



PROYECTO CENTRO DE SERVICIO INFONAVIT (CESI), CAMPECHE.

Proyecto Ejecutivo – Memoria de Cálculo de Estructuras.

Ref. E17/MX-1161 _ Rev. 00

MARZO 2018

CALCULISTA ESTRUCTURAL

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

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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 Campeche cuenta con una superficie de terreno de 4000 m² de oficinas (PB estacionamiento y oficinas y P1 de oficinas). Se encuentra localizado en la calle Miguel Alemán en el lote 14 Manzana K1 del área urbana AH-KIM-PECH, en la colonia de San Francisco de Campeche, Campeche.

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 con 86.56m , 45.56m al Este, al Sur 86.56m, al Oeste 46.50 m.

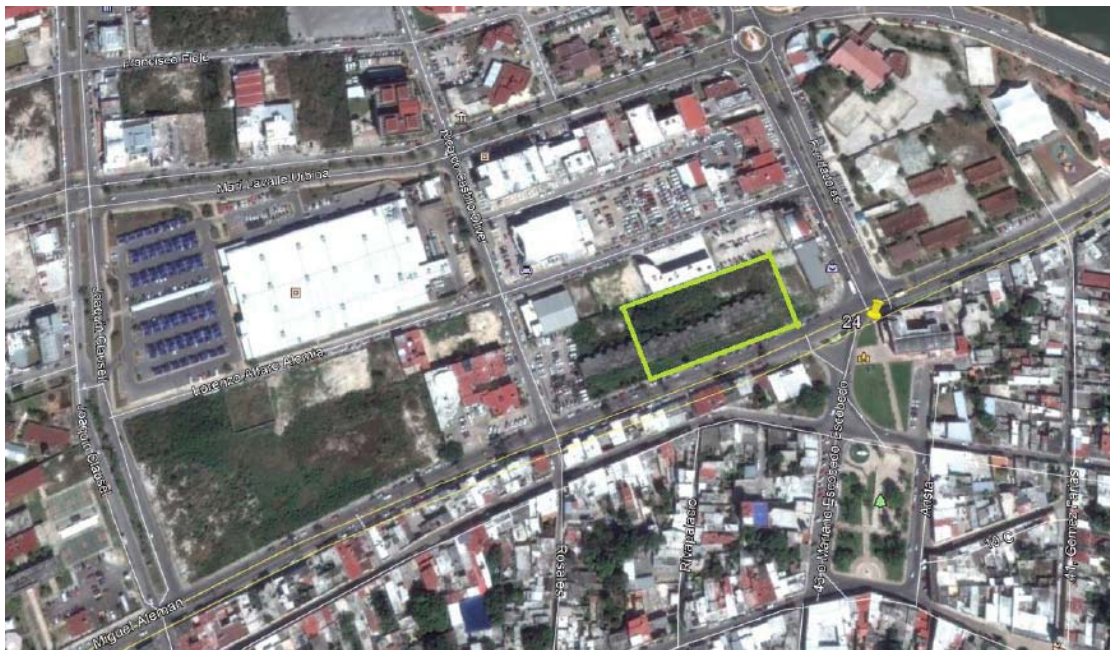


Fig. 1 Localización del emplazamiento del “CESI Campeche”.



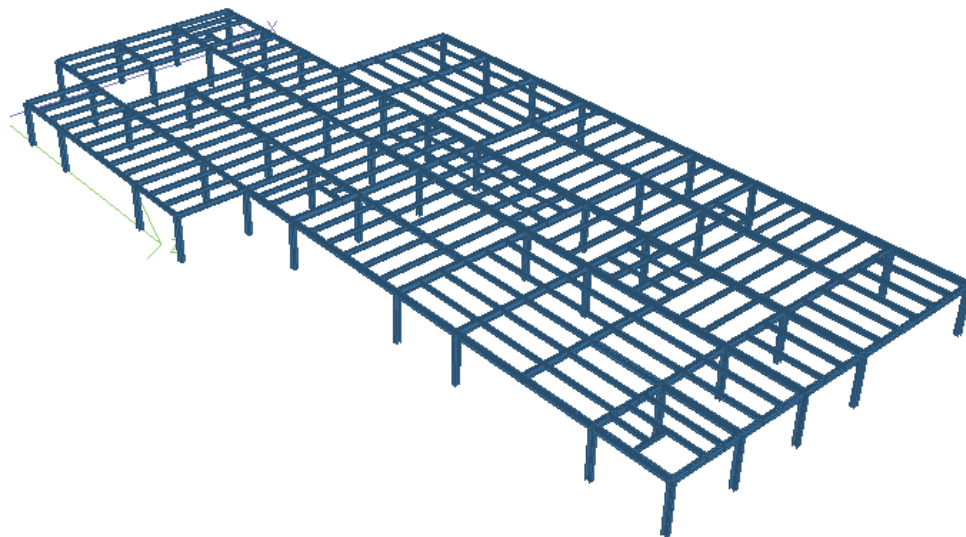
2 MODELO MATEMATICO.

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

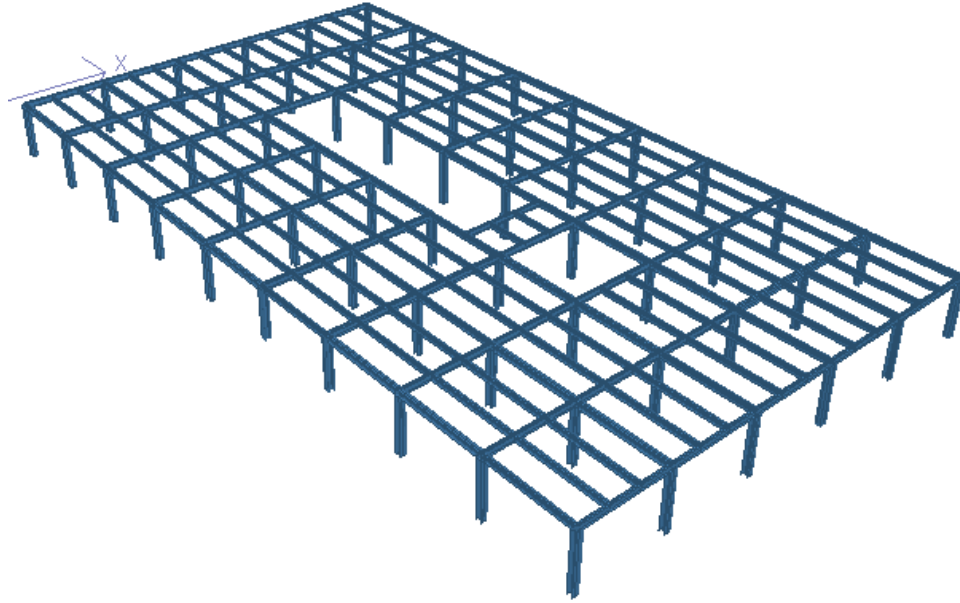
Las cargas gravitacionales (Carga Muerta y Carga Viva) se consideraron como cargas uniformemente repartidas en las traveses de cada nivel y el peso propio de la estructura es calculado directamente por el programa de análisis al declararle el comando self weight a todos los elementos que conforman el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

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

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



Isométrico de Modelo de Planta Baja.



Isométrico de Modelo de Planta Alta.

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 $f'c = 250 \text{ kg/cm}^2$. Módulo de $E = 242487.1 \text{ kg/cm}^2$. Con agregados pétreos de un máximo de 2.0 cm de diámetro.

4.2 ACERO DE REFUERZO Y ANCLAS.

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

Anclas ASTM A-50.

4.3 ACERO ESTRUCTURAL.

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

4.4 TORNILLOS

Tornillos estructurales deberán ser A-325 de alta resistencia.

4.5 SOLDADURA.

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



5 ANÁLISIS DE CARGAS.

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

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

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

5.1 ACCIONES PERMANENTES.

5.1.1 CARGAS MUERTAS.

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

Entrepiso

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

TOTAL = 399 kg/m²

Azotea

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

TOTAL = 469 kg/m²

5.2 ACCIONES VARIABLES.

5.2.1 CARGAS VIVAS.

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



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

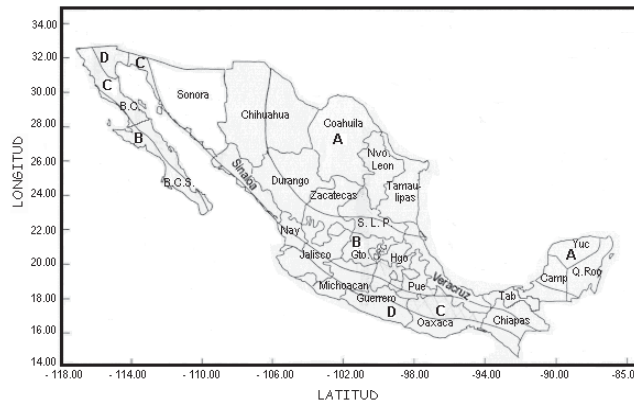
Destino de piso o cubierta.	Carga Viva Máxima (Wm) Kg/m2	Carga Viva Instantánea (Wa) Kg/m2
Oficinas	250	180
Azotea pendiente < 5%	100	70

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 A
- Clasificación de la estructura Tipo 2
- Clasificación del suelo Tipo II
- Coeficiente sísmico c = 0.24
- Factor de comportamiento sísmico Q = 2



Regionalización Sísmica de la República Mexicana.

Espectro de diseño:

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

$a = c$ para T entre T_a y T_b

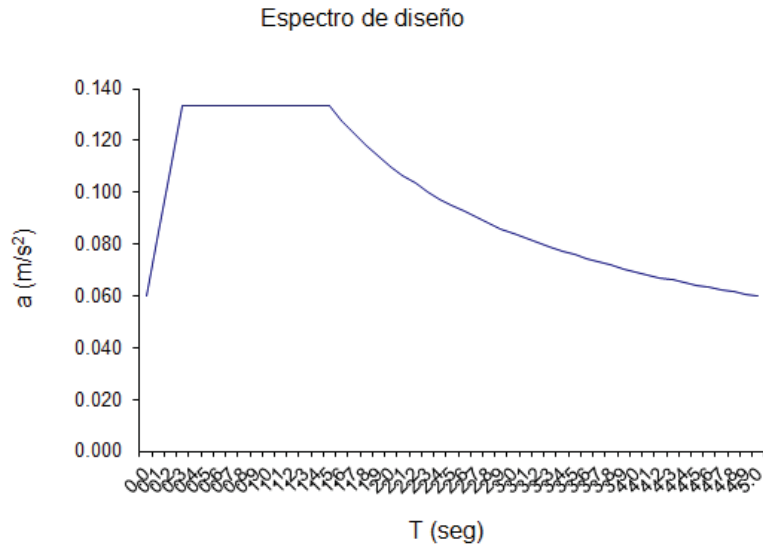
$a = qc$ para T mayor que T_b

$q = (T_b/T)r$

$a_0 = 0.06$

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

$r = 2/3$



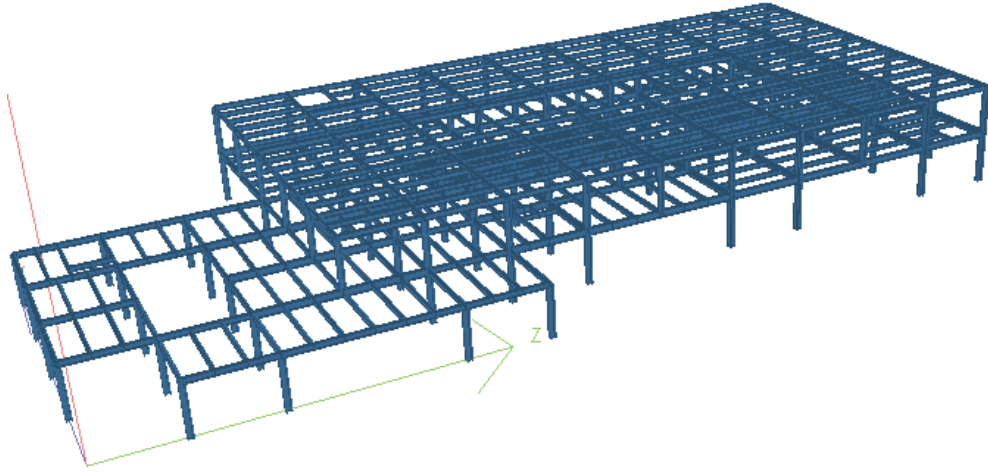
7 COMBINACIONES DE ACCIONES.

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

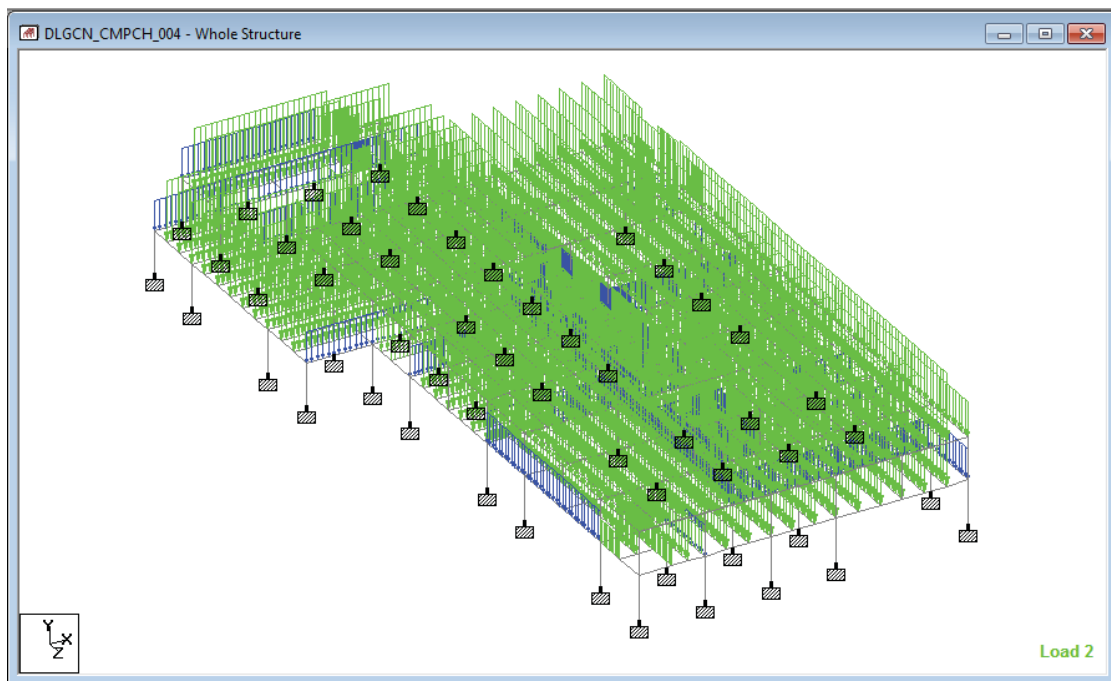
COMBINACIONES DE SERVICIO
1.0 (CM + CV Max.)
1.0 (CM + CV Inst. + Sx +0.3 Sz)
1.0 (CM + CV Inst. + Sx - 0.3 Sz)
1.0 (CM + CV Inst. - Sx + 0.3 Sz)
1.0 (CM + CV Inst. - Sx - 0.3 Sz)
1.0 (CM + CV Inst. + 0.3 Sx + Sz)
1.0 (CM + CV Inst. + 0.3 Sx - Sz)
1.0 (CM + CV Inst. - 0.3 Sx + Sz)
1.0 (CM + CV Inst.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



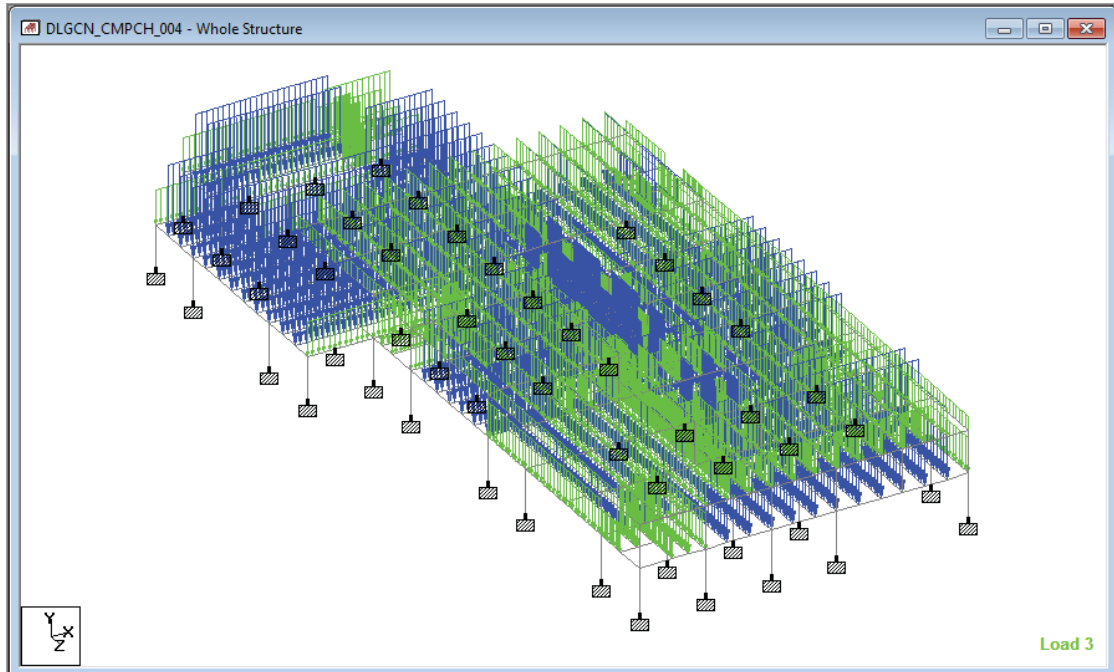
8 ANALISIS ESTRUCTURAL.



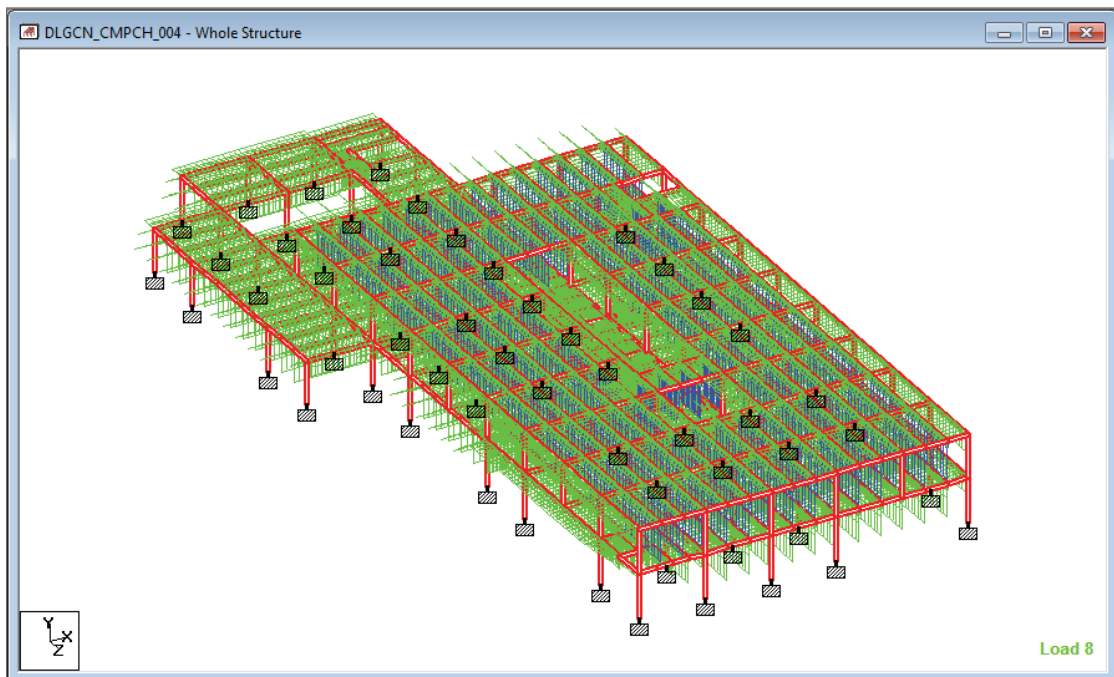
Estructuración Área de Delegación y CESI.



Carga Muerta en Área de Delegación y CESI.



Carga Viva Máxima en Área de Delegación y CESI.



Carga de Sismo en Área de Delegación y CESI.

