	-1.03	-1.95	-0.00	-7.87
	12	3.03	15.00	2.13	4.37	0.01	-0.65
	13	2.58	13.43	-2.37	-4.64	-0.01	-1.62
	14	1.59	14.84	2.02	4.16	0.01	-3.69

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	15	1.14	13.28	-2.48	-4.85	-0.01	-4.66
	16	5.01	16.09	0.74	1.61	0.00	2.81
	17	4.86	15.58	-0.74	-1.36	-0.00	2.49
	18	-0.28	15.53	0.35	0.83	0.00	-8.33
	19	-0.43	15.01	-1.13	-2.14	-0.00	-8.66
	20	3.33	16.50	2.34	4.81	0.01	-0.72
	21	2.84	14.78	-2.61	-5.10	-0.01	-1.79
	22	1.74	16.33	2.22	4.57	0.01	-4.06
	23	1.25	14.61	-2.72	-5.34	-0.01	-5.13
	24	2.29	15.55	-0.19	-0.27	-0.00	-2.92
	25	2.43	16.38	-0.21	-0.29	-0.00	-3.10
95	1	0.18	2.28	0.00	0.00	0.00	-0.21
	2	1.70	6.75	-0.01	-0.02	0.00	-2.00
	3	0.31	1.22	-0.00	-0.00	0.00	-0.36
	4	0.44	1.74	-0.00	-0.01	0.00	-0.51
	5	-0.00	-0.00	0.00	0.00	0.00	0.00
	6	0.58	0.33	0.17	0.34	0.00	1.36
	7	0.07	0.38	2.14	4.36	0.01	0.16
	8	2.79	10.70	0.80	1.62	0.01	-1.15
	9	2.75	10.47	-0.49	-0.99	-0.00	-1.25
	10	1.63	10.03	0.47	0.94	0.00	-3.88
	11	1.58	9.81	-0.82	-1.67	-0.01	-3.98
	12	2.43	10.73	2.18	4.44	0.01	-1.99
	13	2.30	9.97	-2.10	-4.28	-0.01	-2.32
	14	2.08	10.53	2.08	4.23	0.01	-2.81
	15	1.95	9.77	-2.20	-4.48	-0.01	-3.14
	16	3.07	11.77	0.88	1.78	0.01	-1.27
	17	3.03	11.51	-0.53	-1.09	-0.00	-1.38
	18	1.79	11.04	0.51	1.04	0.00	-4.27
	19	1.74	10.79	-0.90	-1.84	-0.01	-4.38
	20	2.68	11.80	2.40	4.88	0.01	-2.19
	21	2.53	10.97	-2.31	-4.71	-0.01	-2.55
	22	2.29	11.59	2.29	4.66	0.01	-3.09
	23	2.14	10.75	-2.42	-4.93	-0.01	-3.45
	24	2.41	11.28	-0.01	-0.03	0.00	-2.82
	25	2.55	11.85	-0.01	-0.03	0.00	-2.99
96	1	0.06	2.59	-0.03	-0.03	0.00	-0.09
	2	0.92	9.45	0.23	0.24	0.00	-1.28
	3	0.17	1.70	0.04	0.04	0.00	-0.23
	4	0.24	2.43	0.06	0.06	0.00	-0.33
	5	-0.00	0.01	0.00	0.00	-0.00	0.01
	6	4.99	0.60	0.34	0.74	0.00	9.93
	7	0.44	0.66	4.31	9.43	0.01	0.88
	8	6.27	14.55	1.87	3.82	0.00	8.59
	9	6.01	14.15	-0.72	-1.84	-0.00	8.07
	10	-3.71	13.35	1.19	2.35	0.00	-11.26

   SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	11	-3.97	12.95	-1.39	-3.31	-0.00	-11.78
	12	3.09	14.59	4.65	9.90	0.01	2.26
	13	2.21	13.27	-3.97	-8.95	-0.01	0.50
	14	0.09	14.23	4.45	9.46	0.01	-3.70
	15	-0.78	12.91	-4.18	-9.40	-0.01	-5.45
	16	6.90	16.00	2.06	4.20	0.00	9.45
	17	6.61	15.57	-0.79	-2.02	-0.00	8.87
	18	-4.08	14.68	1.31	2.58	0.00	-12.38
	19	-4.37	14.25	-1.53	-3.64	-0.00	-12.96
	20	3.40	16.05	5.12	10.89	0.01	2.49
	21	2.43	14.60	-4.37	-9.85	-0.01	0.56
	22	0.10	15.65	4.89	10.41	0.01	-4.06
	23	-0.86	14.20	-4.59	-10.34	-0.01	-6.00
	24	1.27	15.12	0.26	0.28	0.00	-1.75
	25	1.35	15.93	0.28	0.30	0.00	-1.86
97	1	0.03	1.26	-0.05	-0.04	-0.00	-0.03
	2	0.09	5.33	-0.57	-0.67	-0.00	-0.09
	3	0.02	0.96	-0.10	-0.12	-0.00	-0.02
	4	0.02	1.37	-0.15	-0.17	-0.00	-0.02
	5	0.00	-0.00	-0.00	-0.00	0.00	-0.00
	6	2.62	0.94	0.27	0.66	0.00	5.54
	7	0.44	1.53	3.47	8.41	0.01	0.93
	8	2.88	8.95	0.59	2.35	0.00	5.68
	9	2.62	8.03	-1.49	-2.70	-0.00	5.12
	10	-2.35	7.07	0.05	1.03	0.00	-5.39
	11	-2.62	6.16	-2.03	-4.02	-0.00	-5.95
	12	1.36	9.36	2.83	7.77	0.01	2.46
	13	0.48	6.30	-4.11	-9.05	-0.01	0.59
	14	-0.21	8.80	2.67	7.38	0.01	-0.86
	15	-1.09	5.74	-4.28	-9.45	-0.01	-2.73
	16	3.17	9.84	0.65	2.58	0.00	6.25
	17	2.88	8.83	-1.64	-2.97	-0.00	5.63
	18	-2.59	7.78	0.05	1.13	0.00	-5.93
	19	-2.88	6.77	-2.24	-4.42	-0.00	-6.55
	20	1.49	10.29	3.12	8.55	0.01	2.70
	21	0.52	6.94	-4.52	-9.96	-0.01	0.65
	22	-0.23	9.68	2.94	8.11	0.01	-0.95
	23	-1.20	6.32	-4.70	-10.39	-0.01	-3.00
	24	0.15	8.31	-0.79	-0.92	-0.00	-0.15
	25	0.15	8.76	-0.84	-0.98	-0.00	-0.16
114	1	-0.00	0.75	0.00	0.00	0.00	0.01
	2	-0.01	1.03	0.00	0.01	-0.00	0.04
	3	-0.00	0.19	0.00	0.00	-0.00	0.01
	4	-0.00	0.27	0.00	0.00	-0.00	0.01
	5	0.00	0.00	-0.00	-0.00	-0.00	-0.00
	6	0.84	0.23	0.08	0.33	0.00	3.26