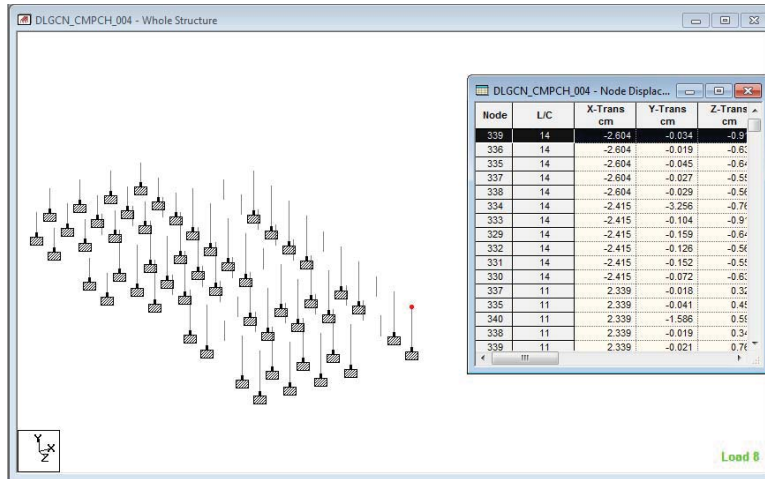


9 REVISION DE DESPLAZAMIENTOS.

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

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

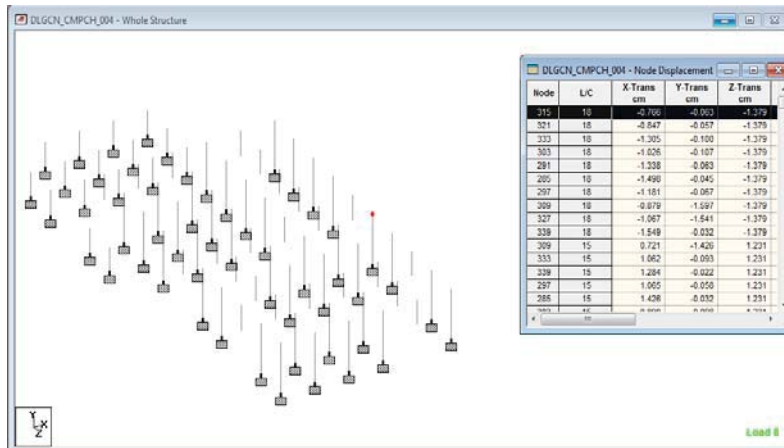
Dirección X



$$\Delta_{adm} = 0.012 \times h = 0.012 \times 795 \text{ cm} = \mathbf{9.54 \text{ cm}}$$

$$\Delta_{real} = 2.60 \text{ cm} \times 2 = \mathbf{5.20 \text{ cm}} < \Delta_{adm} ; \mathbf{O.k.}$$

Dirección Z

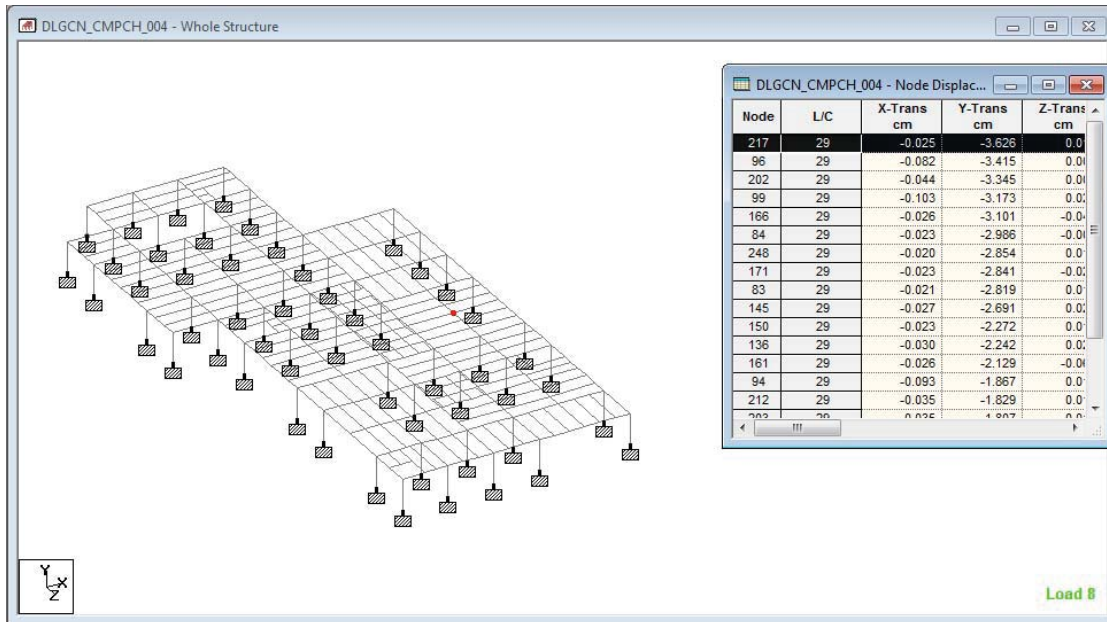


$$\Delta_{adm} = 0.012 \times h = 0.012 \times 795 \text{ cm} = \mathbf{9.54 \text{ cm}}$$

$$\Delta_{real} = 1.38 \text{ cm} \times 2 = \mathbf{2.76 \text{ cm}} < \Delta_{adm} ; \mathbf{O.k.}$$



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



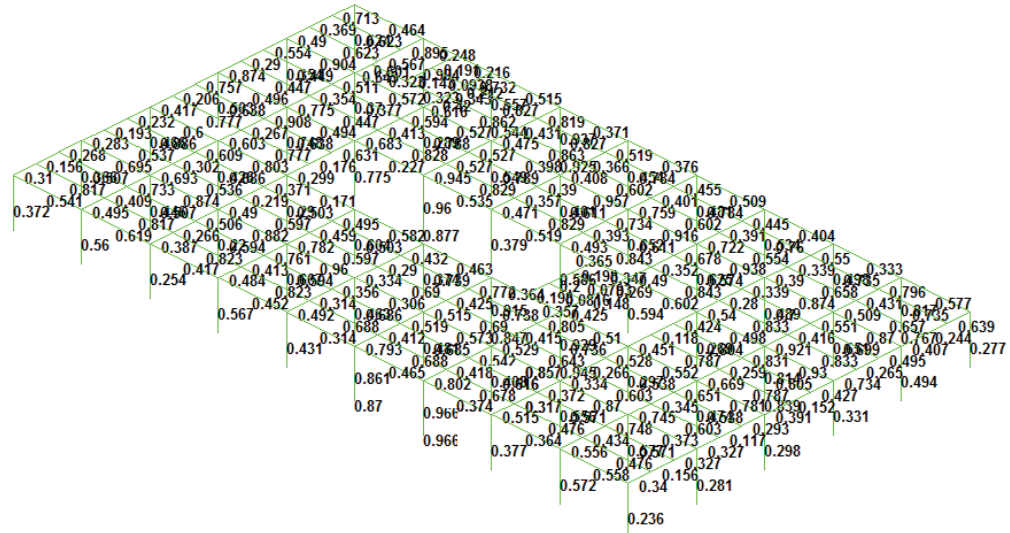
$$\Delta_{adm} = L \times 240 + 0.5 \text{ cm} = 1200 / 240 + 0.5 \text{ cm} = \mathbf{5.5 \text{ cm}}$$

$$\Delta = \mathbf{3.62 \text{ cm}} < \Delta_{adm} ; \mathbf{O.k.}$$

10 REVISION DE ESFUERZOS EN ELEMENTOS ESTRUCTURALES



Esfuerzos en columnas y vigas Nivel de Estacionamiento y Planta Baja.



Esfuerzos en columnas y vigas Nivel de Planta Alta.

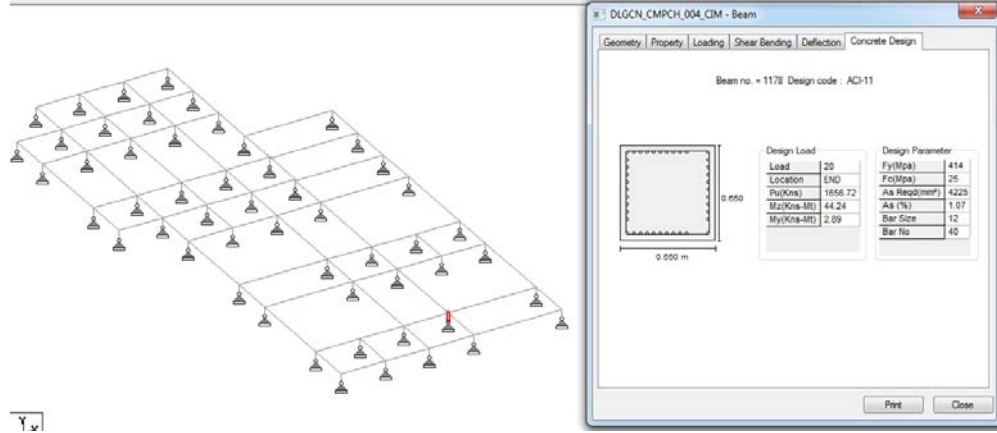
11 DISEÑO DE ELEMENTOS ESTRUCTURALES.

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



Diseño de dados de concreto.

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



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

Área de acero mínimo $A_s = 0.01bd' = 0.1 \times 4225 \text{ cm}^2 = 42.25 \text{ cm}^2$

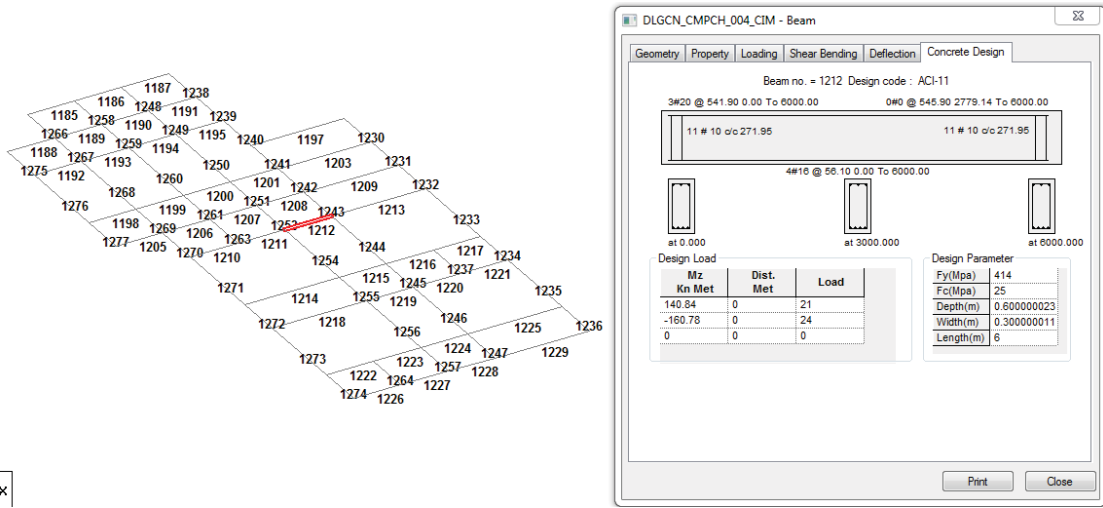
Área de dado = $65 \text{ cm} \times 65 \text{ cm} = 4225 \text{ cm}^2$

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

Acero de refuerzo propuesto:

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

Diseño de trabes de liga TL-1.





ACI 318-11 BEAM NO. 1212 DESIGN RESULTS

LEN - 6000. MM FY - 414. FC - 25. MPA, SIZE - 300. X 600. MMS

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

1	56.	4 - 16MM	0.	6000.	YES YES

CRITICAL POS MOMENT= 140.84 KN-MET AT 6000.MM, LOAD 21					
REQD STEEL= 728.MM2, RHO=0.0045, RHOMX=0.0190 RHOMN=0.0033					
MAX/MIN/ACTUAL BAR SPACING= 261./ 41./ 63. MMS					
REQD. DEVELOPMENT LENGTH = 617. MMS					

Cracked Moment of Inertia Iz at above location = 139348.9 cm⁴

Área de acero de refuerzo en el momento positivo obtenido del modelo STAAD. Pro.
As = 7.28 cm².

Ocupando varilla del # 6, área de acero necesaria = 7.28 cm² / 2.85 cm² = 2.55

Acero de refuerzo propuesto:

3 # 6, As_{prop} = 3 x 2.85 cm² = 8.55 cm² > 7.28 cm²; o.k

2	542.	3 - 20MM	0.	6000.	YES YES

CRITICAL NEG MOMENT= 160.78 KN-MET AT 6000.MM, LOAD 24					
REQD STEEL= 840.MM2, RHO=0.0052, RHOMX=0.0190 RHOMN=0.0033					
MAX/MIN/ACTUAL BAR SPACING= 261./ 45./ 92. MMS					
REQD. DEVELOPMENT LENGTH = 657. MMS					

Cracked Moment of Inertia Iz at above location = 157144.6 cm⁴

Área de acero de refuerzo en el momento negativo obtenido del modelo STAAD. Pro.
As = 8.40 cm².

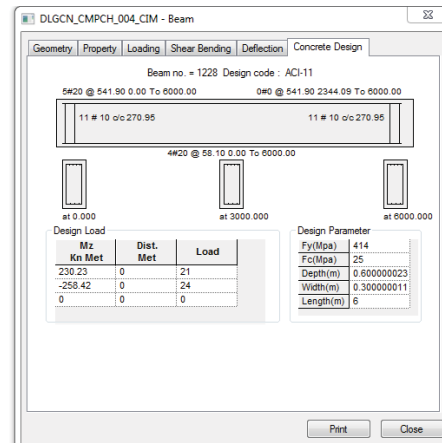
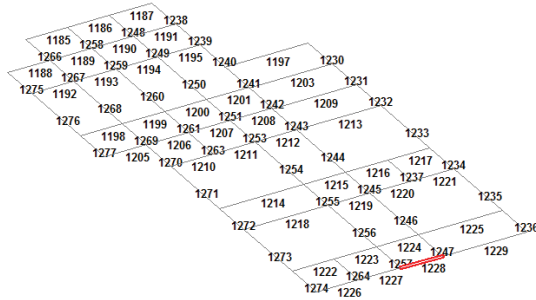
Ocupando varilla del # 6, área de acero necesaria = 8.40 cm² / 2.85 cm² = 2.94

Acero de refuerzo propuesto:

3 # 6, As_{prop} = 3 x 2.85 cm² = 8.55 cm² > 8.40 cm²; o.k



Diseño de traves de liga TL-2.



Y
X

ACI 318-11 BEAM NO. 1228 DESIGN RESULTS

LEN - 6000. MM FY - 414. FC - 25. MPA, SIZE - 300. X 600. MMS

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

1	58.	4 - 20MM	0.	6000.	YES	YES
---	-----	----------	----	-------	-----	-----

```

|-----|
| CRITICAL POS MOMENT= 230.23 KN-MET AT 6000.MM, LOAD 21 |
| REQD STEEL= 1234.MM2, RHO=0.0076, RHOMX=0.0190 RHOMN=0.0033 |
| MAX/MIN/ACTUAL BAR SPACING= 261./ 45./ 61. MMS |
| REQD. DEVELOPMENT LENGTH = 985. MMS |
|-----|
    
```

Cracked Moment of Inertia Iz at above location = 197208.3 cm⁴

Área de acero de refuerzo en el momento negativo obtenido del modelo STAAD. Pro.
As = 12.34 cm².

Ocupando varilla del # 8, área de acero necesaria = 8.40 cm² / 5.07 cm² = 2.43

Acero de refuerzo propuesto:

3 # 8, As_{prop} = 3 x 5.07 cm² = 15.21 cm² > 12.34 cm² ; o.k



```
2          542.      5 - 20MM          0.          6000.          YES YES
|-----|
| CRITICAL NEG MOMENT= 258.42 KN-MET AT 6000.MM, LOAD 24 |
| REQD STEEL= 1401.MM2, RHO=0.0086, RHOMX=0.0190 RHOMN=0.0033 |
| MAX/MIN/ACTUAL BAR SPACING= 261./ 45./ 46. MMS |
| REQD. DEVELOPMENT LENGTH = 1314. MMS |
|-----|
```

Cracked Moment of Inertia Iz at above location = 233831.8 cm⁴

Área de acero de refuerzo en el momento negativo obtenido del modelo STAAD. Pro.
As = **14.01** cm².

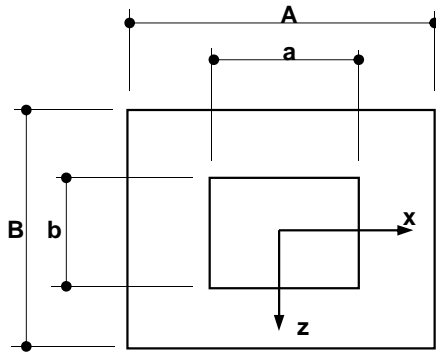
Ocupando varilla del # **8**, área de acero necesaria = 14.01 cm² / 5.07 cm² = **2.76**

Acero de refuerzo propuesto:

3 # 8 , As_{prop} = 3 x 5.07 cm² = **15.21**cm² > **14.01** cm² ; o.k

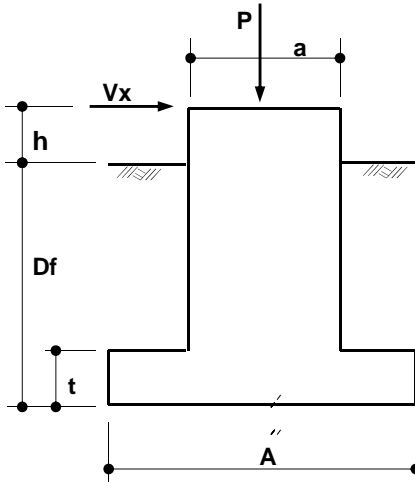
PROYECTO : CESI CAMPECHE
ELEMENTO : Z-1

GEOMETRIA DE LA ZAPATA



PLANTA DE CIMENTACIÓN

Df =	1.15	m
h =	0.00	m
t =	0.25	m
A =	2.00	m
B =	2.00	m
a =	0.65	m
b =	0.65	m
q ad =	15.00	ton/m ²
γs =	1.70	ton/m ³



ELEVACION DE CIMENTACIÓN

A =	4.00	m ²
Sx =	1.33	m ³
Sz =	1.33	m ³

REFERENCIAS

COMBINACIONES DE CARGA

REACCIONES

Nodo 15 Comb : 10

Cargas sin Factorizar

Revisión esfuerzos en el terreno

P =	16.21	ton
Mx =	-2.67	ton·m
Mz =	-0.58	ton·m
Fx =	0.35	ton
Fz =	-2.12	ton

Nodo 15 Comb : 20

Cargas Factorizadas

Diseño estructural de zapata

P =	22.69	ton
Mx =	-3.74	ton·m
Mz =	-0.81	ton·m
Fx =	0.48	ton
Fz =	-2.97	ton

REFERENCIAS

ACCIONES

Revisión esfuerzos en el terreno

P = -16.21 ton
Mx = 2.67 ton·m
Mz = 0.58 ton·m
Fx = -0.35 ton
Fz = 2.12 ton

Diseño estructural de zapata

P = -22.69 ton
Mx = 3.74 ton·m
Mz = 0.81 ton·m
Fx = -0.48 ton
Fz = 2.97 ton

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

ELEMENTOS MECÁNICOS

Revisión esfuerzos en el terreno

P = 16.21 ton
Mx = 5.11 ton·m
Mz = 0.97 ton·m
Fx = 0.35 ton
Fz = 2.12 ton

Diseño estructural de zapata

P = 22.69 ton
Mx = 7.16 ton·m
Mz = 1.36 ton·m
Fx = 0.48 ton
Fz = 2.97 ton

MOMENTO RESISTENTE

ELEMENTO	PESO (para rev. de esfuerzos)	PESO (para diseño de zapata)
DADO	0.91 ton	0.91 ton
ZAPATA	2.40 ton	2.40 ton
RELLENO	5.47 ton	5.47 ton
AXIAL (P)	16.21 ton	22.69 ton
TOTAL=	24.99 ton	31.48 ton

Mrx = 24.99 ton·m
Mrz = 24.99 ton·m

REVISIÓN CONTRA VOLTEO

En eje X

Mrx = 24.99 ton·m
Mx = 5.11 ton·m

Fvol ≤ (Mrx / Mx)

1.5 < 4.89 **Correcto**

En eje Z

Mrz = 24.99 ton·m
Mz = 0.97 ton·m

Fvol ≤ (Mrz / Mz)

1.5 < 25.66 **Correcto**

PROYECTO : CESI CAMPECHE
ELEMENTO : Z-1

REFERENCIAS

TIPO DE CASO PARA EL DIAGRAMA DE PRESIONES

$e_x = M_z / \text{Peso} = 0.04$ m
 $e_z = M_x / \text{Peso} = 0.20$ m
 $F = B/2 - e_z = 0.80$ m
 $E = A/2 - e_x = 0.96$ m
 $A = 2.00$ m
 $B = 2.00$ m
 $E/A = 0.48$ m
 $F/B = 0.40$ m

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

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

CASO I

$q_{rev} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 10.08 < 15.00$ ton/m²
 $q_{rev} < q_{ad}$ Correcto

Esfuerzo factorizado para Diseño

$q_{dis} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 12.70$

CASO II No aplica

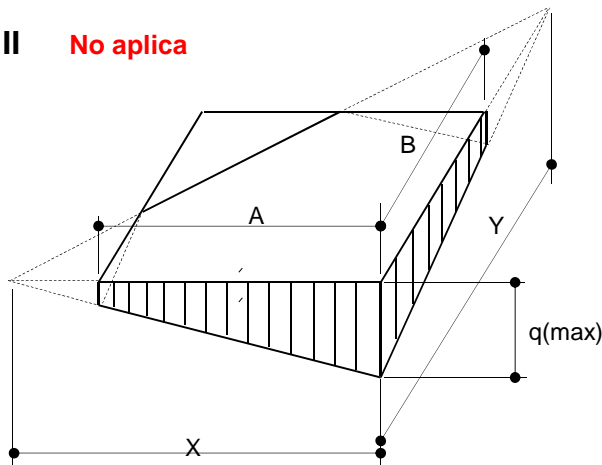


DIAGRAMA DE PRESIONES PARA CASO II FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

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

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

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

PROYECTO : CESI CAMPECHE
ELEMENTO : Z-1

REFERENCIAS

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

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

X =
Y =

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

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

CASO III

No aplica

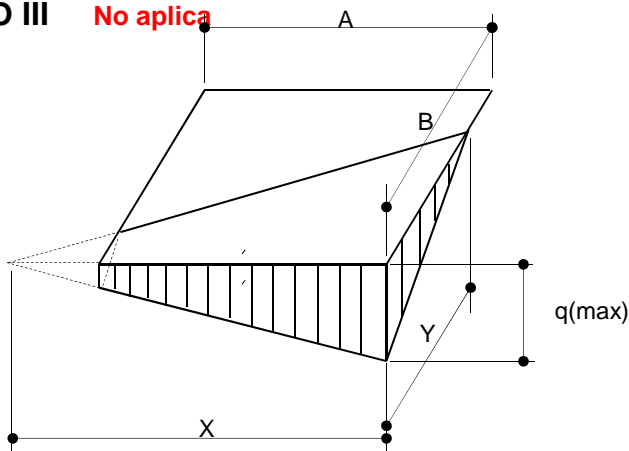


DIAGRAMA DE PRESIONES PARA CASO III FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

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

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

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

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

X =

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

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

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

REFERENCIAS

PRESIÓN DE CONTACTO CON CARGAS FACTORIZADAS

$$q \text{ dis max} = 12.70 \text{ ton/m}^2$$

DISEÑO DE LA ZAPATA

ω_1 = PESO DE LA LOSA DE LA ZAPATA =	0.60	ton/m ²
ω_2 = PESO DEL TERRENO SOBRE LA LOSA =	1.53	ton/m ²
ω = PRESION MAXIMA DE DISEÑO =	10.57	ton/m ²
L = LONGITUD DEL VOLADO DE LA ZAPATA =	0.68	m
Mu = MOMENTO ULTIMO DE DISEÑO = $\omega L^2/2$ =	2.41	ton·m
Vu = CORTANTE ULTIMO DE DISEÑO = ωl	7.13	ton

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

r = RECUBRIMIENTO DEL ACERO DE REFUERZO =	5	cm
d = PERALTE EFECTIVO DE LA LOSA =	20	cm
b = ANCHO DEL FRANJA DE LOSA =	100	cm
ϕ = FACTOR DE REDUCCION DE RESIST. A LA FLEXION =	0.90	
f'c = RESISTENCIA A LA COMPRESION DEL CONCRETO =	250	kg/cm ²
fy = LIMITE DE FLUENCIA DEL ACERO DE REFUERZO =	4200	kg/cm ²
as = AREA DE UNA VARILLA DEL No. 5 =	1.99	cm ²
Rn =	6.68861	
PORCENTAJE DE ACERO DE REFUERZO =	0.00162	%
14.5/fy (CAPITULO 10.5 DEL ACI-318) =	0.00345	%
RIGE =	0.00345	
As(min) = ACERO DE REFUERZO MINIMO POR FLEXION =	6.90	cm ² /m
VARILLAS 5 @ (ESPACIAMIENTO DE VARILLAS) =	28.82	cm
SE USARA VARILLA No. 5 @ 25 cm		

REVISIÓN POR CORTANTE COMO VIGA ANCHA

SE DEBE CUMPLIR LO SIGUIENTE:

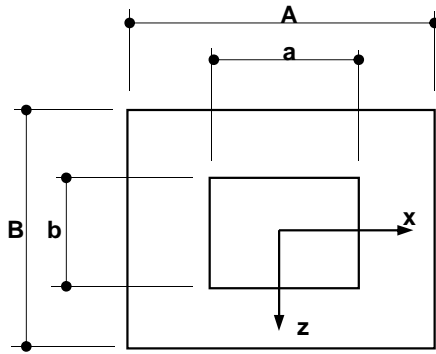
Vud >= f Vn		
Vn = Vc + Vs =		
Vs = 0 (NO SE CONSIDERA REFUERZO POR CORTANTE)	0	ton
ϕ = FACTOR DE REDUCCION DE RESIST. AL CORTANTE =	0.85	
Vc = RES. NOMINAL AL CORT. DEL CONC. = $0.55(f'_c)^{0.5}(bwd)$ =	17.39	ton
ϕVc =	14.78	ton
Vu =	7.13	ton
$\phi Vc > Vu$	Correcto	

REVISIÓN POR PENETRACIÓN

Id = LADO DEL DADO (a) = 0.65 m
Id = LADO DEL DADO (b) = 0.65 m
bo = PERIMETRO CRITICO DE FALLA = PERIM. DEL DADO+4D = 3.40 m
Vc = RESIS. NOMINAL AL CORT. DEL CONC. = $1.1(f'c)^{0.5}(bod)$ = 118 ton
Wp = CARGA MAXIMA DE PENETRACION EN LA LOSA = 24 ton
Vc > Wp **Correcto**

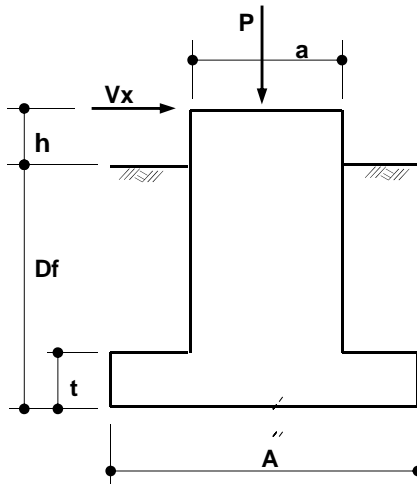
REFERENCIAS

GEOMETRIA DE LA ZAPATA



PLANTA DE CIMENTACIÓN

Df =	1.15	m
h =	0.00	m
t =	0.25	m
A =	2.60	m
B =	2.60	m
a =	0.65	m
b =	0.65	m
q ad =	15.00	ton/m ²
γs =	1.70	ton/m ³



ELEVACION DE CIMENTACIÓN

A =	6.76	m ²
Sx =	2.93	m ³
Sz =	2.93	m ³

REFERENCIAS

COMBINACIONES DE CARGA

REACCIONES

Nodo 81 Comb : 11

Cargas sin Factorizar

Revisión esfuerzos en el terreno

P =	42.72	ton
Mx =	9.05	ton·m
Mz =	10.18	ton·m
Fx =	4.39	ton
Fz =	2.71	ton

Nodo 81 Comb : 20

Cargas Factorizadas

Diseño estructural de zapata

P =	55.45	ton
Mx =	-5.42	ton·m
Mz =	0.16	ton·m
Fx =	-0.21	ton
Fz =	-4.29	ton

REFERENCIAS

ACCIONES

Revisión esfuerzos en el terreno

P = -42.72 ton
Mx = -9.05 ton·m
Mz = -10.18 ton·m
Fx = -4.39 ton
Fz = -2.71 ton

Diseño estructural de zapata

P = -55.45 ton
Mx = 5.42 ton·m
Mz = -0.16 ton·m
Fx = 0.21 ton
Fz = 4.29 ton

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

ELEMENTOS MECÁNICOS

Revisión esfuerzos en el terreno

P = 42.72 ton
Mx = 12.16 ton·m
Mz = 5.13 ton·m
Fx = 4.39 ton
Fz = 2.71 ton

Diseño estructural de zapata

P = 55.45 ton
Mx = 10.34 ton·m
Mz = 0.40 ton·m
Fx = 0.21 ton
Fz = 4.29 ton

MOMENTO RESISTENTE

ELEMENTO	PESO (para rev. de esfuerzos)	PESO (para diseño de zapata)
DADO	0.91 ton	0.91 ton
ZAPATA	4.06 ton	4.06 ton
RELLENO	9.70 ton	9.70 ton
AXIAL (P)	42.72 ton	55.45 ton
TOTAL=	57.39 ton	70.12 ton

Mrx = 74.60 ton·m
Mrz = 74.60 ton·m

REVISIÓN CONTRA VOLTEO

En eje X

Mrx = 74.60 ton·m
Mx = 12.16 ton·m

Fvol ≤ (Mrx / Mx)

1.5 < 6.13 **Correcto**

En eje Z

Mrz = 74.60 ton·m
Mz = 5.13 ton·m

Fvol ≤ (Mrz / Mz)

1.5 < 14.53 **Correcto**

REFERENCIAS

TIPO DE CASO PARA EL DIAGRAMA DE PRESIONES

$e_x = M_z / \text{Peso} =$	0.09	m
$e_z = M_x / \text{Peso} =$	0.21	m
$F = B/2 - e_z =$	1.09	m
$E = A/2 - e_x =$	1.21	m
$A =$	2.60	m
$B =$	2.60	m
$E/A =$	0.47	m
$F/B =$	0.42	m

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

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

CASO I

$$q_{rev} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 12.64 < 15.00 \text{ ton/m}^2$$

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

Esfuerzo factorizado para Diseño

$$q_{dis} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 15.45$$

CASO II No aplica

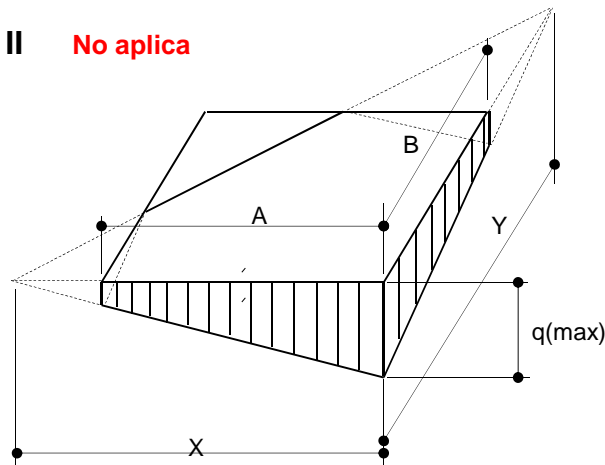


DIAGRAMA DE PRESIONES PARA CASO II FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

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

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

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

REFERENCIAS

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

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

X =

Y =

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

Esfuerzo factorizado para Diseño

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

CASO III No aplica

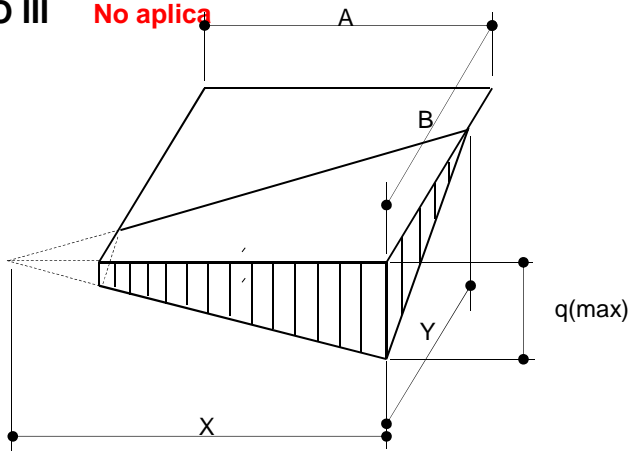


DIAGRAMA DE PRESIONES PARA CASO III FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

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

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

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

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

X =

Y =

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

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

Esfuerzo factorizado para Diseño

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

REFERENCIAS

PRESIÓN DE CONTACTO CON CARGAS FACTORIZADAS

$$q \text{ dis max} = 15.45 \text{ ton/m}^2$$

DISEÑO DE LA ZAPATA

ω_1 = PESO DE LA LOSA DE LA ZAPATA =	0.60	ton/m ²
ω_2 = PESO DEL TERRENO SOBRE LA LOSA =	1.53	ton/m ²
ω = PRESION MAXIMA DE DISEÑO =	13.32	ton/m ²
L = LONGITUD DEL VOLADO DE LA ZAPATA =	0.98	m
Mu = MOMENTO ULTIMO DE DISEÑO = $\omega L^2/2$ =	6.33	ton·m
Vu = CORTANTE ULTIMO DE DISEÑO = ωl	12.98	ton

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

r = RECUBRIMIENTO DEL ACERO DE REFUERZO =	5	cm
d = PERALTE EFECTIVO DE LA LOSA =	20	cm
b = ANCHO DEL FRANJA DE LOSA =	100	cm
ϕ = FACTOR DE REDUCCION DE RESIST. A LA FLEXION =	0.90	
f'c = RESISTENCIA A LA COMPRESION DEL CONCRETO =	250	kg/cm ²
fy = LIMITE DE FLUENCIA DEL ACERO DE REFUERZO =	4200	kg/cm ²
as = AREA DE UNA VARILLA DEL No. 5 =	1.99	cm ²
Rn =	17.58042	
PORCENTAJE DE ACERO DE REFUERZO =	0.00437	%
14.5/fy (CAPITULO 10.5 DEL ACI-318) =	0.00345	%
RIGE =	0.00437	
As(min) = ACERO DE REFUERZO MINIMO POR FLEXION =	8.75	cm ² /m
VARILLAS 5 @ (ESPACIAMIENTO DE VARILLAS) =	22.74	cm
SE USARA VARILLA No. 5 @ 20 cm		

REVISIÓN POR CORTANTE COMO VIGA ANCHA

SE DEBE CUMPLIR LO SIGUIENTE:

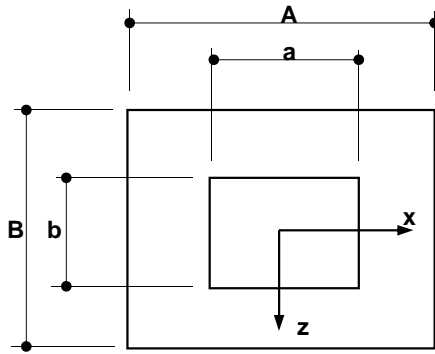
Vud >= f Vn		
Vn = Vc + Vs =		
Vs = 0 (NO SE CONSIDERA REFUERZO POR CORTANTE)	0	ton
ϕ = FACTOR DE REDUCCION DE RESIST. AL CORTANTE =	0.85	
Vc = RES. NOMINAL AL CORT. DEL CONC. = $0.55(f'c)^{0.5}(bwd)$ =	17.39	ton
ϕVc =	14.78	ton
Vu =	12.98	ton
$\phi Vc > Vu$	Correcto	

REVISIÓN POR PENETRACIÓN

Id = LADO DEL DADO (a) = 0.65 m
Id = LADO DEL DADO (b) = 0.65 m
bo = PERIMETRO CRITICO DE FALLA = PERIM. DEL DADO+4D = 3.40 m
Vc = RESIS. NOMINAL AL CORT. DEL CONC. = $1.1(f'c)^{0.5}(bod)$ = 118 ton
Wp = CARGA MAXIMA DE PENETRACION EN LA LOSA = 61 ton
Vc > Wp **Correcto**

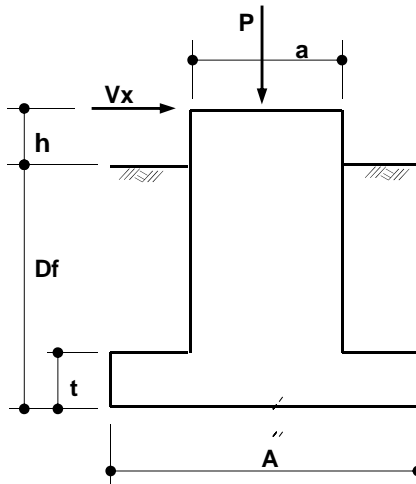
REFERENCIAS

GEOMETRIA DE LA ZAPATA



PLANTA DE CIMENTACIÓN

Df =	1.15	m
h =	0.00	m
t =	0.30	m
A =	3.00	m
B =	3.00	m
a =	0.65	m
b =	0.65	m
q ad =	15.00	ton/m ²
γs =	1.70	ton/m ³



ELEVACION DE CIMENTACIÓN

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

REFERENCIAS

COMBINACIONES DE CARGA

REACCIONES

Nodo 73 Comb : 10

Cargas sin Factorizar

Revisión esfuerzos en el terreno

P =	73.54	ton
Mx =	-3.14	ton·m
Mz =	-12.34	ton·m
Fx =	9.93	ton
Fz =	-2.29	ton

Nodo 73 Comb : 20

Cargas Factorizadas

Diseño estructural de zapata

P =	102.96	ton
Mx =	-4.39	ton·m
Mz =	-17.28	ton·m
Fx =	13.91	ton
Fz =	-3.21	ton

REFERENCIAS

ACCIONES

Revisión esfuerzos en el terreno

P = -73.54 ton
 Mx = 3.14 ton·m
 Mz = 12.34 ton·m
 Fx = -9.93 ton
 Fz = 2.29 ton

Diseño estructural de zapata

P = -102.96 ton
 Mx = 4.39 ton·m
 Mz = 17.28 ton·m
 Fx = -13.91 ton
 Fz = 3.21 ton

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

ELEMENTOS MECÁNICOS

Revisión esfuerzos en el terreno

P = 73.54 ton
 Mx = 5.77 ton·m
 Mz = 23.77 ton·m
 Fx = 9.93 ton
 Fz = 2.29 ton

Diseño estructural de zapata

P = 102.96 ton
 Mx = 8.08 ton·m
 Mz = 33.27 ton·m
 Fx = 13.91 ton
 Fz = 3.21 ton

MOMENTO RESISTENTE

ELEMENTO	PESO (para rev. de esfuerzos)	PESO (para diseño de zapata)
DADO	0.86 ton	0.86 ton
ZAPATA	6.48 ton	6.48 ton
RELLENO	12.39 ton	12.39 ton
AXIAL (P)	73.54 ton	102.96 ton
TOTAL=	93.28 ton	122.70 ton

Mrx = 139.92 ton·m
 Mrz = 139.92 ton·m

REVISIÓN CONTRA VOLTEO

En eje X

Mrx = 139.92 ton·m
 Mx = 5.77 ton·m

Fvol ≤ (Mrx / Mx)

1.5 < 24.25 **Correcto**

En eje Z

Mrz = 139.92 ton·m
 Mz = 23.77 ton·m

Fvol ≤ (Mrz / Mz)

1.5 < 5.89 **Correcto**

REFERENCIAS

TIPO DE CASO PARA EL DIAGRAMA DE PRESIONES

$e_x = M_z / \text{Peso} = 0.25$ m
 $e_z = M_x / \text{Peso} = 0.06$ m
 $F = B/2 - e_z = 1.44$ m
 $E = A/2 - e_x = 1.25$ m
 $A = 3.00$ m
 $B = 3.00$ m
 $E/A = 0.42$ m
 $F/B = 0.48$ m

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

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

CASO I

$q_{rev} = \frac{\text{Peso}}{AB} (1 + \frac{6ez}{B}) = 11.65 < 15.00$ ton/m²
 $q_{rev} < q_{ad}$ Correcto

Esfuerzo factorizado para Diseño

$q_{dis} = \frac{\text{Peso}}{AB} (1 + \frac{6ez}{B}) = 15.32$

CASO II No aplica

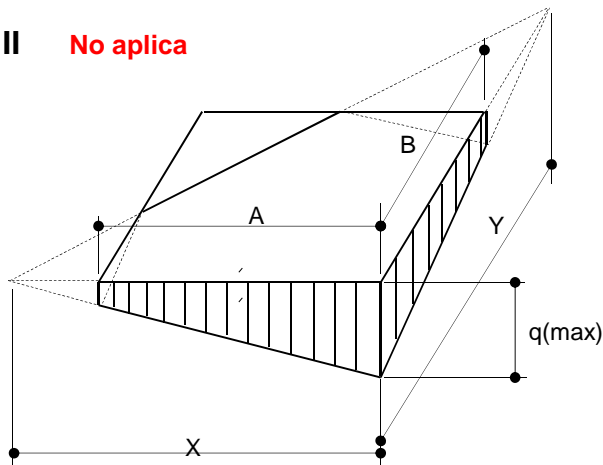


DIAGRAMA DE PRESIONES PARA CASO II FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

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

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

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

REFERENCIAS

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

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

X =

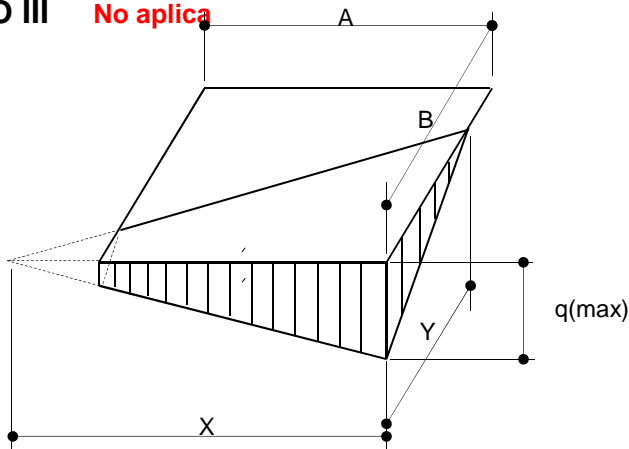
Y =

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

Esfuerzo factorizado para Diseño

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

CASO III No aplica



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

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

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

X =

Y =

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

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

Esfuerzo factorizado para Diseño

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

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

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

REFERENCIAS

PRESIÓN DE CONTACTO CON CARGAS FACTORIZADAS

$$q \text{ dis max} = 15.32 \text{ ton/m}^2$$

DISEÑO DE LA ZAPATA

ω_1 = PESO DE LA LOSA DE LA ZAPATA =	0.72	ton/m ²
ω_2 = PESO DEL TERRENO SOBRE LA LOSA =	1.45	ton/m ²
ω = PRESION MAXIMA DE DISEÑO =	13.15	ton/m ²
L = LONGITUD DEL VOLADO DE LA ZAPATA =	1.18	m
Mu = MOMENTO ULTIMO DE DISEÑO = $\omega L^2/2$ =	9.08	ton·m
Vu = CORTANTE ULTIMO DE DISEÑO = ωl	15.46	ton

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

r = RECUBRIMIENTO DEL ACERO DE REFUERZO =	5	cm
d = PERALTE EFECTIVO DE LA LOSA =	25	cm
b = ANCHO DEL FRANJA DE LOSA =	100	cm
ϕ = FACTOR DE REDUCCION DE RESIST. A LA FLEXION =	0.90	
f'c = RESISTENCIA A LA COMPRESION DEL CONCRETO =	250	kg/cm ²
fy = LIMITE DE FLUENCIA DEL ACERO DE REFUERZO =	4200	kg/cm ²
as = AREA DE UNA VARILLA DEL No. 6 =	2.84	cm ²
Rn =	16.14379	
PORCENTAJE DE ACERO DE REFUERZO =	0.00400	%
14.5/fy (CAPITULO 10.5 DEL ACI-318) =	0.00345	%
RIGE =	0.00400	
As(min) = ACERO DE REFUERZO MINIMO POR FLEXION =	10.01	cm ² /m
VARILLAS 6 @ (ESPACIAMIENTO DE VARILLAS) =	28.39	cm
SE USARA VARILLA No. 6 @ 25 cm		

REVISIÓN POR CORTANTE COMO VIGA ANCHA

SE DEBE CUMPLIR LO SIGUIENTE:

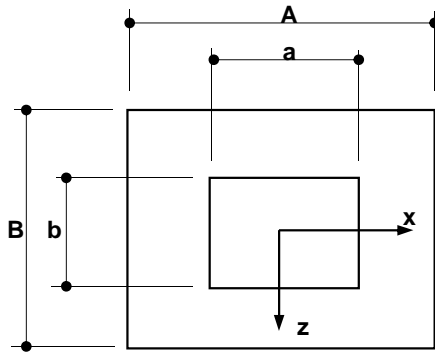
Vud >= f Vn		
Vn = Vc + Vs =		
Vs = 0 (NO SE CONSIDERA REFUERZO POR CORTANTE)	0	ton
ϕ = FACTOR DE REDUCCION DE RESIST. AL CORTANTE =	0.85	
Vc = RES. NOMINAL AL CORT. DEL CONC. = $0.55(f'_c)^{0.5}(bwd)$ =	21.74	ton
ϕVc =	18.48	ton
Vu =	15.46	ton
$\phi Vc > Vu$	Correcto	

REVISIÓN POR PENETRACIÓN

Id = LADO DEL DADO (a) =	0.65	m
Id = LADO DEL DADO (b) =	0.65	m
bo = PERIMETRO CRITICO DE FALLA = PERIM. DEL DADO+4D =	3.60	m
Vc = RESIS. NOMINAL AL CORT. DEL CONC. = $1.1(f'c)^{0.5}(bod)$ =	157	ton
Wp = CARGA MAXIMA DE PENETRACION EN LA LOSA =	104	ton
Vc > Wp	Correcto	

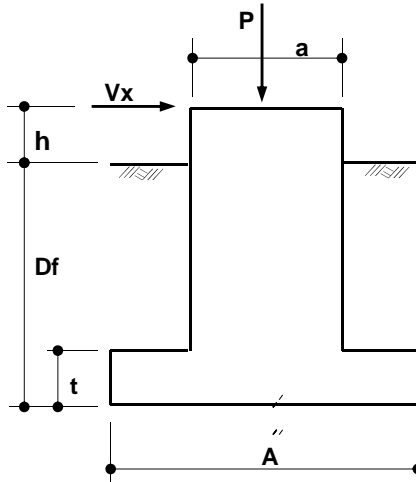
REFERENCIAS

GEOMETRIA DE LA ZAPATA



PLANTA DE CIMENTACIÓN

Df =	1.15	m
h =	0.00	m
t =	0.45	m
A =	3.60	m
B =	3.60	m
a =	0.65	m
b =	0.65	m
q ad =	15.00	ton/m ²
γs =	1.70	ton/m ³