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	7	0.14	0.04	1.90	7.40	0.04	0.55
	8	0.87	2.21	0.66	2.57	0.01	3.47
	9	0.78	2.19	-0.48	-1.88	-0.01	3.14
	10	-0.81	1.74	0.49	1.90	0.01	-3.05
	11	-0.89	1.72	-0.65	-2.54	-0.01	-3.37
	12	0.38	2.07	1.93	7.52	0.04	1.57
	13	0.10	1.99	-1.87	-7.29	-0.04	0.48
	14	-0.12	1.93	1.88	7.32	0.04	-0.38
	15	-0.40	1.85	-1.92	-7.49	-0.04	-1.48
	16	0.95	2.43	0.72	2.82	0.01	3.82
	17	0.86	2.40	-0.53	-2.06	-0.01	3.46
	18	-0.89	1.92	0.54	2.09	0.01	-3.35
	19	-0.98	1.89	-0.72	-2.79	-0.01	-3.71
	20	0.42	2.28	2.12	8.27	0.04	1.73
	21	0.11	2.19	-2.06	-8.02	-0.04	0.53
	22	-0.14	2.13	2.06	8.05	0.04	-0.42
	23	-0.44	2.04	-2.11	-8.24	-0.04	-1.62
	24	-0.01	2.16	0.00	0.02	-0.00	0.05
	25	-0.01	2.25	0.00	0.02	-0.00	0.06
116	1	-0.07	1.12	0.06	0.07	0.00	0.08
	2	-0.43	3.28	0.33	0.37	0.00	0.51
	3	-0.07	0.49	0.05	0.05	0.00	0.08
	4	-0.10	0.70	0.07	0.07	0.00	0.12
	5	-0.00	0.00	0.00	0.00	-0.00	0.00
	6	0.32	0.23	0.27	0.66	0.00	0.69
	7	0.37	1.17	3.03	7.53	0.01	0.79
	8	-0.14	5.47	1.61	3.41	0.00	1.60
	9	-0.36	4.77	-0.20	-1.11	-0.00	1.13
	10	-0.78	5.01	1.08	2.08	0.00	0.23
	11	-0.99	4.31	-0.74	-2.44	-0.00	-0.25
	12	-0.11	6.13	3.55	8.22	0.01	1.68
	13	-0.84	3.79	-2.51	-6.85	-0.01	0.09
	14	-0.30	5.99	3.39	7.82	0.01	1.27
	15	-1.03	3.65	-2.67	-7.25	-0.01	-0.32
	16	-0.16	6.02	1.78	3.75	0.01	1.77
	17	-0.40	5.25	-0.22	-1.22	-0.00	1.24
	18	-0.85	5.51	1.19	2.29	0.00	0.25
	19	-1.09	4.74	-0.81	-2.68	-0.01	-0.27
	20	-0.12	6.75	3.90	9.04	0.02	1.85
	21	-0.92	4.17	-2.76	-7.53	-0.02	0.10
	22	-0.33	6.59	3.73	8.60	0.02	1.39
	23	-1.13	4.01	-2.94	-7.97	-0.02	-0.35
	24	-0.63	5.38	0.48	0.53	0.00	0.75
	25	-0.66	5.61	0.50	0.56	0.00	0.79
117	1	-0.15	1.63	-0.01	-0.01	0.00	0.16
	2	-1.58	7.98	-0.03	-0.04	-0.00	1.60

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	3	-0.28	1.32	-0.00	-0.01	-0.00	0.29
	4	-0.41	1.89	-0.01	-0.01	-0.00	0.41
	5	-0.01	0.00	0.00	0.00	-0.00	0.01
	6	1.74	0.67	0.18	0.36	0.00	4.27
	7	0.18	0.77	2.01	4.03	0.01	0.43
	8	-0.23	11.84	0.74	1.51	0.00	6.45
	9	-0.34	11.38	-0.47	-0.91	-0.00	6.19
	10	-3.72	10.50	0.38	0.80	0.00	-2.08
	11	-3.82	10.03	-0.82	-1.62	-0.00	-2.34
	12	-1.33	11.91	2.02	4.08	0.01	3.76
	13	-1.68	10.37	-1.99	-3.98	-0.01	2.91
	14	-2.37	11.51	1.91	3.87	0.01	1.20
	15	-2.73	9.96	-2.10	-4.19	-0.01	0.35
	16	-0.26	13.03	0.81	1.66	0.00	7.09
	17	-0.37	12.52	-0.51	-1.00	-0.00	6.81
	18	-4.09	11.55	0.42	0.88	0.00	-2.29
	19	-4.20	11.04	-0.90	-1.78	-0.00	-2.57
	20	-1.46	13.11	2.22	4.49	0.01	4.14
	21	-1.85	11.40	-2.19	-4.38	-0.01	3.20
	22	-2.61	12.66	2.10	4.25	0.01	1.32
	23	-3.00	10.96	-2.31	-4.61	-0.01	0.38
	24	-2.23	12.03	-0.04	-0.06	-0.00	2.26
	25	-2.36	12.66	-0.05	-0.06	-0.00	2.40
118	1	-0.18	1.66	0.01	0.01	0.00	0.20
	2	-1.68	7.98	0.03	0.04	0.00	1.88
	3	-0.30	1.32	0.00	0.00	0.00	0.34
	4	-0.43	1.89	0.01	0.01	0.00	0.48
	5	-0.00	-0.00	0.00	0.00	0.00	0.00
	6	0.54	0.29	0.18	0.36	0.00	1.31
	7	0.07	0.79	2.01	4.03	0.01	0.16
	8	-1.60	11.49	0.82	1.62	0.00	3.78
	9	-1.64	11.02	-0.38	-0.80	-0.00	3.68
	10	-2.68	10.91	0.46	0.89	0.00	1.16
	11	-2.72	10.44	-0.75	-1.52	-0.00	1.06
	12	-1.93	11.84	2.10	4.19	0.01	2.98
	13	-2.07	10.27	-1.92	-3.87	-0.01	2.65
	14	-2.25	11.66	1.99	3.97	0.01	2.19
	15	-2.39	10.09	-2.02	-4.09	-0.01	1.86
	16	-1.76	12.64	0.90	1.78	0.00	4.15
	17	-1.81	12.12	-0.42	-0.88	-0.00	4.05
	18	-2.94	12.01	0.50	0.98	0.00	1.27
	19	-2.99	11.49	-0.82	-1.68	-0.00	1.17
	20	-2.12	13.02	2.31	4.60	0.01	3.27
	21	-2.27	11.29	-2.11	-4.26	-0.01	2.91
	22	-2.48	12.83	2.19	4.37	0.01	2.41
	23	-2.63	11.10	-2.23	-4.50	-0.01	2.05

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	24	-2.38	12.06	0.04	0.05	0.00	2.66
	25	-2.52	12.69	0.04	0.05	0.00	2.82
119	1	-0.10	1.25	-0.06	-0.07	0.00	0.12
	2	-0.80	4.49	-0.33	-0.38	0.00	0.91
	3	-0.14	0.76	-0.05	-0.05	0.00	0.16
	4	-0.21	1.08	-0.07	-0.08	0.00	0.24
	5	-0.00	-0.00	0.00	0.00	-0.00	0.00
	6	3.89	1.64	0.28	0.69	0.00	8.50
	7	0.35	1.26	3.03	7.54	0.01	0.77
	8	2.95	8.51	0.75	2.45	0.01	9.93
	9	2.74	7.75	-1.07	-2.07	-0.00	9.47
	10	-4.82	5.24	0.19	1.08	0.00	-7.07
	11	-5.03	4.48	-1.63	-3.45	-0.01	-7.53
	12	0.47	8.24	2.68	7.25	0.02	4.51
	13	-0.23	5.73	-3.39	-7.83	-0.01	2.98
	14	-1.86	7.26	2.51	6.84	0.01	-0.59
	15	-2.56	4.75	-3.56	-8.24	-0.02	-2.12
	16	3.24	9.36	0.82	2.70	0.01	10.92
	17	3.01	8.53	-1.18	-2.28	-0.00	10.41
	18	-5.31	5.76	0.21	1.18	0.00	-7.78
	19	-5.54	4.93	-1.79	-3.79	-0.01	-8.28
	20	0.52	9.07	2.95	7.97	0.02	4.96
	21	-0.25	6.30	-3.73	-8.62	-0.02	3.28
	22	-2.05	7.99	2.76	7.52	0.02	-0.64
	23	-2.81	5.22	-3.91	-9.07	-0.02	-2.33
	24	-1.15	7.14	-0.48	-0.55	0.00	1.32
	25	-1.22	7.50	-0.51	-0.57	0.00	1.40