ELEVACION DE CIMENTACIÓN

A =	12.96	m ²
Sx =	7.78	m ³
Sz =	7.78	m ³

REFERENCIAS

COMBINACIONES DE CARGA

REACCIONES

Nodo 105 Comb : 10

Cargas sin Factorizar

Revisión esfuerzos en el terreno

P =	115.70	ton
Mx =	-4.48	ton·m
Mz =	-7.83	ton·m
Fx =	6.26	ton
Fz =	-3.32	ton

Nodo 105 Comb : 20

Cargas Factorizadas

Diseño estructural de zapata

P =	161.98	ton
Mx =	-6.27	ton·m
Mz =	-10.96	ton·m
Fx =	8.77	ton
Fz =	-4.65	ton

REFERENCIAS

ACCIONES

Revisión esfuerzos en el terreno

P = -115.70 ton
Mx = 4.48 ton·m
Mz = 7.83 ton·m
Fx = -6.26 ton
Fz = 3.32 ton

Diseño estructural de zapata

P = -161.98 ton
Mx = 6.27 ton·m
Mz = 10.96 ton·m
Fx = -8.77 ton
Fz = 4.65 ton

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

ELEMENTOS MECÁNICOS

Revisión esfuerzos en el terreno

P = 115.70 ton
Mx = 8.30 ton·m
Mz = 15.03 ton·m
Fx = 6.26 ton
Fz = 3.32 ton

Diseño estructural de zapata

P = 161.98 ton
Mx = 11.62 ton·m
Mz = 21.05 ton·m
Fx = 8.77 ton
Fz = 4.65 ton

MOMENTO RESISTENTE

ELEMENTO	PESO (para rev. de esfuerzos)	PESO (para diseño de zapata)
DADO	0.71 ton	0.71 ton
ZAPATA	14.00 ton	14.00 ton
RELLENO	14.92 ton	14.92 ton
AXIAL (P)	115.70 ton	161.98 ton
TOTAL=	145.33 ton	191.61 ton

Mrx = 261.59 ton·m
Mrz = 261.59 ton·m

REVISIÓN CONTRA VOLTEO

En eje X

Mrx = 261.59 ton·m
Mx = 8.30 ton·m

Fvol ≤ (Mrx / Mx)

1.5 < 31.52 **Correcto**

En eje Z

Mrz = 261.59 ton·m
Mz = 15.03 ton·m

Fvol ≤ (Mrz / Mz)

1.5 < 17.41 **Correcto**

PROYECTO : CESI CAMPECHE
ELEMENTO : Z-4

REFERENCIAS

TIPO DE CASO PARA EL DIAGRAMA DE PRESIONES

$e_x = M_z / \text{Peso} = 0.10$ m
 $e_z = M_x / \text{Peso} = 0.06$ m
 $F = B/2 - e_z = 1.74$ m
 $E = A/2 - e_x = 1.70$ m
 $A = 3.60$ m
 $B = 3.60$ m
 $E/A = 0.47$ m
 $F/B = 0.48$ m

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

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

CASO I

$q_{rev} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 12.28 < 15.00$ ton/m²
 $q_{rev} < q_{ad}$ Correcto

Esfuerzo factorizado para Diseño

$q_{dis} = \frac{\text{Peso}}{AB} (1 + \frac{6e_z}{B}) = 16.19$

CASO II No aplica

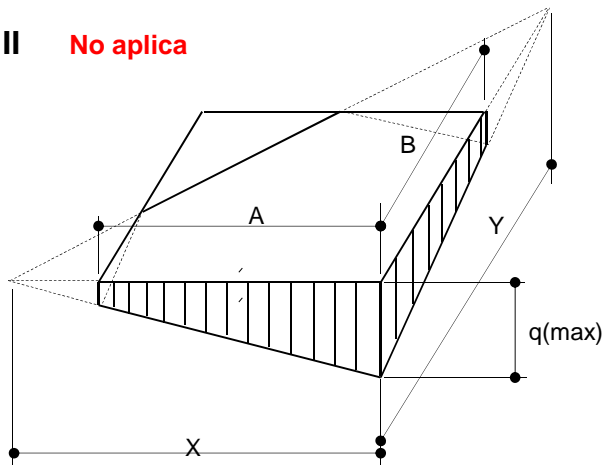


DIAGRAMA DE PRESIONES PARA CASO II FIG. 8-19B DEL LIBRO "FOUNDATIONS OF STRUCTURES" DE CLARENCE W. DUNHAM

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

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

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

REFERENCIAS

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

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

X =

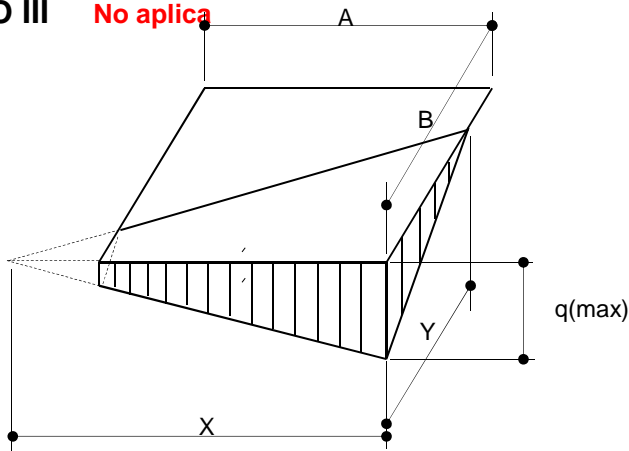
Y =

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

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

CASO III

No aplica



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

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

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

X =

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

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

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

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

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

REFERENCIAS

PRESIÓN DE CONTACTO CON CARGAS FACTORIZADAS

$$q \text{ dis max} = 16.19 \text{ ton/m}^2$$

DISEÑO DE LA ZAPATA

ω_1 = PESO DE LA LOSA DE LA ZAPATA =	1.08	ton/m ²
ω_2 = PESO DEL TERRENO SOBRE LA LOSA =	1.19	ton/m ²
ω = PRESION MAXIMA DE DISEÑO =	13.92	ton/m ²
L = LONGITUD DEL VOLADO DE LA ZAPATA =	1.48	m
Mu = MOMENTO ULTIMO DE DISEÑO = $\omega L^2/2$ =	15.14	ton·m
Vu = CORTANTE ULTIMO DE DISEÑO = ωl	20.53	ton

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

r = RECUBRIMIENTO DEL ACERO DE REFUERZO =	5	cm
d = PERALTE EFECTIVO DE LA LOSA =	40	cm
b = ANCHO DEL FRANJA DE LOSA =	100	cm
ϕ = FACTOR DE REDUCCION DE RESIST. A LA FLEXION =	0.90	
f'c = RESISTENCIA A LA COMPRESION DEL CONCRETO =	250	kg/cm ²
fy = LIMITE DE FLUENCIA DELACERO DE REFUERZO =	4200	kg/cm ²
as = AREA DE UNA VARILA DEL No. 6 =	2.84	cm ²
Rn =	10.51657	
PORCENTAJE DE ACERO DE REFUERZO =	0.00257	%
14.5/fy (CAPITULO 10.5 DEL ACI-318) =	0.00345	%
RIGE =	0.00345	
As(min) = ACERO DE REFUERZO MINIMO POR FLEXION =	13.81	cm ² /m
VARILLAS 6 @ (ESPACIAMIENTO DE VARILLAS) =	20.57	cm
SE USARA VARILLA No. 6 @ 20 cm		

REVISIÓN POR CORTANTE COMO VIGA ANCHA

SE DEBE CUMPLIR LO SIGUIENTE:

Vud >= f Vn		
Vn = Vc + Vs =		
Vs = 0 (NO SE CONSIDERA REFUERZO POR CORTANTE)	0	ton
ϕ = FACTOR DE REDUCCION DE RESIST. AL CORTANTE =	0.85	
Vc = RES. NOMINAL AL CORT. DEL CONC. = $0.55(f'_c)^{0.5}(bwd)$ =	34.79	ton
ϕVc =	29.57	ton
Vu =	20.53	ton
$\phi Vc > Vu$	Correcto	

REVISIÓN POR PENETRACIÓN

Id = LADO DEL DADO (a) = 0.65 m
Id = LADO DEL DADO (b) = 0.65 m
bo = PERIMETRO CRITICO DE FALLA = PERIM. DEL DADO+4D = 4.20 m
Vc = RESIS. NOMINAL AL CORT. DEL CONC. = $1.1(f'c)^{0.5}(bod)$ = 292 ton
Wp = CARGA MAXIMA DE PENETRACION EN LA LOSA = 163 ton
Vc > Wp **Correcto**

REFERENCIAS



ANEXO 1

EDIFICIO DE DELEGACION

```

*****
*
*          STAAD.Pro V8i SELECTseries6          *
*          Version  20.07.11.45                  *
*          Proprietary Program of                *
*          Bentley Systems, Inc.                 *
*          Date=    MAR 16, 2018                 *
*          Time=    13:56:43                     *
*
*          USER ID: Personal                      *
*****
    
```