************** END OF LATEST ANALYSIS RESULT **************

326. PRINT SUPPORT REACTION LIST 1 32 75 93 116

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
1	1	0.02	1.01	0.06	0.06	-0.00	-0.02
	2	-0.01	1.94	0.26	0.31	-0.00	0.00
	3	-0.01	0.27	0.04	0.04	-0.00	0.00
	4	-0.01	0.38	0.05	0.06	-0.00	0.01
	5	-0.00	-0.01	-0.00	-0.00	0.00	0.00
	6	0.33	0.26	0.30	0.74	0.00	0.70
	7	0.37	1.31	3.41	8.47	0.02	0.81
	8	0.44	3.86	1.67	3.69	0.01	0.93
	9	0.21	3.08	-0.37	-1.39	-0.00	0.45
	10	-0.22	3.34	1.08	2.21	0.00	-0.47
	11	-0.44	2.55	-0.96	-2.87	-0.01	-0.95
	12	0.47	4.59	3.85	9.10	0.02	1.01
	13	-0.28	1.98	-2.96	-7.84	-0.02	-0.61
	14	0.27	4.44	3.67	8.66	0.02	0.59
	15	-0.48	1.82	-3.14	-8.28	-0.02	-1.03
	16	0.48	4.25	1.84	4.06	0.01	1.03
	17	0.23	3.38	-0.41	-1.53	-0.00	0.49
	18	-0.24	3.67	1.19	2.44	0.00	-0.51
	19	-0.49	2.81	-1.06	-3.16	-0.01	-1.05
	20	0.52	5.05	4.23	10.01	0.02	1.11
	21	-0.31	2.17	-3.26	-8.62	-0.02	-0.67
	22	0.30	4.88	4.04	9.53	0.02	0.65
	23	-0.52	2.00	-3.46	-9.11	-0.02	-1.13
	24	-0.00	3.53	0.39	0.45	-0.00	-0.01
	25	-0.01	3.65	0.40	0.47	-0.00	-0.01
32	1	0.21	2.48	0.07	0.07	-0.00	-0.26
	2	1.26	8.82	0.27	0.35	-0.00	-1.63
	3	0.21	1.41	0.05	0.06	-0.00	-0.27
	4	0.30	2.01	0.07	0.09	-0.00	-0.39
	5	0.00	0.01	-0.00	0.00	0.00	-0.00
	6	0.34	0.28	0.34	0.86	0.00	0.72
	7	0.44	3.47	9.44	23.50	0.03	0.90
	8	2.16	14.05	3.56	8.39	0.01	-1.17
	9	1.89	11.96	-2.10	-5.71	-0.01	-1.71
	10	1.47	13.49	2.87	6.67	0.01	-2.62
	11	1.21	11.40	-2.79	-7.42	-0.01	-3.16
	12	2.23	16.28	9.93	24.24	0.03	-1.05
	13	1.34	9.34	-8.95	-22.76	-0.03	-2.85
	14	2.02	16.11	9.72	23.72	0.03	-1.48
	15	1.14	9.17	-9.16	-23.27	-0.03	-3.28
	16	2.38	15.45	3.92	9.23	0.01	-1.29
	17	2.08	13.16	-2.31	-6.28	-0.01	-1.88
	18	1.62	14.83	3.16	7.34	0.01	-2.88
	19	1.33	12.54	-3.07	-8.17	-0.01	-3.47
	20	2.45	17.91	10.92	26.66	0.04	-1.15
	21	1.48	10.27	-9.84	-25.03	-0.04	-3.13

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	22	2.23	17.73	10.69	26.09	0.04	-1.63
	23	1.25	10.08	-10.07	-25.60	-0.04	-3.61
	24	1.85	14.00	0.42	0.53	-0.00	-2.38
	25	1.95	14.66	0.45	0.56	-0.00	-2.51
75	1	-0.21	2.41	0.05	0.05	0.00	0.26
	2	-1.08	11.41	0.58	0.64	0.00	1.35
	3	-0.18	1.88	0.10	0.12	0.00	0.22
	4	-0.25	2.68	0.15	0.17	0.00	0.32
	5	-0.00	0.01	-0.00	-0.00	-0.00	0.00
	6	0.41	0.31	0.71	1.76	0.00	0.81
	7	0.41	3.10	8.37	20.84	0.03	0.85
	8	-0.94	16.96	3.95	8.82	0.01	2.90
	9	-1.18	15.10	-1.07	-3.68	-0.01	2.39
	10	-1.76	16.33	2.54	5.31	0.01	1.29
	11	-2.00	14.47	-2.48	-7.20	-0.01	0.77
	12	-0.94	18.90	9.32	22.18	0.03	2.94
	13	-1.76	12.71	-7.43	-19.50	-0.03	1.23
	14	-1.18	18.72	8.89	21.13	0.03	2.45
	15	-2.00	12.53	-7.85	-20.55	-0.03	0.74
	16	-1.03	18.65	4.34	9.70	0.01	3.20
	17	-1.30	16.61	-1.18	-4.05	-0.01	2.63
	18	-1.93	17.96	2.79	5.84	0.01	1.42
	19	-2.20	15.92	-2.73	-7.91	-0.01	0.85
	20	-1.03	20.79	10.25	24.40	0.04	3.23
	21	-1.93	13.99	-8.17	-21.45	-0.04	1.35
	22	-1.30	20.59	9.78	23.24	0.04	2.70
	23	-2.20	13.78	-8.64	-22.61	-0.04	0.82
	24	-1.62	17.29	0.81	0.89	0.00	2.02
	25	-1.70	18.17	0.85	0.95	0.00	2.13
93	1	0.05	1.41	0.05	0.06	-0.00	-0.07
	2	0.27	6.34	0.54	0.56	-0.00	-0.38
	3	0.04	1.04	0.10	0.10	-0.00	-0.06
	4	0.06	1.49	0.14	0.15	-0.00	-0.09
	5	0.00	-0.00	0.00	0.00	-0.00	-0.00
	6	0.37	0.10	0.27	0.67	0.00	0.76
	7	0.44	1.26	3.39	8.43	0.01	0.90
	8	0.87	9.25	1.97	3.92	0.00	0.52
	9	0.61	8.50	-0.06	-1.13	-0.00	-0.02
	10	0.13	9.06	1.43	2.59	0.00	-1.00
	11	-0.14	8.30	-0.60	-2.47	-0.00	-1.54
	12	0.92	10.07	4.15	9.35	0.01	0.61
	13	0.04	7.55	-2.62	-7.50	-0.01	-1.18
	14	0.70	10.01	3.99	8.95	0.01	0.16
	15	-0.19	7.49	-2.78	-7.90	-0.01	-1.64
	16	0.96	10.18	2.17	4.32	0.01	0.57
	17	0.67	9.35	-0.07	-1.25	-0.00	-0.02

SUPPORT REACTIONS -UNIT MTON METE   STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	18	0.14	9.96	1.58	2.85	0.00	-1.10
	19	-0.15	9.13	-0.66	-2.72	-0.01	-1.69
	20	1.02	11.07	4.57	10.29	0.01	0.68
	21	0.04	8.30	-2.88	-8.25	-0.01	-1.30
	22	0.77	11.01	4.39	9.85	0.01	0.17
	23	-0.21	8.24	-3.06	-8.69	-0.01	-1.80
	24	0.40	9.66	0.75	0.80	-0.00	-0.56
	25	0.43	10.15	0.80	0.85	-0.00	-0.59
116	1	-0.07	1.12	0.06	0.07	0.00	0.08
	2	-0.43	3.28	0.33	0.37	0.00	0.51
	3	-0.07	0.49	0.05	0.05	0.00	0.08
	4	-0.10	0.70	0.07	0.07	0.00	0.12
	5	-0.00	0.00	0.00	0.00	-0.00	0.00
	6	0.32	0.23	0.27	0.66	0.00	0.69
	7	0.37	1.17	3.03	7.53	0.01	0.79
	8	-0.14	5.47	1.61	3.41	0.00	1.60
	9	-0.36	4.77	-0.20	-1.11	-0.00	1.13
	10	-0.78	5.01	1.08	2.08	0.00	0.23
	11	-0.99	4.31	-0.74	-2.44	-0.00	-0.25
	12	-0.11	6.13	3.55	8.22	0.01	1.68
	13	-0.84	3.79	-2.51	-6.85	-0.01	0.09
	14	-0.30	5.99	3.39	7.82	0.01	1.27
	15	-1.03	3.65	-2.67	-7.25	-0.01	-0.32
	16	-0.16	6.02	1.78	3.75	0.01	1.77
	17	-0.40	5.25	-0.22	-1.22	-0.00	1.24
	18	-0.85	5.51	1.19	2.29	0.00	0.25
	19	-1.09	4.74	-0.81	-2.68	-0.01	-0.27
	20	-0.12	6.75	3.90	9.04	0.02	1.85
	21	-0.92	4.17	-2.76	-7.53	-0.02	0.10
	22	-0.33	6.59	3.73	8.60	0.02	1.39
	23	-1.13	4.01	-2.94	-7.97	-0.02	-0.35
	24	-0.63	5.38	0.48	0.53	0.00	0.75
	25	-0.66	5.61	0.50	0.56	0.00	0.79

************** END OF LATEST ANALYSIS RESULT **************

   327. FINISH

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

             **** DATE= APR 30,2018   TIME= 17:31:50 ****

          **************************************************************
          *    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                     *
          **************************************************************
```