1. STAAD SPACE

INPUT FILE: C:\Users\GLR\Documents\TRABAJO\CESI INFONAVIT\CAMPECHE\ANALISIS\MODELO 2\DLGCN_CMPCH_004.STD

- 2. START JOB INFORMATION
- 3. ENGINEER DATE 12-DEC-17
- 4. END JOB INFORMATION
- 5. INPUT WIDTH 79
- 6. UNIT METER MTON
- 7. JOINT COORDINATES

```

8. 1 6 -0.1 0; 2 12 -0.1 0; 3 6 3.8 0; 4 12 3.8 0; 5 18 -0.1 0; 6 18 3.8 0
9. 7 24 -0.1 0; 8 24 3.8 0; 9 0 -0.1 6; 10 6 -0.1 6; 11 0 3.8 6; 12 6 3.8 6
10. 13 12 -0.1 6; 14 12 3.8 6; 15 18 -0.1 6; 16 18 3.8 6; 17 24 -0.1 6
11. 18 24 3.8 6; 19 0 -0.1 12; 20 6 -0.1 12; 21 0 3.8 12; 22 6 3.8 12
12. 23 12 -0.1 12; 24 12 3.8 12; 25 18 -0.1 12; 26 18 3.8 12; 27 24 -0.1 12
13. 28 24 3.8 12; 29 24 -0.1 18; 30 24 3.8 18; 31 0 -0.1 24; 32 6 -0.1 24
14. 33 0 3.8 24; 34 6 3.8 24; 35 12 -0.1 24; 36 12 3.8 24; 37 18 -0.1 24
15. 38 18 3.8 24; 39 24 -0.1 24; 40 24 3.8 24; 43 36 -0.25 18; 44 36 3.8 18
16. 45 36 -0.25 24; 46 36 3.8 24; 47 0 -0.1 30; 48 6 -0.1 30; 49 0 3.8 30
17. 50 6 3.8 30; 51 12 -0.1 30; 52 12 3.8 30; 53 18 -0.1 30; 54 18 3.8 30
18. 55 24 -0.1 30; 56 24 3.8 30; 57 36 -0.25 30; 58 36 3.8 30; 59 6 -0.25 36
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20. 65 24 -0.25 36; 66 24 3.8 36; 67 36 -0.25 36; 68 36 3.8 36; 70 6 3.8 42
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22. 77 24 -0.25 48; 78 24 3.8 48; 81 36 -0.25 48; 82 36 3.8 48; 83 12 3.8 48
23. 84 30 3.8 36; 85 6 -0.25 54; 86 6 3.8 54; 87 36 -0.25 54; 88 36 3.8 54
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26. 104 18 3.8 66; 105 24 -0.25 66; 106 24 3.8 66; 108 30 3.8 66; 109 36 -0.25 66
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28. 115 24 -0.25 72; 116 24 3.8 72; 118 30 3.8 72; 119 36 -0.25 72; 120 36 3.8 72
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30. 126 18 3.8 4; 127 0 3.8 8; 128 0 3.8 10; 129 6 3.8 8; 130 6 3.8 10
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32. 136 6 3.8 18; 137 0 3.8 14; 138 0 3.8 16; 139 6 3.8 14; 140 6 3.8 16
33. 141 0 3.8 20; 142 0 3.8 22; 143 6 3.8 20; 144 6 3.8 22; 145 12 3.8 18
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35. 151 18 3.8 14; 152 18 3.8 16; 153 18 3.8 20; 154 18 3.8 22; 155 24 3.8 14
36. 156 24 3.8 16; 157 24 3.8 20; 158 24 3.8 22; 159 26 3.8 18; 160 28 3.8 18
37. 161 30 3.8 18; 162 32 3.8 18; 163 34 3.8 18; 164 26 3.8 24; 165 28 3.8 24
38. 166 30 3.8 24; 167 32 3.8 24; 168 34 3.8 24; 169 26 3.8 30; 170 28 3.8 30
    
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39. 171 30 3.8 30; 172 32 3.8 30; 173 34 3.8 30; 174 26 3.8 36; 175 28 3.8 36
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43. 193 18 3.8 34; 194 24 3.8 32; 195 24 3.8 34; 196 6 3.8 38; 197 6 3.8 40
44. 198 12 3.8 38; 199 12 3.8 40; 200 18 3.8 38; 201 18 3.8 40; 202 12 3.8 42
45. 203 18 3.8 42; 204 6 3.8 44; 205 12 3.8 44; 206 18 3.8 44; 207 6 3.8 46
46. 208 12 3.8 46; 209 18 3.8 46; 210 24 3.8 38; 211 24 3.8 40; 212 24 3.8 42
47. 213 24 3.8 44; 214 24 3.8 46; 215 30 3.8 38; 216 30 3.8 40; 217 30 3.8 42
48. 218 30 3.8 44; 219 30 3.8 46; 220 36 3.8 38; 221 36 3.8 40; 222 36 3.8 44
49. 223 36 3.8 46; 224 18 3.8 50; 225 18 3.8 52; 226 18 3.8 56; 227 18 3.8 58
50. 228 24 3.8 50; 229 24 3.8 52; 230 24 3.8 54; 231 24 3.8 56; 232 24 3.8 58
51. 233 30 3.8 50; 234 30 3.8 52; 235 30 3.8 54; 236 30 3.8 56; 237 30 3.8 58
52. 238 36 3.8 50; 239 36 3.8 52; 242 14 3.8 48; 243 16 3.8 48; 244 8 3.8 48
53. 245 10 3.8 48; 246 16 3.8 54; 247 14 3.8 54; 248 12 3.8 54; 249 10 3.8 54
54. 250 8 3.8 54; 251 16 3.8 60; 252 14 3.8 60; 253 10 3.8 60; 254 8 3.8 60
55. 255 16 3.8 66; 256 14 3.8 66; 257 12 3.8 66; 258 10 3.8 66; 259 8 3.8 66
56. 260 16 3.8 72; 261 14 3.8 72; 262 12 3.8 72; 263 10.5 3.8 72; 264 7.5 3.8 72
57. 265 18 3.8 62; 266 18 3.8 64; 267 24 3.8 62; 268 24 3.8 64; 269 30 3.8 62
58. 270 30 3.8 64; 271 36 3.8 62; 272 36 3.8 64; 281 24 7.7 18; 282 6 7.7 18
59. 283 12 7.7 18; 284 18 7.7 18; 285 36 7.7 18; 286 30 7.7 18; 287 24 7.7 24
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283. JOINT
284. GEOMETRY
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290. DEFINE MATERIAL START
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292. E 2.03889E+007
293. POISSON 0.3
294. DENSITY 7.83337
295. ALPHA 6E-006
296. DAMP 0.03
297. TYPE STEEL
298. STRENGTH FY 35150 FU 45700 RY 1.5 RT 1.2
299. G 7.8419E+006
300. ISOTROPIC CONCRETE
301. E 2.21466E+006
302. POISSON 0.17
303. DENSITY 2.40814
304. ALPHA 5E-006
305. DAMP 0.05
306. TYPE CONCRETE
307. STRENGTH FCU 2812.27
308. END DEFINE MATERIAL
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339. 604 TO 607 610 613 TO 615 620 TABLE ST W16X36
340. 563 564 573 580 TO 582 589 TO 591 599 608 609 TABLE ST W16X67
341. 456 TO 460 467 TO 469 471 478 TO 480 489 490 500 501 503 504 514 515 -
342. 524 TO 526 533 TO 537 544 TO 546 555 TO 559 617 628 TO 631 634 TO 637 640 -
343. 641 TO 643 646 647 652 TO 655 658 TO 663 674 TO 677 692 TO 699 712 TO 715 -
344. 728 TO 731 740 742 744 TO 747 752 753 756 757 760 761 764 TO 769 784 TO 792 -
345. 793 TABLE ST W16X36
346. MEMBER PROPERTY AMERICAN
347. 44 492 678 679 TABLE ST W16X57
348. 383 TABLE TC W21X83 WP 0.18 TH 0.01
349. 84 103 107 109 139 140 252 TO 255 348 349 353 354 379 TO 382 422 424 -
350. 1113 TABLE ST W21X93
351. 131 352 423 425 TABLE ST W21X93
352. * WP 0.18 TH 0.01
353. 68 81 83 92 93 111 136 138 150 152 477 486 488 505 507 516 518 541 543 552 -
354. 554 987 1114 TO 1131 TABLE ST W14X99
355. 386 388 390 392 398 400 401 410 411 1019 1020 1023 1024 1029 1030 1035 1036 -
356. 1049 1050 1053 TO 1058 1071 1072 1075 TO 1080 1097 1098 1101 TO 1105 -
357. 1106 TABLE ST W14X34
358. 67 291 292 322 323 325 326 367 368 1011 1012 1015 TO 1018 1025 1027 1028 1031 -
359. 1033 1034 1039 TO 1042 1044 1045 1047 1048 1061 TO 1064 1066 1067 1069 1070 -
360. 1087 TO 1090 1092 1093 1095 1096 TABLE ST W18X60
361. 1021 1022 1051 1052 1073 1074 1099 1100 TABLE ST W8X40
362. 481 482 493 511 512 522 523 547 548 560 566 567 569 572 576 TO 578 584 585 -
363. 593 594 600 602 611 612 618 624 648 649 664 665 686 TO 689 708 TO 711 724 -
364. 725 TO 727 770 TO 773 969 TABLE ST W16X67
365. 407 408 417 418 633 638 667 668 681 682 701 702 721 737 759 774 TO 777 794 -
366. 795 TO 797 TABLE ST W14X43
367. 108 110 141 295 296 303 308 313 327 TO 330 357 TO 359 409 426 427 829 831 -
368. 836 1109 TABLE ST W18X86
369. 237 384 397 399 683 703 722 738 762 TABLE ST W14X43
370. *477 486 488 505 507 516 518 541 543 1114 TO 1121 -
371. *1122 TABLE TB W14X109 WP 0.33 TH 0.008 BW 0.35 BT 0.013
372. CONSTANTS
373. BETA 90 MEMB 1 2 4 6 8 9 11 13 15 21 22 24 26 28 35 TO 37 39 41 43 52 53 59 -
374. 60 62 64 66 76 77 79 94 96 112 133 135 147 149 450 TO 455 461 TO 466 472 -

375. 473 TO 476 483 TO 485 487 494 TO 499 506 508 510 517 519 TO 521 527 TO 532 -
376. 538 TO 540 542 549 TO 551 553 980 981 988 989 1107 1108
377. *BETA 90 MEMB 1 2 4 6 8 9 11 13 15 21 22 24 26 28 35 TO 37 39 41 43 59 60 62 -
378. *64 66 461 TO 464 472 TO 475
379. MATERIAL STEEL ALL
380. MEMBER RELEASE
381. 124 126 127 165 166 169 170 175 176 181 182 189 TO 191 196 197 203 TO 207 -
382. 213 TO 217 222 TO 226 271 TO 278 287 289 TO 292 299 TO 302 305 306 310 311 -
383. 315 316 322 TO 326 332 TO 336 341 TO 345 364 365 367 TO 370 372 TO 375 377 -
384. 378 430 TO 435 616 622 806 809 825 828 838 847 992 START MZ
385. 126 127 165 166 169 170 175 176 181 182 189 TO 191 196 197 203 TO 207 213 -
386. 214 TO 217 222 TO 226 271 TO 278 289 290 299 TO 302 305 306 310 311 315 316 -
387. 332 TO 336 341 TO 345 364 365 369 370 372 TO 375 378 393 430 TO 435 623 627 -
388. 809 810 819 825 828 833 838 848 992 1033 1034 1046 TO 1048 1069 1070 1094 -
389. 1095 TO 1096 END MZ
390. 108 110 125 155 233 235 237 239 241 247 TO 251 256 TO 260 357 384 386 388 -
391. 390 392 397 TO 401 407 TO 411 417 418 420 421 812 821 835 849 997 998 1003 -
392. 1004 1009 1010 1019 TO 1024 1029 1030 1035 1036 1049 TO 1058 1071 TO 1080 -
393. 1097 TO 1106 START MX
394. 155 233 235 237 239 241 247 TO 251 256 TO 260 313 384 386 390 392 397 TO 401 -
395. 407 TO 411 417 418 420 427 826 837 846 849 991 997 998 1003 1004 1009 1010 -
396. 1019 TO 1024 1029 1030 1035 1036 1049 TO 1058 1071 TO 1080 1097 TO 1106 -
397. 1109 END MX
398. 619 625 632 633 638 639 644 645 650 651 656 657 666 TO 673 680 TO 685 690 -
399. 691 700 TO 707 716 TO 723 732 TO 736 738 739 741 743 748 TO 751 758 759 762 -
400. 763 774 TO 783 794 TO 803 START MX
401. 621 625 632 633 638 639 644 645 650 651 656 657 666 TO 673 680 TO 685 690 -
402. 691 700 TO 707 716 TO 720 722 723 732 TO 736 738 739 741 743 748 TO 751 758 -
403. 759 762 763 774 TO 783 794 TO 803 END MX
404. SUPPORTS
405. 1 2 5 7 9 10 13 15 17 19 20 23 25 27 29 31 32 35 37 39 43 45 47 48 51 53 55 -
406. 57 59 61 63 65 67 73 75 77 81 85 87 101 103 105 109 111 113 115 119 512 513 -
407. 520 TO 522 593 FIXED
408. SLAVE ZX MASTER 595 JOINT 3 4 6 8 11 12 14 16 18 21 22 24 26 28 30 33 34 36 -

409. 38 40 44 46 49 50 52 54 56 58 60 62 64 66 68 74 76 78 82 86 88 100 102 104 -
410. 106 110 112 114 116 120 230 235 257 262 594
411. SLAVE ZX MASTER 596 JOINT 281 TO 340
412. LOAD 1 LOADTYPE DEAD TITLE PP
413. SELFWEIGHT Y -1
414. LOAD 2 LOADTYPE DEAD TITLE CM
415. MEMBER LOAD
416. 3 5 10 12 14 16 25 27 50 58 61 63 67 74 75 78 84 88 89 103 104 107 109 118 -
417. 119 TO 120 125 127 131 134 139 144 TO 146 156 220 221 252 TO 255 269 270 285 -
418. 286 291 292 322 323 325 326 346 TO 349 366 TO 368 376 379 TO 382 419 422 -
419. 423 811 820 834 993 994 999 1000 1005 1006 1011 1012 1016 1018 1021 1022 -
420. 1025 1027 TO 1031 1033 TO 1036 1040 1042 1044 1045 1047 1048 1051 1052 1055 -
421. 1056 TO 1060 1062 1064 TO 1070 1073 1074 1077 TO 1086 1088 1090 TO 1096 1099 -
422. 1100 1103 TO 1106 1113 UNI GY -0.42
423. 23 29 38 40 42 44 65 80 103 126 153 TO 155 165 166 169 170 175 176 181 182 -
424. 189 TO 191 196 197 203 TO 207 213 TO 217 222 TO 226 233 235 237 239 241 247 -
425. 248 TO 251 256 TO 260 271 TO 278 289 290 299 TO 302 305 306 310 311 315 316 -
426. 332 TO 336 341 TO 345 364 365 369 TO 375 381 382 384 386 388 390 392 397 -
427. 398 TO 401 407 TO 411 417 418 430 TO 435 997 998 1003 1004 1009 1010 1019 -
428. 1020 1023 1024 1049 1050 1053 1054 1071 1072 1075 1076 1097 1098 1101 1102 -

429. 1111 1112 UNI GY -0.84
430. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GY -0.32
431. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GY -0.64
432. 560 TO 568 580 TO 584 589 TO 593 605 607 TO 613 619 620 UNI GY -0.48
433. 569 TO 579 585 TO 588 594 TO 604 614 615 621 625 632 633 638 639 644 645 650 -
434. 651 656 657 666 TO 673 680 TO 685 690 691 700 TO 707 716 TO 723 732 TO 739 -
435. 741 743 748 TO 751 758 759 762 763 774 TO 783 794 TO 803 UNI GY -0.97
436. LOAD 3 LOADTYPE LIVE TITLE CV MAX
437. MEMBER LOAD
438. 3 5 10 12 14 16 25 27 50 58 61 63 67 74 75 78 84 88 89 103 104 107 109 118 -
439. 119 TO 120 125 127 131 134 139 144 TO 146 156 220 221 252 TO 255 269 270 285 -
440. 286 291 292 322 323 325 326 346 TO 349 366 TO 368 376 379 TO 382 419 422 -
441. 423 811 820 834 993 994 999 1000 1005 1006 1011 1012 1016 1018 1021 1022 -
442. 1025 1027 TO 1031 1033 TO 1036 1040 1042 1044 1045 1047 1048 1051 1052 1055 -
443. 1056 TO 1060 1062 1064 TO 1070 1073 1074 1077 TO 1086 1088 1090 TO 1096 1099 -
444. 1100 1103 TO 1106 1113 UNI GY -0.25
445. 23 29 38 40 42 44 65 80 103 126 153 TO 155 165 166 169 170 175 176 181 182 -
446. 189 TO 191 196 197 203 TO 207 213 TO 217 222 TO 226 233 235 237 239 241 247 -
447. 248 TO 251 256 TO 260 271 TO 278 289 290 299 TO 302 305 306 310 311 315 316 -
448. 332 TO 336 341 TO 345 364 365 369 TO 375 381 382 384 386 388 390 392 397 -
449. 398 TO 401 407 TO 411 417 418 430 TO 435 997 998 1003 1004 1009 1010 1019 -
450. 1020 1023 1024 1049 1050 1053 1054 1071 1072 1075 1076 1097 1098 1101 1102 -
451. 1111 1112 UNI GY -0.5
452. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GY -0.19
453. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GY -0.38
454. 560 TO 568 580 TO 584 589 TO 593 605 607 TO 613 619 620 UNI GY -0.1
455. 569 TO 579 585 TO 588 594 TO 604 614 615 621 625 632 633 638 639 644 645 650 -
456. 651 656 657 666 TO 673 680 TO 685 690 691 700 TO 707 716 TO 723 732 TO 739 -
457. 741 743 748 TO 751 758 759 762 763 774 TO 783 794 TO 803 UNI GY -0.2
458. LOAD 4 LOADTYPE LIVE TITLE CV INST
459. MEMBER LOAD
460. 3 5 10 12 14 16 25 27 50 58 61 63 67 74 75 78 84 88 89 103 104 107 109 118 -
461. 119 TO 120 125 127 131 134 139 144 TO 146 156 220 221 252 TO 255 269 270 285 -
462. 286 291 292 322 323 325 326 346 TO 349 366 TO 368 376 379 TO 382 419 422 -
463. 423 811 820 834 993 994 999 1000 1005 1006 1011 1012 1016 1018 1021 1022 -
464. 1025 1027 TO 1031 1033 TO 1036 1040 1042 1044 1045 1047 1048 1051 1052 1055 -
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466. 1100 1103 TO 1106 1113 UNI GY -0.18
467. 23 29 38 40 42 44 65 80 103 126 153 TO 155 165 166 169 170 175 176 181 182 -
468. 189 TO 191 196 197 203 TO 207 213 TO 217 222 TO 226 233 235 237 239 241 247 -
469. 248 TO 251 256 TO 260 271 TO 278 289 290 299 TO 302 305 306 310 311 315 316 -
470. 332 TO 336 341 TO 345 364 365 369 TO 375 381 382 384 386 388 390 392 397 -
471. 398 TO 401 407 TO 411 417 418 430 TO 435 997 998 1003 1004 1009 1010 1019 -
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473. 1111 1112 UNI GY -0.36
474. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GY -0.14
475. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GY -0.27
476. 560 TO 568 580 TO 584 589 TO 593 605 607 TO 613 619 620 UNI GY -0.07
477. 569 TO 579 585 TO 588 594 TO 604 614 615 621 625 632 633 638 639 644 645 650 -
478. 651 656 657 666 TO 673 680 TO 685 690 691 700 TO 707 716 TO 723 732 TO 739 -
479. 741 743 748 TO 751 758 759 762 763 774 TO 783 794 TO 803 UNI GY -0.14
480. LOAD 5 LOADTYPE LIVE TITLE CV MEDIA
481. MEMBER LOAD
482. 3 5 10 12 14 16 25 27 50 58 61 63 67 74 75 78 84 88 89 103 104 107 109 118 -
483. 119 TO 120 125 127 131 134 139 144 TO 146 156 220 221 252 TO 255 269 270 285 -
484. 286 291 292 322 323 325 326 346 TO 349 366 TO 368 376 379 TO 382 419 422 -

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485. 423 811 820 834 993 994 999 1000 1005 1006 1011 1012 1016 1018 1021 1022 -
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492. 332 TO 336 341 TO 345 364 365 369 TO 375 381 382 384 386 388 390 392 397 -
493. 398 TO 401 407 TO 411 417 418 430 TO 435 997 998 1003 1004 1009 1010 1019 -
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497. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GY -0.15
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501. 741 743 748 TO 751 758 759 762 763 774 TO 783 794 TO 803 UNI GY -0.03
502. LOAD 6 LOADTYPE DEAD TITLE EQUIPOS
503. MEMBER LOAD
504. 599 TO 601 705 706 721 722 737 738 UNI GY -0.25
505. LOAD 7 LOADTYPE DEAD TITLE ARRIATE
506. MEMBER LOAD
507. 1021 1022 1051 1052 1073 1074 UNI GY -1.8
508. 1021 1022 1051 1052 1073 1074 CON GY -0.75
509. LOAD 8 LOADTYPE SEISMIC TITLE SISMO X
510. *****
511. SELFWEIGHT X 1
512. SELFWEIGHT Y 1
513. SELFWEIGHT Z 1
514. *****
515. MEMBER LOAD
516. 3 5 10 12 14 16 25 27 50 58 61 63 67 74 75 78 84 88 89 103 104 107 109 118 -
517. 119 TO 120 125 127 131 134 139 144 TO 146 156 220 221 252 TO 255 269 270 285 -
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530. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GX 0.32
531. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GX 0.64
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536. MEMBER LOAD
537. 3 5 10 12 14 16 25 27 50 58 61 63 67 74 75 78 84 88 89 103 104 107 109 118 -
538. 119 TO 120 125 127 131 134 139 144 TO 146 156 220 221 252 TO 255 269 270 285 -
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 544. 23 29 38 40 42 44 65 80 103 126 153 TO 155 165 166 169 170 175 176 181 182 -
 545. 189 TO 191 196 197 203 TO 207 213 TO 217 222 TO 226 233 235 237 239 241 247 -
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 547. 332 TO 336 341 TO 345 364 365 369 TO 375 381 382 384 386 388 390 392 397 -
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 549. 1020 1023 1024 1049 1050 1053 1054 1071 1072 1075 1076 1097 1098 1101 1102 -
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 551. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GY 0.32
 552. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GY 0.64
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 569. 398 TO 401 407 TO 411 417 418 430 TO 435 997 998 1003 1004 1009 1010 1019 -
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 572. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GZ 0.32
 573. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GY 0.64
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 575. 569 TO 579 585 TO 588 594 TO 604 614 615 621 625 632 633 638 639 644 645 650 -
 576. 651 656 657 666 TO 673 680 TO 685 690 691 700 TO 707 716 TO 723 732 TO 739 -
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 578. *****
 579. MEMBER LOAD
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 593. 1111 1112 UNI GX 0.36
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 595. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GX 0.27
 596. 560 TO 568 580 TO 584 589 TO 593 605 607 TO 613 619 620 UNI GX 0.07

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597. 569 TO 579 585 TO 588 594 TO 604 614 615 621 625 632 633 638 639 644 645 650 -
598. 651 656 657 666 TO 673 680 TO 685 690 691 700 TO 707 716 TO 723 732 TO 739 -
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608. 23 29 38 40 42 44 65 80 103 126 153 TO 155 165 166 169 170 175 176 181 182 -
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615. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GY 0.14
616. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GY 0.27
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619. 651 656 657 666 TO 673 680 TO 685 690 691 700 TO 707 716 TO 723 732 TO 739 -
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624. 286 291 292 322 323 325 326 346 TO 349 366 TO 368 376 379 TO 382 419 422 -
625. 423 811 820 834 993 994 999 1000 1005 1006 1011 1012 1016 1018 1021 1022 -
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627. 1056 TO 1060 1062 1064 TO 1070 1073 1074 1077 TO 1086 1088 1090 TO 1096 1099 -
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631. 248 TO 251 256 TO 260 271 TO 278 289 290 299 TO 302 305 306 310 311 315 316 -
632. 332 TO 336 341 TO 345 364 365 369 TO 375 381 382 384 386 388 390 392 397 -
633. 398 TO 401 407 TO 411 417 418 430 TO 435 997 998 1003 1004 1009 1010 1019 -
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636. 7 16 63 127 148 287 376 419 810 820 833 846 UNI GZ 0.14
637. 377 378 420 421 806 809 819 825 828 838 849 992 UNI GZ 0.27
638. 560 TO 568 580 TO 584 589 TO 593 605 607 TO 613 619 620 UNI GZ 0.07
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642. *****
643. MEMBER LOAD
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645. MEMBER LOAD
646. 599 TO 601 705 706 721 722 737 738 UNI GY 0.25
647. MEMBER LOAD
648. 599 TO 601 705 706 721 722 737 738 UNI GZ 0.25
649. *****
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651. 1021 1022 1051 1052 1073 1074 UNI GX 1.8
652. 1021 1022 1051 1052 1073 1074 CON GX 0.75

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653. MEMBER LOAD
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655. 1021 1022 1051 1052 1073 1074 CON GY 0.75
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658. 1021 1022 1051 1052 1073 1074 CON GZ 0.75
659. *****
660. SPECTRUM SRSS X 1 ACC SCALE 9.81 DAMP 0.05 LIN
661. 0 0.06; 0.1 0.084; 0.2 0.109; 0.3 0.133; 0.4 0.133; 0.5 0.133; 0.6 0.133
662. 0.7 0.133; 0.8 0.133; 0.9 0.133; 1 0.133; 1.1 0.133; 1.2 0.133; 1.3 0.133
663. 1.4 0.133; 1.5 0.133; 1.6 0.128; 1.7 0.123; 1.8 0.118; 1.9 0.114; 2 0.11
664. 2.1 0.107; 2.2 0.103; 2.3 0.1; 2.4 0.097; 2.5 0.095; 2.6 0.092; 2.7 0.09
665. 2.8 0.088; 2.9 0.086; 3 0.084; 3.1 0.082; 3.2 0.08; 3.3 0.079; 3.4 0.077
666. 3.5 0.076; 3.6 0.074; 3.7 0.073; 3.8 0.072; 3.9 0.071; 4 0.069; 4.1 0.068
667. 4.2 0.067; 4.3 0.066; 4.4 0.065; 4.5 0.064; 4.6 0.063; 4.7 0.062; 4.8 0.061
668. 4.9 0.061; 5 0.06
669. LOAD 9 LOADTYPE SEISMIC TITLE SISMO Z
670. SPECTRUM SRSS Z 1 ACC SCALE 9.81 DAMP 0.05 LIN
671. ***** SERVICIO ****
672. 0 0.06; 0.1 0.084; 0.2 0.109; 0.3 0.133; 0.4 0.133; 0.5 0.133; 0.6 0.133
673. 0.7 0.133; 0.8 0.133; 0.9 0.133; 1 0.133; 1.1 0.133; 1.2 0.133; 1.3 0.133
674. 1.4 0.133; 1.5 0.133; 1.6 0.128; 1.7 0.123; 1.8 0.118; 1.9 0.114; 2 0.11
675. 2.1 0.107; 2.2 0.103; 2.3 0.1; 2.4 0.097; 2.5 0.095; 2.6 0.092; 2.7 0.09
676. 2.8 0.088; 2.9 0.086; 3 0.084; 3.1 0.082; 3.2 0.08; 3.3 0.079; 3.4 0.077
677. 3.5 0.076; 3.6 0.074; 3.7 0.073; 3.8 0.072; 3.9 0.071; 4 0.069; 4.1 0.068
678. 4.2 0.067; 4.3 0.066; 4.4 0.065; 4.5 0.064; 4.6 0.063; 4.7 0.062; 4.8 0.061
679. 4.9 0.061; 5 0.06
680. LOAD COMB 10 1.0 (PP+CM+CVMAX+EQU+ARR)
681. 1 1.0 2 1.0 3 1.0 6 1.0 7 1.0
682. LOAD COMB 11 1.0 (PP+CM+EQ+CVINST+ARR + SX+ 0.3 SZ)
683. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 1.0 9 0.3
684. LOAD COMB 12 1.0 (PP+CM+EQ+CVINST+ARR + SX- 0.3 SZ)
685. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 1.0 9 -0.3
686. LOAD COMB 13 1.0 (PP+CM+EQ+CVINST+ARR - SX+ 0.3 SZ)
687. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -1.0 9 0.3
688. LOAD COMB 14 1.0 (PP+CM+EQ+CVINST+ARR - SX- 0.3 SZ)
689. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -1.0 9 -0.3
690. LOAD COMB 15 1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX+ SZ)
691. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 0.3 9 1.0
692. LOAD COMB 16 1.0 (PP+CM+EQ+CVINST+ARR + 0.3 SX- SZ)
693. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 0.3 9 -1.0
694. LOAD COMB 17 1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX+ SZ)
695. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -0.3 9 1.0
696. LOAD COMB 18 1.0 (PP+CM+EQ+CVINST+ARR - 0.3 SX- SZ)
697. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0 8 -0.3 9 -1.0
698. LOAD COMB 19 1.0 (PP+CM+EQ+CVINST+ARR)
699. 1 1.0 2 1.0 4 1.0 6 1.0 7 1.0
700. ***** DISEÑO *****
701. LOAD COMB 20 1.4 (PP+CM+EQ+CVMAX+ARR)
702. 1 1.4 2 1.4 3 1.4 6 1.4 7 1.4
703. LOAD COMB 21 1.1 (PP+CM+EQ+CVINST + SX+ 0.33 SZ)
704. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 1.1 9 0.33
705. LOAD COMB 22 1.1 (PP+CM+EQ+CVINST + SX- 0.33 SZ)
706. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 1.1 9 -0.33
707. LOAD COMB 23 1.1 (PP+CM+EQ+CVINST - SX+ 0.33 SZ)
708. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -1.1 9 0.33

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STAAD SPACE

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709. LOAD COMB 24 1.1 (PP+CM+EQ+CVINST - SX- 0.33 SZ)
 710. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -1.1 9 -0.33
 711. LOAD COMB 25 1.1 (PP+CM+EQ+CVINST + 0.33 SX+ SZ)
 712. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 0.33 9 1.1
 713. LOAD COMB 26 1.1 (PP+CM+EQ+CVINST + 0.33 SX- SZ)
 714. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 0.33 9 -1.1
 715. LOAD COMB 27 1.1 (PP+CM+EQ+CVINST - 0.33 SX+ SZ)
 716. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -0.33 9 1.1
 717. LOAD COMB 28 1.1 (PP+CM+EQ+CVINST - 0.33 SX- SZ)
 718. 1 1.1 2 1.1 4 1.1 6 1.1 7 1.1 8 -0.33 9 -1.1
 719. LOAD COMB 29 1.0 (PP+CM+EQ+CVMED+ARR)
 720. 1 1.0 2 1.0 5 1.0 6 1.0 7 1.0
 721. PERFORM ANALYSIS PRINT ALL

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

NUMBER OF JOINTS	546	NUMBER OF MEMBERS	945
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	53

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

ORIGINAL/FINAL BAND-WIDTH= 482/ 41/ 2619 DOF
 TOTAL PRIMARY LOAD CASES = 9, TOTAL DEGREES OF FREEDOM = 2619
 TOTAL LOAD COMBINATION CASES = 20 SO FAR.
 SIZE OF STIFFNESS MATRIX = 6860 DOUBLE KILO-WORDS
 REQD/AVAIL. DISK SPACE = 118.2/ 422117.5 MB

STAAD SPACE

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LOADING 1 LOADTYPE DEAD TITLE PP

SELFWEIGHT Y -1.000

ACTUAL WEIGHT OF THE STRUCTURE = 244.303 MTON

LOADING 2 LOADTYPE DEAD TITLE CM

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
3	-0.4200 GY	0.00	6.00				
5	-0.4200 GY	0.00	6.00				
10	-0.4200 GY	0.00	6.00				
12	-0.4200 GY	0.00	6.00				
14	-0.4200 GY	0.00	6.00				
16	-0.4200 GY	0.00	1.50				
25	-0.4200 GY	0.00	6.00				
27	-0.4200 GY	0.00	6.00				
50	-0.4200 GY	0.00	2.00				
58	-0.4200 GY	0.00	6.00				
61	-0.4200 GY	0.00	6.00				
63	-0.4200 GY	0.00	6.00				
67	-0.4200 GY	0.00	0.25				
74	-0.4200 GY	0.00	2.00				
75	-0.4200 GY	0.00	6.00				
78	-0.4200 GY	0.00	4.50				
84	-0.4200 GY	0.00	0.50				
88	-0.4200 GY	0.00	2.00				
89	-0.4200 GY	0.00	6.00				
103	-0.4200 GY	0.00	2.00				
104	-0.4200 GY	0.00	0.25				
107	-0.4200 GY	0.00	2.00				
109	-0.4200 GY	0.00	2.00				
118	-0.4200 GY	0.00	6.00				
119	-0.4200 GY	0.00	6.00				
120	-0.4200 GY	0.00	2.00				
125	-0.4200 GY	0.00	0.25				
127	-0.4200 GY	0.00	6.00				
131	-0.4200 GY	0.00	2.00				
134	-0.4200 GY	0.00	6.00				
139	-0.4200 GY	0.00	2.00				
144	-0.4200 GY	0.00	2.00				
145	-0.4200 GY	0.00	2.00				
146	-0.4200 GY	0.00	2.00				
156	-0.4200 GY	0.00	6.00				
220	-0.4200 GY	0.00	2.00				
221	-0.4200 GY	0.00	2.00				
252	-0.4200 GY	0.00	2.00				

STAAD SPACE

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253	-0.4200	GY	0.00	2.00
254	-0.4200	GY	0.00	2.00
255	-0.4200	GY	0.00	2.00
269	-0.4200	GY	0.00	2.00
270	-0.4200	GY	0.00	2.00
285	-0.4200	GY	0.00	2.00
286	-0.4200	GY	0.00	2.00
291	-0.4200	GY	0.00	0.25
292	-0.4200	GY	0.00	0.25
322	-0.4200	GY	0.00	0.25
323	-0.4200	GY	0.00	0.25
325	-0.4200	GY	0.00	0.25
326	-0.4200	GY	0.00	0.25
346	-0.4200	GY	0.00	2.00
347	-0.4200	GY	0.00	2.00
348	-0.4200	GY	0.00	2.00
349	-0.4200	GY	0.00	2.00
366	-0.4200	GY	0.00	0.25
367	-0.4200	GY	0.00	0.25
368	-0.4200	GY	0.00	0.25
376	-0.4200	GY	0.00	1.50
379	-0.4200	GY	0.00	2.00
380	-0.4200	GY	0.00	2.00
381	-0.4200	GY	0.00	2.00
382	-0.4200	GY	0.00	2.00
419	-0.4200	GY	0.00	6.00
422	-0.4200	GY	0.00	2.00
423	-0.4200	GY	0.00	2.00
811	-0.4200	GY	0.00	4.50
820	-0.4200	GY	0.00	1.50
834	-0.4200	GY	0.00	4.50
993	-0.4200	GY	0.00	2.00
994	-0.4200	GY	0.00	2.00
999	-0.4200	GY	0.00	2.00
1000	-0.4200	GY	0.00	2.00
1005	-0.4200	GY	0.00	2.00
1006	-0.4200	GY	0.00	2.00
1011	-0.4200	GY	0.00	2.00
1012	-0.4200	GY	0.00	1.75
1016	-0.4200	GY	0.00	1.75
1018	-0.4200	GY	0.00	1.75
1021	-0.4200	GY	0.00	2.00
1022	-0.4200	GY	0.00	2.00
1025	-0.4200	GY	0.00	1.75
1027	-0.4200	GY	0.00	1.75
1028	-0.4200	GY	0.00	1.75
1029	-0.4200	GY	0.00	2.00
1030	-0.4200	GY	0.00	2.00
1031	-0.4200	GY	0.00	0.25
1033	-0.4200	GY	0.00	0.25
1034	-0.4200	GY	0.00	0.25
1035	-0.4200	GY	0.00	2.00
1036	-0.4200	GY	0.00	2.00
1040	-0.4200	GY	0.00	1.75
1042	-0.4200	GY	0.00	1.75
1044	-0.4200	GY	0.00	1.75

STAAD SPACE

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1045	-0.4200	GY	0.00	1.75
1047	-0.4200	GY	0.00	0.25
1048	-0.4200	GY	0.00	0.25
1051	-0.4200	GY	0.00	2.00
1052	-0.4200	GY	0.00	2.00
1055	-0.4200	GY	0.00	2.00
1056	-0.4200	GY	0.00	2.00
1057	-0.4200	GY	0.00	2.00
1058	-0.4200	GY	0.00	2.00
1059	-0.4200	GY	0.00	2.00
1060	-0.4200	GY	0.00	1.75
1062	-0.4200	GY	0.00	1.75
1064	-0.4200	GY	0.00	1.75
1065	-0.4200	GY	0.00	1.75
1066	-0.4200	GY	0.00	1.75
1067	-0.4200	GY	0.00	1.75
1068	-0.4200	GY	0.00	0.25
1069	-0.4200	GY	0.00	0.25
1070	-0.4200	GY	0.00	0.25
1073	-0.4200	GY	0.00	2.00
1074	-0.4200	GY	0.00	2.00
1077	-0.4200	GY	0.00	2.00
1078	-0.4200	GY	0.00	2.00
1079	-0.4200	GY	0.00	2.00
1080	-0.4200	GY	0.00	2.00
1081	-0.4200	GY	0.00	2.00
1082	-0.4200	GY	0.00	1.75
1083	-0.4200	GY	0.00	1.75
1084	-0.4200	GY	0.00	0.25
1085	-0.4200	GY	0.00	2.00
1086	-0.4200	GY	0.00	1.75
1088	-0.4200	GY	0.00	1.75
1090	-0.4200	GY	0.00	1.75
1091	-0.4200	GY	0.00	1.75
1092	-0.4200	GY	0.00	1.75
1093	-0.4200	GY	0.00	1.75
1094	-0.4200	GY	0.00	0.25
1095	-0.4200	GY	0.00	0.25
1096	-0.4200	GY	0.00	0.25
1099	-0.4200	GY	0.00	2.00
1100	-0.4200	GY	0.00	2.00
1103	-0.4200	GY	0.00	2.00
1104	-0.4200	GY	0.00	2.00
1105	-0.4200	GY	0.00	2.00
1106	-0.4200	GY	0.00	2.00
1113	-0.4200	GY	0.00	1.50
23	-0.8400	GY	0.00	6.00
29	-0.8400	GY	0.00	6.00
38	-0.8400	GY	0.00	6.00
40	-0.8400	GY	0.00	6.00
42	-0.8400	GY	0.00	6.00
44	-0.8400	GY	0.00	6.00
65	-0.8400	GY	0.00	6.00
80	-0.8400	GY	0.00	6.00
103	-0.8400	GY	0.00	2.00
126	-0.8400	GY	0.00	6.00

STAAD SPACE

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153	-0.8400	GY	0.00	6.00
154	-0.8400	GY	0.00	6.00
155	-0.8400	GY	0.00	6.00
165	-0.8400	GY	0.00	6.00
166	-0.8400	GY	0.00	6.00
169	-0.8400	GY	0.00	6.00
170	-0.8400	GY	0.00	6.00
175	-0.8400	GY	0.00	6.00
176	-0.8400	GY	0.00	6.00
181	-0.8400	GY	0.00	6.00
182	-0.8400	GY	0.00	6.00
189	-0.8400	GY	0.00	6.00
190	-0.8400	GY	0.00	6.00
191	-0.8400	GY	0.00	6.00
196	-0.8400	GY	0.00	6.00
197	-0.8400	GY	0.00	6.00
203	-0.8400	GY	0.00	6.00
204	-0.8400	GY	0.00	6.00
205	-0.8400	GY	0.00	6.00
206	-0.8400	GY	0.00	6.00
207	-0.8400	GY	0.00	6.00
213	-0.8400	GY	0.00	6.00
214	-0.8400	GY	0.00	6.00
215	-0.8400	GY	0.00	6.00
216	-0.8400	GY	0.00	6.00
217	-0.8400	GY	0.00	6.00
222	-0.8400	GY	0.00	6.00
223	-0.8400	GY	0.00	6.00
224	-0.8400	GY	0.00	6.00
225	-0.8400	GY	0.00	6.00
226	-0.8400	GY	0.00	6.00
233	-0.8400	GY	0.00	6.00
235	-0.8400	GY	0.00	6.00
237	-0.8400	GY	0.00	6.00
239	-0.8400	GY	0.00	6.00
241	-0.8400	GY	0.00	6.00
247	-0.8400	GY	0.00	6.00
248	-0.8400	GY	0.00	6.00
249	-0.8400	GY	0.00	6.00
250	-0.8400	GY	0.00	6.00
251	-0.8400	GY	0.00	6.00
256	-0.8400	GY	0.00	6.00
257	-0.8400	GY	0.00	6.00
258	-0.8400	GY	0.00	6.00
259	-0.8400	GY	0.00	6.00
260	-0.8400	GY	0.00	6.00
271	-0.8400	GY	0.00	6.00
272	-0.8400	GY	0.00	6.00
273	-0.8400	GY	0.00	6.00
274	-0.8400	GY	0.00	6.00
275	-0.8400	GY	0.00	6.00
276	-0.8400	GY	0.00	6.00
277	-0.8400	GY	0.00	6.00
278	-0.8400	GY	0.00	6.00
289	-0.8400	GY	0.00	6.00
290	-0.8400	GY	0.00	6.00

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299	-0.8400	GY	0.00	6.00
300	-0.8400	GY	0.00	6.00
301	-0.8400	GY	0.00	6.00
302	-0.8400	GY	0.00	6.00
305	-0.8400	GY	0.00	6.00
306	-0.8400	GY	0.00	6.00
310	-0.8400	GY	0.00	6.00
311	-0.8400	GY	0.00	6.00
315	-0.8400	GY	0.00	6.00
316	-0.8400	GY	0.00	6.00
332	-0.8400	GY	0.00	6.00
333	-0.8400	GY	0.00	6.00
334	-0.8400	GY	0.00	6.00
335	-0.8400	GY	0.00	6.00
336	-0.8400	GY	0.00	6.00
341	-0.8400	GY	0.00	6.00
342	-0.8400	GY	0.00	6.00
343	-0.8400	GY	0.00	6.00
344	-0.8400	GY	0.00	6.00
345	-0.8400	GY	0.00	6.00
364	-0.8400	GY	0.00	6.00
365	-0.8400	GY	0.00	6.00
369	-0.8400	GY	0.00	6.00
370	-0.8400	GY	0.00	6.00
371	-0.8400	GY	0.00	6.00
372	-0.8400	GY	0.00	6.00
373	-0.8400	GY	0.00	6.00
374	-0.8400	GY	0.00	6.00
375	-0.8400	GY	0.00	6.00
381	-0.8400	GY	0.00	2.00
382	-0.8400	GY	0.00	2.00
384	-0.8400	GY	0.00	6.00
386	-0.8400	GY	0.00	6.00
388	-0.8400	GY	0.00	6.00
390	-0.8400	GY	0.00	6.00
392	-0.8400	GY	0.00	6.00
397	-0.8400	GY	0.00	6.00
398	-0.8400	GY	0.00	6.00
399	-0.8400	GY	0.00	6.00
400	-0.8400	GY	0.00	6.00
401	-0.8400	GY	0.00	6.00
407	-0.8400	GY	0.00	6.00
408	-0.8400	GY	0.00	6.00
409	-0.8400	GY	0.00	6.00
410	-0.8400	GY	0.00	6.00
411	-0.8400	GY	0.00	6.00
417	-0.8400	GY	0.00	6.00
418	-0.8400	GY	0.00	6.00
430	-0.8400	GY	0.00	6.00
431	-0.8400	GY	0.00	6.00
432	-0.8400	GY	0.00	6.00
433	-0.8400	GY	0.00	6.00
434	-0.8400	GY	0.00	6.00
435	-0.8400	GY	0.00	6.00
997	-0.8400	GY	0.00	6.00
998	-0.8400	GY	0.00	6.00

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1003	-0.8400	GY	0.00	6.00
1004	-0.8400	GY	0.00	6.00
1009	-0.8400	GY	0.00	6.00
1010	-0.8400	GY	0.00	6.00
1019	-0.8400	GY	0.00	2.00
1020	-0.8400	GY	0.00	2.00
1023	-0.8400	GY	0.00	2.00
1024	-0.8400	GY	0.00	2.00
1049	-0.8400	GY	0.00	2.00
1050	-0.8400	GY	0.00	2.00
1053	-0.8400	GY	0.00	2.00
1054	-0.8400	GY	0.00	2.00
1071	-0.8400	GY	0.00	2.00
1072	-0.8400	GY	0.00	2.00
1075	-0.8400	GY	0.00	2.00
1076	-0.8400	GY	0.00	2.00
1097	-0.8400	GY	0.00	2.00
1098	-0.8400	GY	0.00	2.00
1101	-0.8400	GY	0.00	2.00
1102	-0.8400	GY	0.00	2.00
1111	-0.8400	GY	0.00	6.00
1112	-0.8400	GY	0.00	6.00
7	-0.3200	GY	0.00	6.00
16	-0.3200	GY	0.00	1.50
63	-0.3200	GY	0.00	6.00
127	-0.3200	GY	0.00	6.00
148	-0.3200	GY	0.00	3.00
287	-0.3200	GY	0.00	4.50
376	-0.3200	GY	0.00	1.50
419	-0.3200	GY	0.00	6.00
810	-0.3200	GY	0.00	4.50
820	-0.3200	GY	0.00	1.50
833	-0.3200	GY	0.00	4.50
846	-0.3200	GY	0.00	3.00
377	-0.6400	GY	0.00	1.50
378	-0.6400	GY	0.00	6.00
420	-0.6400	GY	0.00	6.00
421	-0.6400	GY	0.00	3.00
806	-0.6400	GY	0.00	1.50
809	-0.6400	GY	0.00	6.00
819	-0.6400	GY	0.00	1.50
825	-0.6400	GY	0.00	6.00
828	-0.6400	GY	0.00	1.50
838	-0.6400	GY	0.00	1.50
849	-0.6400	GY	0.00	3.00
992	-0.6400	GY	0.00	1.50
560	-0.4800	GY	0.00	6.00
561	-0.4800	GY	0.00	6.00
562	-0.4800	GY	0.00	6.00
563	-0.4800	GY	0.00	6.00
564	-0.4800	GY	0.00	6.00
565	-0.4800	GY	0.00	6.00
566	-0.4800	GY	0.00	6.00
567	-0.4800	GY	0.00	6.00
568	-0.4800	GY	0.00	6.00
580	-0.4800	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 21

581	-0.4800	GY	0.00	6.00
582	-0.4800	GY	0.00	6.00
583	-0.4800	GY	0.00	3.00
584	-0.4800	GY	0.00	6.00
589	-0.4800	GY	0.00	6.00
590	-0.4800	GY	0.00	6.00
591	-0.4800	GY	0.00	6.00
592	-0.4800	GY	0.00	3.00
593	-0.4800	GY	0.00	6.00
605	-0.4800	GY	0.00	6.00
607	-0.4800	GY	0.00	6.00
608	-0.4800	GY	0.00	6.00
609	-0.4800	GY	0.00	6.00
610	-0.4800	GY	0.00	6.00
611	-0.4800	GY	0.00	6.00
612	-0.4800	GY	0.00	6.00
613	-0.4800	GY	0.00	6.00
619	-0.4800	GY	0.00	3.00
620	-0.4800	GY	0.00	3.00
569	-0.9700	GY	0.00	6.00
570	-0.9700	GY	0.00	6.00
571	-0.9700	GY	0.00	6.00
572	-0.9700	GY	0.00	6.00
573	-0.9700	GY	0.00	6.00
574	-0.9700	GY	0.00	6.00
575	-0.9700	GY	0.00	6.00
576	-0.9700	GY	0.00	6.00
577	-0.9700	GY	0.00	6.00
578	-0.9700	GY	0.00	6.00
579	-0.9700	GY	0.00	6.00
585	-0.9700	GY	0.00	6.00
586	-0.9700	GY	0.00	6.00
587	-0.9700	GY	0.00	6.00
588	-0.9700	GY	0.00	6.00
594	-0.9700	GY	0.00	6.00
595	-0.9700	GY	0.00	6.00
596	-0.9700	GY	0.00	6.00
597	-0.9700	GY	0.00	6.00
598	-0.9700	GY	0.00	6.00
599	-0.9700	GY	0.00	6.00
600	-0.9700	GY	0.00	6.00
601	-0.9700	GY	0.00	6.00
602	-0.9700	GY	0.00	6.00
603	-0.9700	GY	0.00	6.00
604	-0.9700	GY	0.00	6.00
614	-0.9700	GY	0.00	3.00
615	-0.9700	GY	0.00	3.00
621	-0.9700	GY	0.00	3.00
625	-0.9700	GY	0.00	3.00
632	-0.9700	GY	0.00	6.00
633	-0.9700	GY	0.00	6.00
638	-0.9700	GY	0.00	6.00
639	-0.9700	GY	0.00	6.00
644	-0.9700	GY	0.00	6.00
645	-0.9700	GY	0.00	6.00
650	-0.9700	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 22

651	-0.9700	GY	0.00	6.00
656	-0.9700	GY	0.00	6.00
657	-0.9700	GY	0.00	6.00
666	-0.9700	GY	0.00	6.00
667	-0.9700	GY	0.00	6.00
668	-0.9700	GY	0.00	6.00
669	-0.9700	GY	0.00	6.00
670	-0.9700	GY	0.00	6.00
671	-0.9700	GY	0.00	6.00
672	-0.9700	GY	0.00	6.00
673	-0.9700	GY	0.00	6.00
680	-0.9700	GY	0.00	6.00
681	-0.9700	GY	0.00	6.00
682	-0.9700	GY	0.00	6.00
683	-0.9700	GY	0.00	6.00
684	-0.9700	GY	0.00	6.00
685	-0.9700	GY	0.00	6.00
690	-0.9700	GY	0.00	6.00
691	-0.9700	GY	0.00	6.00
700	-0.9700	GY	0.00	6.00
701	-0.9700	GY	0.00	6.00
702	-0.9700	GY	0.00	6.00
703	-0.9700	GY	0.00	6.00
704	-0.9700	GY	0.00	6.00
705	-0.9700	GY	0.00	6.00
706	-0.9700	GY	0.00	6.00
707	-0.9700	GY	0.00	6.00
716	-0.9700	GY	0.00	6.00
717	-0.9700	GY	0.00	6.00
718	-0.9700	GY	0.00	6.00
719	-0.9700	GY	0.00	6.00
720	-0.9700	GY	0.00	6.00
721	-0.9700	GY	0.00	6.00
722	-0.9700	GY	0.00	6.00
723	-0.9700	GY	0.00	6.00
732	-0.9700	GY	0.00	6.00
733	-0.9700	GY	0.00	6.00
734	-0.9700	GY	0.00	6.00
735	-0.9700	GY	0.00	6.00
736	-0.9700	GY	0.00	6.00
737	-0.9700	GY	0.00	6.00
738	-0.9700	GY	0.00	6.00
739	-0.9700	GY	0.00	6.00
741	-0.9700	GY	0.00	3.00
743	-0.9700	GY	0.00	3.00
748	-0.9700	GY	0.00	6.00
749	-0.9700	GY	0.00	6.00
750	-0.9700	GY	0.00	6.00
751	-0.9700	GY	0.00	6.00
758	-0.9700	GY	0.00	6.00
759	-0.9700	GY	0.00	6.00
762	-0.9700	GY	0.00	6.00
763	-0.9700	GY	0.00	6.00
774	-0.9700	GY	0.00	6.00
775	-0.9700	GY	0.00	6.00
776	-0.9700	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 23

777	-0.9700	GY	0.00	6.00
778	-0.9700	GY	0.00	6.00
779	-0.9700	GY	0.00	6.00
780	-0.9700	GY	0.00	6.00
781	-0.9700	GY	0.00	6.00
782	-0.9700	GY	0.00	6.00
783	-0.9700	GY	0.00	6.00
794	-0.9700	GY	0.00	6.00
795	-0.9700	GY	0.00	6.00
796	-0.9700	GY	0.00	6.00
797	-0.9700	GY	0.00	6.00
798	-0.9700	GY	0.00	6.00
799	-0.9700	GY	0.00	6.00
800	-0.9700	GY	0.00	6.00
801	-0.9700	GY	0.00	6.00
802	-0.9700	GY	0.00	6.00
803	-0.9700	GY	0.00	6.00

LOADING 3 LOADTYPE LIVE TITLE CV MAX

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
3	-0.2500	GY	0.00	6.00				
5	-0.2500	GY	0.00	6.00				
10	-0.2500	GY	0.00	6.00				
12	-0.2500	GY	0.00	6.00				
14	-0.2500	GY	0.00	6.00				
16	-0.2500	GY	0.00	1.50				
25	-0.2500	GY	0.00	6.00				
27	-0.2500	GY	0.00	6.00				
50	-0.2500	GY	0.00	2.00				
58	-0.2500	GY	0.00	6.00				
61	-0.2500	GY	0.00	6.00				
63	-0.2500	GY	0.00	6.00				
67	-0.2500	GY	0.00	0.25				
74	-0.2500	GY	0.00	2.00				
75	-0.2500	GY	0.00	6.00				
78	-0.2500	GY	0.00	4.50				
84	-0.2500	GY	0.00	0.50				
88	-0.2500	GY	0.00	2.00				
89	-0.2500	GY	0.00	6.00				
103	-0.2500	GY	0.00	2.00				
104	-0.2500	GY	0.00	0.25				
107	-0.2500	GY	0.00	2.00				
109	-0.2500	GY	0.00	2.00				
118	-0.2500	GY	0.00	6.00				
119	-0.2500	GY	0.00	6.00				
120	-0.2500	GY	0.00	2.00				
125	-0.2500	GY	0.00	0.25				
127	-0.2500	GY	0.00	6.00				
131	-0.2500	GY	0.00	2.00				

STAAD SPACE

-- PAGE NO. 24

134	-0.2500	GY	0.00	6.00
139	-0.2500	GY	0.00	2.00
144	-0.2500	GY	0.00	2.00
145	-0.2500	GY	0.00	2.00
146	-0.2500	GY	0.00	2.00
156	-0.2500	GY	0.00	6.00
220	-0.2500	GY	0.00	2.00
221	-0.2500	GY	0.00	2.00
252	-0.2500	GY	0.00	2.00
253	-0.2500	GY	0.00	2.00
254	-0.2500	GY	0.00	2.00
255	-0.2500	GY	0.00	2.00
269	-0.2500	GY	0.00	2.00
270	-0.2500	GY	0.00	2.00
285	-0.2500	GY	0.00	2.00
286	-0.2500	GY	0.00	2.00
291	-0.2500	GY	0.00	0.25
292	-0.2500	GY	0.00	0.25
322	-0.2500	GY	0.00	0.25
323	-0.2500	GY	0.00	0.25
325	-0.2500	GY	0.00	0.25
326	-0.2500	GY	0.00	0.25
346	-0.2500	GY	0.00	2.00
347	-0.2500	GY	0.00	2.00
348	-0.2500	GY	0.00	2.00
349	-0.2500	GY	0.00	2.00
366	-0.2500	GY	0.00	0.25
367	-0.2500	GY	0.00	0.25
368	-0.2500	GY	0.00	0.25
376	-0.2500	GY	0.00	1.50
379	-0.2500	GY	0.00	2.00
380	-0.2500	GY	0.00	2.00
381	-0.2500	GY	0.00	2.00
382	-0.2500	GY	0.00	2.00
419	-0.2500	GY	0.00	6.00
422	-0.2500	GY	0.00	2.00
423	-0.2500	GY	0.00	2.00
811	-0.2500	GY	0.00	4.50
820	-0.2500	GY	0.00	1.50
834	-0.2500	GY	0.00	4.50
993	-0.2500	GY	0.00	2.00
994	-0.2500	GY	0.00	2.00
999	-0.2500	GY	0.00	2.00
1000	-0.2500	GY	0.00	2.00
1005	-0.2500	GY	0.00	2.00
1006	-0.2500	GY	0.00	2.00
1011	-0.2500	GY	0.00	2.00
1012	-0.2500	GY	0.00	1.75
1016	-0.2500	GY	0.00	1.75
1018	-0.2500	GY	0.00	1.75
1021	-0.2500	GY	0.00	2.00
1022	-0.2500	GY	0.00	2.00
1025	-0.2500	GY	0.00	1.75
1027	-0.2500	GY	0.00	1.75
1028	-0.2500	GY	0.00	1.75
1029	-0.2500	GY	0.00	2.00

STAAD SPACE

-- PAGE NO. 25

1030	-0.2500	GY	0.00	2.00
1031	-0.2500	GY	0.00	0.25
1033	-0.2500	GY	0.00	0.25
1034	-0.2500	GY	0.00	0.25
1035	-0.2500	GY	0.00	2.00
1036	-0.2500	GY	0.00	2.00
1040	-0.2500	GY	0.00	1.75
1042	-0.2500	GY	0.00	1.75
1044	-0.2500	GY	0.00	1.75
1045	-0.2500	GY	0.00	1.75
1047	-0.2500	GY	0.00	0.25
1048	-0.2500	GY	0.00	0.25
1051	-0.2500	GY	0.00	2.00
1052	-0.2500	GY	0.00	2.00
1055	-0.2500	GY	0.00	2.00
1056	-0.2500	GY	0.00	2.00
1057	-0.2500	GY	0.00	2.00
1058	-0.2500	GY	0.00	2.00
1059	-0.2500	GY	0.00	2.00
1060	-0.2500	GY	0.00	1.75
1062	-0.2500	GY	0.00	1.75
1064	-0.2500	GY	0.00	1.75
1065	-0.2500	GY	0.00	1.75
1066	-0.2500	GY	0.00	1.75
1067	-0.2500	GY	0.00	1.75
1068	-0.2500	GY	0.00	0.25
1069	-0.2500	GY	0.00	0.25
1070	-0.2500	GY	0.00	0.25
1073	-0.2500	GY	0.00	2.00
1074	-0.2500	GY	0.00	2.00
1077	-0.2500	GY	0.00	2.00
1078	-0.2500	GY	0.00	2.00
1079	-0.2500	GY	0.00	2.00
1080	-0.2500	GY	0.00	2.00
1081	-0.2500	GY	0.00	2.00
1082	-0.2500	GY	0.00	1.75
1083	-0.2500	GY	0.00	1.75
1084	-0.2500	GY	0.00	0.25
1085	-0.2500	GY	0.00	2.00
1086	-0.2500	GY	0.00	1.75
1088	-0.2500	GY	0.00	1.75
1090	-0.2500	GY	0.00	1.75
1091	-0.2500	GY	0.00	1.75
1092	-0.2500	GY	0.00	1.75
1093	-0.2500	GY	0.00	1.75
1094	-0.2500	GY	0.00	0.25
1095	-0.2500	GY	0.00	0.25
1096	-0.2500	GY	0.00	0.25
1099	-0.2500	GY	0.00	2.00
1100	-0.2500	GY	0.00	2.00
1103	-0.2500	GY	0.00	2.00
1104	-0.2500	GY	0.00	2.00
1105	-0.2500	GY	0.00	2.00
1106	-0.2500	GY	0.00	2.00
1113	-0.2500	GY	0.00	1.50
23	-0.5000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 26

29	-0.5000	GY	0.00	6.00
38	-0.5000	GY	0.00	6.00
40	-0.5000	GY	0.00	6.00
42	-0.5000	GY	0.00	6.00
44	-0.5000	GY	0.00	6.00
65	-0.5000	GY	0.00	6.00
80	-0.5000	GY	0.00	6.00
103	-0.5000	GY	0.00	2.00
126	-0.5000	GY	0.00	6.00
153	-0.5000	GY	0.00	6.00
154	-0.5000	GY	0.00	6.00
155	-0.5000	GY	0.00	6.00
165	-0.5000	GY	0.00	6.00
166	-0.5000	GY	0.00	6.00
169	-0.5000	GY	0.00	6.00
170	-0.5000	GY	0.00	6.00
175	-0.5000	GY	0.00	6.00
176	-0.5000	GY	0.00	6.00
181	-0.5000	GY	0.00	6.00
182	-0.5000	GY	0.00	6.00
189	-0.5000	GY	0.00	6.00
190	-0.5000	GY	0.00	6.00
191	-0.5000	GY	0.00	6.00
196	-0.5000	GY	0.00	6.00
197	-0.5000	GY	0.00	6.00
203	-0.5000	GY	0.00	6.00
204	-0.5000	GY	0.00	6.00
205	-0.5000	GY	0.00	6.00
206	-0.5000	GY	0.00	6.00
207	-0.5000	GY	0.00	6.00
213	-0.5000	GY	0.00	6.00
214	-0.5000	GY	0.00	6.00
215	-0.5000	GY	0.00	6.00
216	-0.5000	GY	0.00	6.00
217	-0.5000	GY	0.00	6.00
222	-0.5000	GY	0.00	6.00
223	-0.5000	GY	0.00	6.00
224	-0.5000	GY	0.00	6.00
225	-0.5000	GY	0.00	6.00
226	-0.5000	GY	0.00	6.00
233	-0.5000	GY	0.00	6.00
235	-0.5000	GY	0.00	6.00
237	-0.5000	GY	0.00	6.00
239	-0.5000	GY	0.00	6.00
241	-0.5000	GY	0.00	6.00
247	-0.5000	GY	0.00	6.00
248	-0.5000	GY	0.00	6.00
249	-0.5000	GY	0.00	6.00
250	-0.5000	GY	0.00	6.00
251	-0.5000	GY	0.00	6.00
256	-0.5000	GY	0.00	6.00
257	-0.5000	GY	0.00	6.00
258	-0.5000	GY	0.00	6.00
259	-0.5000	GY	0.00	6.00
260	-0.5000	GY	0.00	6.00
271	-0.5000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 27

272	-0.5000	GY	0.00	6.00
273	-0.5000	GY	0.00	6.00
274	-0.5000	GY	0.00	6.00
275	-0.5000	GY	0.00	6.00
276	-0.5000	GY	0.00	6.00
277	-0.5000	GY	0.00	6.00
278	-0.5000	GY	0.00	6.00
289	-0.5000	GY	0.00	6.00
290	-0.5000	GY	0.00	6.00
299	-0.5000	GY	0.00	6.00
300	-0.5000	GY	0.00	6.00
301	-0.5000	GY	0.00	6.00
302	-0.5000	GY	0.00	6.00
305	-0.5000	GY	0.00	6.00
306	-0.5000	GY	0.00	6.00
310	-0.5000	GY	0.00	6.00
311	-0.5000	GY	0.00	6.00
315	-0.5000	GY	0.00	6.00
316	-0.5000	GY	0.00	6.00
332	-0.5000	GY	0.00	6.00
333	-0.5000	GY	0.00	6.00
334	-0.5000	GY	0.00	6.00
335	-0.5000	GY	0.00	6.00
336	-0.5000	GY	0.00	6.00
341	-0.5000	GY	0.00	6.00
342	-0.5000	GY	0.00	6.00
343	-0.5000	GY	0.00	6.00
344	-0.5000	GY	0.00	6.00
345	-0.5000	GY	0.00	6.00
364	-0.5000	GY	0.00	6.00
365	-0.5000	GY	0.00	6.00
369	-0.5000	GY	0.00	6.00
370	-0.5000	GY	0.00	6.00
371	-0.5000	GY	0.00	6.00
372	-0.5000	GY	0.00	6.00
373	-0.5000	GY	0.00	6.00
374	-0.5000	GY	0.00	6.00
375	-0.5000	GY	0.00	6.00
381	-0.5000	GY	0.00	2.00
382	-0.5000	GY	0.00	2.00
384	-0.5000	GY	0.00	6.00
386	-0.5000	GY	0.00	6.00
388	-0.5000	GY	0.00	6.00
390	-0.5000	GY	0.00	6.00
392	-0.5000	GY	0.00	6.00
397	-0.5000	GY	0.00	6.00
398	-0.5000	GY	0.00	6.00
399	-0.5000	GY	0.00	6.00
400	-0.5000	GY	0.00	6.00
401	-0.5000	GY	0.00	6.00
407	-0.5000	GY	0.00	6.00
408	-0.5000	GY	0.00	6.00
409	-0.5000	GY	0.00	6.00
410	-0.5000	GY	0.00	6.00
411	-0.5000	GY	0.00	6.00
417	-0.5000	GY	0.00	6.00

STAAD SPACE

-- PAGE NO. 28

418	-0.5000	GY	0.00	6.00
430	-0.5000	GY	0.00	6.00
431	-0.5000	GY	0.00	6.00
432	-0.5000	GY	0.00	6.00
433	-0.5000	GY	0.00	6.00
434	-0.5000	GY	0.00	6.00
435	-0.5000	GY	0.00	6.00
997	-0.5000	GY	0.00	6.00
998	-0.5000	GY	0.00	6.00
1003	-0.5000	GY	0.00	6.00
1004	-0.5000	GY	0.00	6.00
1009	-0.5000	GY	0.00	6.00
1010	-0.5000	GY	0.00	6.00
1019	-0.5000	GY	0.00	2.00
1020	-0.5000	GY	0.00	2.00
1023	-0.5000	GY	0.00	2.00
1024	-0.5000	GY	0.00	2.00
1049	-0.5000	GY	0.00	2.00
1050	-0.5000	GY	0.00	2.00
1053	-0.5000	GY	0.00	2.00
1054	-0.5000	GY	0.00	2.00
1071	-0.5000	GY	0.00	2.00
1072	-0.5000	GY	0.00	2.00
1075	-0.5000	GY	0.00	2.00
1076	-0.5000	GY	0.00	2.00
1097	-0.5000	GY	0.00	2.00
1098	-0.5000	GY	0.00	2.00
1101	-0.5000	GY	0.00	2.00
1102	-0.5000	GY	0.00	2.00
1111	-0.5000	GY	0.00	6.00
1112	-0.5000	GY	0.00	6.00
7	-0.1900	GY	0.00	6.00
16	-0.1900	GY	0.00	1.50
63	-0.1900	GY	0.00	6.00
127	-0.1900	GY	0.00	6.00
148	-0.1900	GY	0.00	3.00
287	-0.1900	GY	0.00	4.50
376	-0.1900	GY	0.00	1.50
419	-0.1900	GY	0.00	6.00
810	-0.1900	GY	0.00	4.50
820	-0.1900	GY	0.00	1.50
833	-0.1900	GY	0.00	4.50
846	-0.1900	GY	0.00	3.00
377	-0.3800	GY	0.00	1.50
378	-0.3800	GY	0.00	6.00
420	-0.3800	GY	0.00	6.00
421	-0.3800	GY	0.00	3.00
806	-0.3800	GY	0.00	1.50
809	-0.3800	GY	0.00	6.00
819	-0.3800	GY	0.00	1.50
825	-0.3800	GY	0.00	6.00
828	-0.3800	GY	0.00	1.50
838	-0.3800	GY	0.00	1.50
849	-0.3800	GY	0.00	3.00
992	-0.3800	GY	0.00	1.50
560	-0.1000	GY	0.00	6.00

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561	-0.1000	GY	0.00	6.00
562	-0.1000	GY	0.00	6.00
563	-0.1000	GY	0.00	6.00
564	-0.1000	GY	0.00	6.00
565	-0.1000	GY	0.00	6.00
566	-0.1000	GY	0.00	6.00
567	-0.1000	GY	0.00	6.00
568	-0.1000	GY	0.00	6.00
580	-0.1000	GY	0.00	6.00
581	-0.1000	GY	0.00	6.00
582	-0.1000	GY	0.00	6.00
583	-0.1000	GY	0.00	3.00
584	-0.1000	GY	0.00	6.00
589	-0.1000	GY	0.00	6.00
590	-0.1000	GY	0.00	6.00
591	-0.1000	GY	0.00	6.00
592	-0.1000	GY	0.00	3.00
593	-0.1000	GY	0.00	6.00
605	-0.1000	GY	0.00	6.00
607	-0.1000	GY	0.00	6.00
608	-0.1000	GY	0.00	6.00
609	-0.1000	GY	0.00	6.00
610	-0.1000	GY	0.00	6.00
611	-0.1000	GY	0.00	6.00
612	-0.1000	GY	0.00	6.00
613	-0.1000	GY	0.00	6.00
619	-0.1000	GY	0.00	3.00
620	-0.1000	GY	0.00	3.00
569	-0.2000	GY	0.00	6.00
570	-0.2000	GY	0.00	6.00
571	-0.2000	GY	0.00	6.00
572	-0.2000	GY	0.00	6.00
573	-0.2000	GY	0.00	6.00
574	-0.2000	GY	0.00	6.00
575	-0.2000	GY	0.00	6.00
576	-0.2000	GY	0.00	6.00
577	-0.2000	GY	0.00	6.00
578	-0.2000	GY	0.00	6.00
579	-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
588	-0.2000	GY	0.00	6.00
594	-0.2000	GY	0.00	6.00
595	-0.2000	GY	0.00	6.00
596	-0.2000	GY	0.00	6.00
597	-0.2000	GY	0.00	6.00
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
604	-0.2000	GY	0.00	6.00
614	-0.2000	GY	0.00	3.00
615	-0.2000	GY	0.00	3.00

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621	-0.2000	GY	0.00	3.00
625	-0.2000	GY	0.00	3.00
632	-0.2000	GY	0.00	6.00
633	-0.2000	GY	0.00	6.00
638	-0.2000	GY	0.00	6.00
639	-0.2000	GY	0.00	6.00
644	-0.2000	GY	0.00	6.00
645	-0.2000	GY	0.00	6.00
650	-0.2000	GY	0.00	6.00
651	-0.2000	GY	0.00	6.00
656	-0.2000	GY	0.00	6.00
657	-0.2000	GY	0.00	6.00
666	-0.2000	GY	0.00	6.00
667	-0.2000	GY	0.00	6.00
668	-0.2000	GY	0.00	6.00
669	-0.2000	GY	0.00	6.00
670	-0.2000	GY	0.00	6.00
671	-0.2000	GY	0.00	6.00
672	-0.2000	GY	0.00	6.00
673	-0.2000	GY	0.00	6.00
680	-0.2000	GY	0.00	6.00
681	-0.2000	GY	0.00	6.00
682	-0.2000	GY	0.00	6.00
683	-0.2000	GY	0.00	6.00
684	-0.2000	GY	0.00	6.00
685	-0.2000	GY	0.00	6.00
690	-0.2000	GY	0.00	6.00
691	-0.2000	GY	0.00	6.00
700	-0.2000	GY	0.00	6.00
701	-0.2000	GY	0.00	6.00
702	-0.2000	GY	0.00	6.00
703	-0.2000	GY	0.00	6.00
704	-0.2000	GY	0.00	6.00
705	-0.2000	GY	0.00	6.00
706	-0.2000	GY	0.00	6.00
707	-0.2000	GY	0.00	6.00
716	-0.2000	GY	0.00	6.00
717	-0.2000	GY	0.00	6.00
718	-0.2000	GY	0.00	6.00
719	-0.2000	GY	0.00	6.00
720	-0.2000	GY	0.00	6.00
721	-0.2000	GY	0.00	6.00
722	-0.2000	GY	0.00	6.00
723	-0.2000	GY	0.00	6.00
732	-0.2000	GY	0.00	6.00
733	-0.2000	GY	0.00	6.00
734	-0.2000	GY	0.00	6.00
735	-0.2000	GY	0.00	6.00
736	-0.2000	GY	0.00	6.00
737	-0.2000	GY	0.00	6.00
738	-0.2000	GY	0.00	6.00
739	-0.2000	GY	0.00	6.00
741	-0.2000	GY	0.00	3.00
743	-0.2000	GY	0.00	3.00
748	-0.2000	GY	0.00	6.00
749	-0.2000	GY	0.00	6.00

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750	-0.2000	GY	0.00	6.00
751	-0.2000	GY	0.00	6.00
758	-0.2000	GY	0.00	6.00
759	-0.2000	GY	0.00	6.00
762	-0.2000	GY	0.00	6.00
763	-0.2000	GY	0.00	6.00
774	-0.2000	GY	0.00	6.00
775	-0.2000	GY	0.00	6.00
776	-0.2000	GY	0.00	6.00
777	-0.2000	GY	0.00	6.00
778	-0.2000	GY	0.00	6.00
779	-0.2000	GY	0.00	6.00
780	-0.2000	GY	0.00	6.00
781	-0.2000	GY	0.00	6.00
782	-0.2000	GY	0.00	6.00
783	-0.2000	GY	0.00	6.00
794	-0.2000	GY	0.00	6.00
795	-0.2000	GY	0.00	6.00
796	-0.2000	GY	0.00	6.00
797	-0.2000	GY	0.00	6.00
798	-0.2000	GY	0.00	6.00
799	-0.2000	GY	0.00	6.00
800	-0.2000	GY	0.00	6.00
801	-0.2000	GY	0.00	6.00
802	-0.2000	GY	0.00	6.00
803	-0.2000	GY	0.00	6.00

LOADING 4 LOADTYPE LIVE TITLE CV INST

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
3	-0.1800	GY	0.00	6.00			
5	-0.1800	GY	0.00	6.00			
10	-0.1800	GY	0.00	6.00			
12	-0.1800	GY	0.00	6.00			
14	-0.1800	GY	0.00	6.00			
16	-0.1800	GY	0.00	1.50			
25	-0.1800	GY	0.00	6.00			
27	-0.1800	GY	0.00	6.00			
50	-0.1800	GY	0.00	2.00			
58	-0.1800	GY	0.00	6.00			
61	-0.1800	GY	0.00	6.00			
63	-0.1800	GY	0.00	6.00			
67	-0.1800	GY	0.00	0.25			
74	-0.1800	GY	0.00	2.00			
75	-0.1800	GY	0.00	6.00			
78	-0.1800	GY	0.00	4.50			
84	-0.1800	GY	0.00	0.50			
88	-0.1800	GY	0.00	2.00			
89	-0.1800	GY	0.00	6.00			
103	-0.1800	GY	0.00	2.00			

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104	-0.1800	GY	0.00	0.25
107	-0.1800	GY	0.00	2.00
109	-0.1800	GY	0.00	2.00
118	-0.1800	GY	0.00	6.00
119	-0.1800	GY	0.00	6.00
120	-0.1800	GY	0.00	2.00
125	-0.1800	GY	0.00	0.25
127	-0.1800	GY	0.00	6.00
131	-0.1800	GY	0.00	2.00
134	-0.1800	GY	0.00	6.00
139	-0.1800	GY	0.00	2.00
144	-0.1800	GY	0.00	2.00
145	-0.1800	GY	0.00	2.00
146	-0.1800	GY	0.00	2.00
156	-0.1800	GY	0.00	6.00
220	-0.1800	GY	0.00	2.00
221	-0.1800	GY	0.00	2.00
252	-0.1800	GY	0.00	2.00
253	-0.1800	GY	0.00	2.00
254	-0.1800	GY	0.00	2.00
255	-0.1800	GY	0.00	2.00
269	-0.1800	GY	0.00	2.00
270	-0.1800	GY	0.00	2.00
285	-0.1800	GY	0.00	2.00
286	-0.1800	GY	0.00	2.00
291	-0.1800	GY	0.00	0.25
292	-0.1800	GY	0.00	0.25
322	-0.1800	GY	0.00	0.25
323	-0.1800	GY	0.00	0.25
325	-0.1800	GY	0.00	0.25
326	-0.1800	GY	0.00	0.25
346	-0.1800	GY	0.00	2.00
347	-0.1800	GY	0.00	2.00
348	-0.1800	GY	0.00	2.00
349	-0.1800	GY	0.00	2.00
366	-0.1800	GY	0.00	0.25
367	-0.1800	GY	0.00	0.25
368	-0.1800	GY	0.00	0.25
376	-0.1800	GY	0.00	1.50
379	-0.1800	GY	0.00	2.00
380	-0.1800	GY	0.00	2.00
381	-0.1800	GY	0.00	2.00
382	-0.1800	GY	0.00	2.00
419	-0.1800	GY	0.00	6.00
422	-0.1800	GY	0.00	2.00
423	-0.1800	GY	0.00	2.00
811	-0.1800	GY	0.00	4.50
820	-0.1800	GY	0.00	1.50
834	-0.1800	GY	0.00	4.50
993	-0.1800	GY	0.00	2.00
994	-0.1800	GY	0.00	2.00
999	-0.1800	GY	0.00	2.00
1000	-0.1800	GY	0.00	2.00
1005	-0.1800	GY	0.00	2.00
1006	-0.1800	GY	0.00	2.00
1011	-0.1800	GY	0.00	2.00

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1012	-0.1800	GY	0.00	1.75
1016	-0.1800	GY	0.00	1.75
1018	-0.1800	GY	0.00	1.75
1021	-0.1800	GY	0.00	2.00
1022	-0.1800	GY	0.00	2.00
1025	-0.1800	GY	0.00	1.75
1027	-0.1800	GY	0.00	1.75
1028	-0.1800	GY	0.00	1.75
1029	-0.1800	GY	0.00	2.00
1030	-0.1800	GY	0.00	2.00
1031	-0.1800	GY	0.00	0.25
1033	-0.1800	GY	0.00	0.25
1034	-0.1800	GY	0.00	0.25
1035	-0.1800	GY	0.00	2.00
1036	-0.1800	GY	0.00	2.00
1040	-0.1800	GY	0.00	1.75
1042	-0.1800	GY	0.00	1.75
1044	-0.1800	GY	0.00	1.75
1045	-0.1800	GY	0.00	1.75
1047	-0.1800	GY	0.00	0.25
1048	-0.1800	GY	0.00	0.25
1051	-0.1800	GY	0.00	2.00
1052	-0.1800	GY	0.00	2.00
1055	-0.1800	GY	0.00	2.00
1056	-0.1800	GY	0.00	2.00
1057	-0.1800	GY	0.00	2.00
1058	-0.1800	GY	0.00	2.00
1059	-0.1800	GY	0.00	2.00
1060	-0.1800	GY	0.00	1.75
1062	-0.1800	GY	0.00	1.75
1064	-0.1800	GY	0.00	1.75
1065	-0.1800	GY	0.00	1.75
1066	-0.1800	GY	0.00	1.75
1067	-0.1800	GY	0.00	1.75
1068	-0.1800	GY	0.00	0.25
1069	-0.1800	GY	0.00	0.25
1070	-0.1800	GY	0.00	0.25
1073	-0.1800	GY	0.00	2.00
1074	-0.1800	GY	0.00	2.00
1077	-0.1800	GY	0.00	2.00
1078	-0.1800	GY	0.00	2.00
1079	-0.1800	GY	0.00	2.00
1080	-0.1800	GY	0.00	2.00
1081	-0.1800	GY	0.00	2.00
1082	-0.1800	GY	0.00	1.75
1083	-0.1800	GY	0.00	1.75
1084	-0.1800	GY	0.00	0.25
1085	-0.1800	GY	0.00	2.00
1086	-0.1800	GY	0.00	1.75
1088	-0.1800	GY	0.00	1.75
1090	-0.1800	GY	0.00	1.75
1091	-0.1800	GY	0.00	1.75
1092	-0.1800	GY	0.00	1.75
1093	-0.1800	GY	0.00	1.75
1094	-0.1800	GY	0.00	0.25
1095	-0.1800	GY	0.00	0.25

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1096	-0.1800	GY	0.00	0.25
1099	-0.1800	GY	0.00	2.00
1100	-0.1800	GY	0.00	2.00
1103	-0.1800	GY	0.00	2.00
1104	-0.1800	GY	0.00	2.00
1105	-0.1800	GY	0.00	2.00
1106	-0.1800	GY	0.00	2.00
1113	-0.1800	GY	0.00	1.50
23	-0.3600	GY	0.00	6.00
29	-0.3600	GY	0.00	6.00
38	-0.3600	GY	0.00	6.00
40	-0.3600	GY	0.00	6.00
42	-0.3600	GY	0.00	6.00
44	-0.3600	GY	0.00	6.00
65	-0.3600	GY	0.00	6.00
80	-0.3600	GY	0.00	6.00
103	-0.3600	GY	0.00	2.00
126	-0.3600	GY	0.00	6.00
153	-0.3600	GY	0.00	6.00
154	-0.3600	GY	0.00	6.00
155	-0.3600	GY	0.00	6.00
165	-0.3600	GY	0.00	6.00
166	-0.3600	GY	0.00	6.00
169	-0.3600	GY	0.00	6.00
170	-0.3600	GY	0.00	6.00
175	-0.3600	GY	0.00	6.00
176	-0.3600	GY	0.00	6.00
181	-0.3600	GY	0.00	6.00
182	-0.3600	GY	0.00	6.00
189	-0.3600	GY	0.00	6.00
190	-0.3600	GY	0.00	6.00
191	-0.3600	GY	0.00	6.00
196	-0.3600	GY	0.00	6.00
197	-0.3600	GY	0.00	6.00
203	-0.3600	GY	0.00	6.00
204	-0.3600	GY	0.00	6.00
205	-0.3600	GY	0.00	6.00
206	-0.3600	GY	0.00	6.00
207	-0.3600	GY	0.00	6.00
213	-0.3600	GY	0.00	6.00
214	-0.3600	GY	0.00	6.00
215	-0.3600	GY	0.00	6.00
216	-0.3600	GY	0.00	6.00
217	-0.3600	GY	0.00	6.00
222	-0.3600	GY	0.00	6.00
223	-0.3600	GY	0.00	6.00
224	-0.3600	GY	0.00	6.00
225	-0.3600	GY	0.00	6.00
226	-0.3600	GY	0.00	6.00
233	-0.3600	GY	0.00	6.00
235	-0.3600	GY	0.00	6.00
237	-0.3600	GY	0.00	6.00
239	-0.3600	GY	0.00	6.00
241	-0.3600	GY	0.00	6.00
247	-0.3600	GY	0.00	6.00
248	-0.3600	GY	0.00	6.00

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249	-0.3600	GY	0.00	6.00
250	-0.3600	GY	0.00	6.00
251	-0.3600	GY	0.00	6.00
256	-0.3600	GY	0.00	6.00
257	-0.3600	GY	0.00	6.00
258	-0.3600	GY	0.00	6.00
259	-0.3600	GY	0.00	6.00
260	-0.3600	GY	0.00	6.00
271	-0.3600	GY	0.00	6.00
272	-0.3600	GY	0.00	6.00
273	-0.3600	GY	0.00	6.00
274	-0.3600	GY	0.00	6.00
275	-0.3600	GY	0.00	6.00
276	-0.3600	GY	0.00	6.00
277	-0.3600	GY	0.00	6.00
278	-0.3600	GY	0.00	6.00
289	-0.3600	GY	0.00	6.00
290	-0.3600	GY	0.00	6.00
299	-0.3600	GY	0.00	6.00
300	-0.3600	GY	0.00	6.00
301	-0.3600	GY	0.00	6.00
302	-0.3600	GY	0.00	6.00
305	-0.3600	GY	0.00	6.00
306	-0.3600	GY	0.00	6.00
310	-0.3600	GY	0.00	6.00
311	-0.3600	GY	0.00	6.00
315	-0.3600	GY	0.00	6.00
316	-0.3600	GY	0.00	6.00
332	-0.3600	GY	0.00	6.00
333	-0.3600	GY	0.00	6.00
334	-0.3600	GY	0.00	6.00
335	-0.3600	GY	0.00	6.00
336	-0.3600	GY	0.00	6.00
341	-0.3600	GY	0.00	6.00
342	-0.3600	GY	0.00	6.00
343	-0.3600	GY	0.00	6.00
344	-0.3600	GY	0.00	6.00
345	-0.3600	GY	0.00	6.00
364	-0.3600	GY	0.00	6.00
365	-0.3600	GY	0.00	6.00
369	-0.3600	GY	0.00	6.00
370	-0.3600	GY	0.00	6.00
371	-0.3600	GY	0.00	6.00
372	-0.3600	GY	0.00	6.00
373	-0.3600	GY	0.00	6.00
374	-0.3600	GY	0.00	6.00
375	-0.3600	GY	0.00	6.00
381	-0.3600	GY	0.00	2.00
382	-0.3600	GY	0.00	2.00
384	-0.3600	GY	0.00	6.00
386	-0.3600	GY	0.00	6.00
388	-0.3600	GY	0.00	6.00
390	-0.3600	GY	0.00	6.00
392	-0.3600	GY	0.00	6.00
397	-0.3600	GY	0.00	6.00
398	-0.3600	GY	0.00	6.00

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399	-0.3600	GY	0.00	6.00
400	-0.3600	GY	0.00	6.00
401	-0.3600	GY	0.00	6.00
407	-0.3600	GY	0.00	6.00
408	-0.3600	GY	0.00	6.00
409	-0.3600	GY	0.00	6.00
410	-0.3600	GY	0.00	6.00
411	-0.3600	GY	0.00	6.00
417	-0.3600	GY	0.00	6.00
418	-0.3600	GY	0.00	6.00
430	-0.3600	GY	0.00	6.00
431	-0.3600	GY	0.00	6.00
432	-0.3600	GY	0.00	6.00
433	-0.3600	GY	0.00	6.00
434	-0.3600	GY	0.00	6.00
435	-0.3600	GY	0.00	6.00
997	-0.3600	GY	0.00	6.00
998	-0.3600	GY	0.00	6.00
1003	-0.3600	GY	0.00	6.00
1004	-0.3600	GY	0.00	6.00
1009	-0.3600	GY	0.00	6.00
1010	-0.3600	GY	0.00	6.00
1019	-0.3600	GY	0.00	2.00
1020	-0.3600	GY	0.00	2.00
1023	-0.3600	GY	0.00	2.00
1024	-0.3600	GY	0.00	2.00
1049	-0.3600	GY	0.00	2.00
1050	-0.3600	GY	0.00	2.00
1053	-0.3600	GY	0.00	2.00
1054	-0.3600	GY	0.00	2.00
1071	-0.3600	GY	0.00	2.00
1072	-0.3600	GY	0.00	2.00
1075	-0.3600	GY	0.00	2.00
1076	-0.3600	GY	0.00	2.00
1097	-0.3600	GY	0.00	2.00
1098	-0.3600	GY	0.00	2.00
1101	-0.3600	GY	0.00	2.00
1102	-0.3600	GY	0.00	2.00
1111	-0.3600	GY	0.00	6.00
1112	-0.3600	GY	0.00	6.00
7	-0.1400	GY	0.00	6.00
16	-0.1400	GY	0.00	1.50
63	-0.1400	GY	0.00	6.00
127	-0.1400	GY	0.00	6.00
148	-0.1400	GY	0.00	3.00
287	-0.1400	GY	0.00	4.50
376	-0.1400	GY	0.00	1.50
419	-0.1400	GY	0.00	6.00
810	-0.1400	GY	0.00	4.50
820	-0.1400	GY	0.00	1.50
833	-0.1400	GY	0.00	4.50
846	-0.1400	GY	0.00	3.00
377	-0.2700	GY	0.00	1.50
378	-0.2700	GY	0.00	6.00
420	-0.2700	GY	0.00	6.00
421	-0.2700	GY	0.00	3.00

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806	-0.2700	GY	0.00	1.50
809	-0.2700	GY	0.00	6.00
819	-0.2700	GY	0.00	1.50
825	-0.2700	GY	0.00	6.00
828	-0.2700	GY	0.00	1.50
838	-0.2700	GY	0.00	1.50
849	-0.2700	GY	0.00	3.00
992	-0.2700	GY	0.00	1.50
560	-0.0700	GY	0.00	6.00
561	-0.0700	GY	0.00	6.00
562	-0.0700	GY	0.00	6.00
563	-0.0700	GY	0.00	6.00
564	-0.0700	GY	0.00	6.00
565	-0.0700	GY	0.00	6.00
566	-0.0700	GY	0.00	6.00
567	-0.0700	GY	0.00	6.00
568	-0.0700	GY	0.00	6.00
580	-0.0700	GY	0.00	6.00
581	-0.0700	GY	0.00	6.00
582	-0.0700	GY	0.00	6.00
583	-0.0700	GY	0.00	3.00
584	-0.0700	GY	0.00	6.00
589	-0.0700	GY	0.00	6.00
590	-0.0700	GY	0.00	6.00
591	-0.0700	GY	0.00	6.00
592	-0.0700	GY	0.00	3.00
593	-0.0700	GY	0.00	6.00
605	-0.0700	GY	0.00	6.00
607	-0.0700	GY	0.00	6.00
608	-0.0700	GY	0.00	6.00
609	-0.0700	GY	0.00	6.00
610	-0.0700	GY	0.00	6.00
611	-0.0700	GY	0.00	6.00
612	-0.0700	GY	0.00	6.00
613	-0.0700	GY	0.00	6.00
619	-0.0700	GY	0.00	3.00
620	-0.0700	GY	0.00	3.00
569	-0.1400	GY	0.00	6.00
570	-0.1400	GY	0.00	6.00
571	-0.1400	GY	0.00	6.00
572	-0.1400	GY	0.00	6.00
573	-0.1400	GY	0.00	6.00
574	-0.1400	GY	0.00	6.00
575	-0.1400	GY	0.00	6.00
576	-0.1400	GY	0.00	6.00
577	-0.1400	GY	0.00	6.00
578	-0.1400	GY	0.00	6.00
579	-0.1400	GY	0.00	6.00
585	-0.1400	GY	0.00	6.00
586	-0.1400	GY	0.00	6.00
587	-0.1400	GY	0.00	6.00
588	-0.1400	GY	0.00	6.00
594	-0.1400	GY	0.00	6.00
595	-0.1400	GY	0.00	6.00
596	-0.1400	GY	0.00	6.00
597	-0.1400	GY	0.00	6.00

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598	-0.1400	GY	0.00	6.00
599	-0.1400	GY	0.00	6.00
600	-0.1400	GY	0.00	6.00
601	-0.1400	GY	0.00	6.00
602	-0.1400	GY	0.00	6.00
603	-0.1400	GY	0.00	6.00
604	-0.1400	GY	0.00	6.00
614	-0.1400	GY	0.00	3.00
615	-0.1400	GY	0.00	3.00
621	-0.1400	GY	0.00	3.00
625	-0.1400	GY	0.00	3.00
632	-0.1400	GY	0.00	6.00
633	-0.1400	GY	0.00	6.00
638	-0.1400	GY	0.00	6.00
639	-0.1400	GY	0.00	6.00
644	-0.1400	GY	0.00	6.00
645	-0.1400	GY	0.00	6.00
650	-0.1400	GY	0.00	6.00
651	-0.1400	GY	0.00	6.00
656	-0.1400	GY	0.00	6.00
657	-0.1400	GY	0.00	6.00
666	-0.1400	GY	0.00	6.00
667	-0.1400	GY	0.00	6.00
668	-0.1400	GY	0.00	6.00
669	-0.1400	GY	0.00	6.00
670	-0.1400	GY	0.00	6.00
671	-0.1400	GY	0.00	6.00
672	-0.1400	GY	0.00	6.00
673	-0.1400	GY	0.00	6.00
680	-0.1400	GY	0.00	6.00
681	-0.1400	GY	0.00	6.00
682	-0.1400	GY	0.00	6.00
683	-0.1400	GY	0.00	6.00
684	-0.1400	GY	0.00	6.00
685	-0.1400	GY	0.00	6.00
690	-0.1400	GY	0.00	6.00
691	-0.1400	GY	0.00	6.00
700	-0.1400	GY	0.00	6.00
701	-0.1400	GY	0.00	6.00
702	-0.1400	GY	0.00	6.00
703	-0.1400	GY	0.00	6.00
704	-0.1400	GY	0.00	6.00
705	-0.1400	GY	0.00	6.00
706	-0.1400	GY	0.00	6.00
707	-0.1400	GY	0.00	6.00
716	-0.1400	GY	0.00	6.00
717	-0.1400	GY	0.00	6.00
718	-0.1400	GY	0.00	6.00
719	-0.1400	GY	0.00	6.00
720	-0.1400	GY	0.00	6.00
721	-0.1400	GY	0.00	6.00
722	-0.1400	GY	0.00	6.00
723	-0.1400	GY	0.00	6.00
732	-0.1400	GY	0.00	6.00
733	-0.1400	GY	0.00	6.00
734	-0.1400	GY	0.00	6.00

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735	-0.1400	GY	0.00	6.00
736	-0.1400	GY	0.00	6.00
737	-0.1400	GY	0.00	6.00
738	-0.1400	GY	0.00	6.00
739	-0.1400	GY	0.00	6.00
741	-0.1400	GY	0.00	3.00
743	-0.1400	GY	0.00	3.00
748	-0.1400	GY	0.00	6.00
749	-0.1400	GY	0.00	6.00
750	-0.1400	GY	0.00	6.00
751	-0.1400	GY	0.00	6.00
758	-0.1400	GY	0.00	6.00
759	-0.1400	GY	0.00	6.00
762	-0.1400	GY	0.00	6.00
763	-0.1400	GY	0.00	6.00
774	-0.1400	GY	0.00	6.00
775	-0.1400	GY	0.00	6.00
776	-0.1400	GY	0.00	6.00
777	-0.1400	GY	0.00	6.00
778	-0.1400	GY	0.00	6.00
779	-0.1400	GY	0.00	6.00
780	-0.1400	GY	0.00	6.00
781	-0.1400	GY	0.00	6.00
782	-0.1400	GY	0.00	6.00
783	-0.1400	GY	0.00	6.00
794	-0.1400	GY	0.00	6.00
795	-0.1400	GY	0.00	6.00
796	-0.1400	GY	0.00	6.00
797	-0.1400	GY	0.00	6.00
798	-0.1400	GY	0.00	6.00
799	-0.1400	GY	0.00	6.00
800	-0.1400	GY	0.00	6.00
801	-0.1400	GY	0.00	6.00
802	-0.1400	GY	0.00	6.00
803	-0.1400	GY	0.00	6.00

LOADING 5 LOADTYPE LIVE TITLE CV MEDIA

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
3	-0.1000	GY	0.00	6.00			
5	-0.1000	GY	0.00	6.00			
10	-0.1000	GY	0.00	6.00			
12	-0.1000	GY	0.00	6.00			
14	-0.1000	GY	0.00	6.00			
16	-0.1000	GY	0.00	1.50			
25	-0.1000	GY	0.00	6.00			
27	-0.1000	GY	0.00	6.00			
50	-0.1000	GY	0.00	2.00			
58	-0.1000	GY	0.00	6.00			
61	-0.1000	GY	0.00	6.00			

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63	-0.1000	GY	0.00	6.00
67	-0.1000	GY	0.00	0.25
74	-0.1000	GY	0.00	2.00
75	-0.1000	GY	0.00	6.00
78	-0.1000	GY	0.00	4.50
84	-0.1000	GY	0.00	0.50
88	-0.1000	GY	0.00	2.00
89	-0.1000	GY	0.00	6.00
103	-0.1000	GY	0.00	2.00
104	-0.1000	GY	0.00	0.25
107	-0.1000	GY	0.00	2.00
109	-0.1000	GY	0.00	2.00
118	-0.1000	GY	0.00	6.00
119	-0.1000	GY	0.00	6.00
120	-0.1000	GY	0.00	2.00
125	-0.1000	GY	0.00	0.25
127	-0.1000	GY	0.00	6.00
131	-0.1000	GY	0.00	2.00
134	-0.1000	GY	0.00	6.00
139	-0.1000	GY	0.00	2.00
144	-0.1000	GY	0.00	2.00
145	-0.1000	GY	0.00	2.00
146	-0.1000	GY	0.00	2.00
156	-0.1000	GY	0.00	6.00
220	-0.1000	GY	0.00	2.00
221	-0.1000	GY	0.00	2.00
252	-0.1000	GY	0.00	2.00
253	-0.1000	GY	0.00	2.00
254	-0.1000	GY	0.00	2.00
255	-0.1000	GY	0.00	2.00
269	-0.1000	GY	0.00	2.00
270	-0.1000	GY	0.00	2.00
285	-0.1000	GY	0.00	2.00
286	-0.1000	GY	0.00	2.00
291	-0.1000	GY	0.00	0.25
292	-0.1000	GY	0.00	0.25
322	-0.1000	GY	0.00	0.25
323	-0.1000	GY	0.00	0.25
325	-0.1000	GY	0.00	0.25
326	-0.1000	GY	0.00	0.25
346	-0.1000	GY	0.00	2.00
347	-0.1000	GY	0.00	2.00
348	-0.1000	GY	0.00	2.00
349	-0.1000	GY	0.00	2.00
366	-0.1000	GY	0.00	0.25
367	-0.1000	GY	0.00	0.25
368	-0.1000	GY	0.00	0.25
376	-0.1000	GY	0.00	1.50
379	-0.1000	GY	0.00	2.00
380	-0.1000	GY	0.00	2.00
381	-0.1000	GY	0.00	2.00
382	-0.1000	GY	0.00	2.00
419	-0.1000	GY	0.00	6.00
422	-0.1000	GY	0.00	2.00
423	-0.1000	GY	0.00	2.00
811	-0.1000	GY	0.00	4.50

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820	-0.1000	GY	0.00	1.50
834	-0.1000	GY	0.00	4.50
993	-0.1000	GY	0.00	2.00
994	-0.1000	GY	0.00	2.00
999	-0.1000	GY	0.00	2.00
1000	-0.1000	GY	0.00	2.00
1005	-0.1000	GY	0.00	2.00
1006	-0.1000	GY	0.00	2.00
1011	-0.1000	GY	0.00	2.00
1012	-0.1000	GY	0.00	1.75
1016	-0.1000	GY	0.00	1.75
1018	-0.1000	GY	0.00	1.75
1021	-0.1000	GY	0.00	2.00
1022	-0.1000	GY	0.00	2.00
1025	-0.1000	GY	0.00	1.75
1027	-0.1000	GY	0.00	1.75
1028	-0.1000	GY	0.00	1.75
1029	-0.1000	GY	0.00	2.00
1030	-0.1000	GY	0.00	2.00
1031	-0.1000	GY	0.00	0.25
1033	-0.1000	GY	0.00	0.25
1034	-0.1000	GY	0.00	0.25
1035	-0.1000	GY	0.00	2.00
1036	-0.1000	GY	0.00	2.00
1040	-0.1000	GY	0.00	1.75
1042	-0.1000	GY	0.00	1.75
1044	-0.1000	GY	0.00	1.75
1045	-0.1000	GY	0.00	1.75
1047	-0.1000	GY	0.00	0.25
1048	-0.1000	GY	0.00	0.25
1051	-0.1000	GY	0.00	2.00
1052	-0.1000	GY	0.00	2.00
1055	-0.1000	GY	0.00	2.00
1056	-0.1000	GY	0.00	2.00
1057	-0.1000	GY	0.00	2.00
1058	-0.1000	GY	0.00	2.00
1059	-0.1000	GY	0.00	2.00
1060	-0.1000	GY	0.00	1.75
1062	-0.1000	GY	0.00	1.75
1064	-0.1000	GY	0.00	1.75
1065	-0.1000	GY	0.00	1.75
1066	-0.1000	GY	0.00	1.75
1067	-0.1000	GY	0.00	1.75
1068	-0.1000	GY	0.00	0.25
1069	-0.1000	GY	0.00	0.25
1070	-0.1000	GY	0.00	0.25
1073	-0.1000	GY	0.00	2.00
1074	-0.1000	GY	0.00	2.00
1077	-0.1000	GY	0.00	2.00
1078	-0.1000	GY	0.00	2.00
1079	-0.1000	GY	0.00	2.00
1080	-0.1000	GY	0.00	2.00
1081	-0.1000	GY	0.00	2.00
1082	-0.1000	GY	0.00	1.75
1083	-0.1000	GY	0.00	1.75
1084	-0.1000	GY	0.00	0.25

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1085	-0.1000	GY	0.00	2.00
1086	-0.1000	GY	0.00	1.75
1088	-0.1000	GY	0.00	1.75
1090	-0.1000	GY	0.00	1.75
1091	-0.1000	GY	0.00	1.75
1092	-0.1000	GY	0.00	1.75
1093	-0.1000	GY	0.00	1.75
1094	-0.1000	GY	0.00	0.25
1095	-0.1000	GY	0.00	0.25
1096	-0.1000	GY	0.00	0.25
1099	-0.1000	GY	0.00	2.00
1100	-0.1000	GY	0.00	2.00
1103	-0.1000	GY	0.00	2.00
1104	-0.1000	GY	0.00	2.00
1105	-0.1000	GY	0.00	2.00
1106	-0.1000	GY	0.00	2.00
1113	-0.1000	GY	0.00	1.50
23	-0.2000	GY	0.00	6.00
29	-0.2000	GY	0.00	6.00
38	-0.2000	GY	0.00	6.00
40	-0.2000	GY	0.00	6.00
42	-0.2000	GY	0.00	6.00
44	-0.2000	GY	0.00	6.00
65	-0.2000	GY	0.00	6.00
80	-0.2000	GY	0.00	6.00
103	-0.2000	GY	0.00	2.00
126	-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
165	-0.2000	GY	0.00	6.00
166	-0.2000	GY	0.00	6.00
169	-0.2000	GY	0.00	6.00
170	-0.2000	GY	0.00	6.00
175	-0.2000	GY	0.00	6.00
176	-0.2000	GY	0.00	6.00
181	-0.2000	GY	0.00	6.00
182	-0.2000	GY	0.00	6.00
189	-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
203	-0.2000	GY	0.00	6.00
204	-0.2000	GY	0.00	6.00
205	-0.2000	GY	0.00	6.00
206	-0.2000	GY	0.00	6.00
207	-0.2000	GY	0.00	6.00
213	-0.2000	GY	0.00	6.00
214	-0.2000	GY	0.00	6.00
215	-0.2000	GY	0.00	6.00
216	-0.2000	GY	0.00	6.00
217	-0.2000	GY	0.00	6.00
222	-0.2000	GY	0.00	6.00
223	-0.2000	GY	0.00	6.00
224	-0.2000	GY	0.00	6.00

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225	-0.2000	GY	0.00	6.00
226	-0.2000	GY	0.00	6.00
233	-0.2000	GY	0.00	6.00
235	-0.2000	GY	0.00	6.00
237	-0.2000	GY	0.00	6.00
239	-0.2000	GY	0.00	6.00
241	-0.2000	GY	0.00	6.00
247	-0.2000	GY	0.00	6.00
248	-0.2000	GY	0.00	6.00
249	-0.2000	GY	0.00	6.00
250	-0.2000	GY	0.00	6.00
251	-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
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
278	-0.2000	GY	0.00	6.00
289	-0.2000	GY	0.00	6.00
290	-0.2000	GY	0.00	6.00
299	-0.2000	GY	0.00	6.00
300	-0.2000	GY	0.00	6.00
301	-0.2000	GY	0.00	6.00
302	-0.2000	GY	0.00	6.00
305	-0.2000	GY	0.00	6.00
306	-0.2000	GY	0.00	6.00
310	-0.2000	GY	0.00	6.00
311	-0.2000	GY	0.00	6.00
315	-0.2000	GY	0.00	6.00
316	-0.2000	GY	0.00	6.00
332	-0.2000	GY	0.00	6.00
333	-0.2000	GY	0.00	6.00
334	-0.2000	GY	0.00	6.00
335	-0.2000	GY	0.00	6.00
336	-0.2000	GY	0.00	6.00
341	-0.2000	GY	0.00	6.00
342	-0.2000	GY	0.00	6.00
343	-0.2000	GY	0.00	6.00
344	-0.2000	GY	0.00	6.00
345	-0.2000	GY	0.00	6.00
364	-0.2000	GY	0.00	6.00
365	-0.2000	GY	0.00	6.00
369	-0.2000	GY	0.00	6.00
370	-0.2000	GY	0.00	6.00
371	-0.2000	GY	0.00	6.00
372	-0.2000	GY	0.00	6.00
373	-0.2000	GY	0.00	6.00
374	-0.2000	GY	0.00	6.00
375	-0.2000	GY	0.00	6.00

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381	-0.2000	GY	0.00	2.00
382	-0.2000	GY	0.00	2.00
384	-0.2000	GY	0.00	6.00
386	-0.2000	GY	0.00	6.00
388	-0.2000	GY	0.00	6.00
390	-0.2000	GY	0.00	6.00
392	-0.2000	GY	0.00	6.00
397	-0.2000	GY	0.00	6.00
398	-0.2000	GY	0.00	6.00
399	-0.2000	GY	0.00	6.00
400	-0.2000	GY	0.00	6.00
401	-0.2000	GY	0.00	6.00
407	-0.2000	GY	0.00	6.00
408	-0.2000	GY	0.00	6.00
409	-0.2000	GY	0.00	6.00
410	-0.2000	GY	0.00	6.00
411	-0.2000	GY	0.00	6.00
417	-0.2000	GY	0.00	6.00
418	-0.2000	GY	0.00	6.00
430	-0.2000	GY	0.00	6.00
431	-0.2000	GY	0.00	6.00
432	-0.2000	GY	0.00	6.00
433	-0.2000	GY	0.00	6.00
434	-0.2000	GY	0.00	6.00
435	-0.2000	GY	0.00	6.00
997	-0.2000	GY	0.00	6.00
998	-0.2000	GY	0.00	6.00
1003	-0.2000	GY	0.00	6.00
1004	-0.2000	GY	0.00	6.00
1009	-0.2000	GY	0.00	6.00
1010	-0.2000	GY	0.00	6.00
1019	-0.2000	GY	0.00	2.00
1020	-0.2000	GY	0.00	2.00
1023	-0.2000	GY	0.00	2.00
1024	-0.2000	GY	0.00	2.00
1049	-0.2000	GY	0.00	2.00
1050	-0.2000	GY	0.00	2.00
1053	-0.2000	GY	0.00	2.00
1054	-0.2000	GY	0.00	2.00
1071	-0.2000	GY	0.00	2.00
1072	-0.2000	GY	0.00	2.00
1075	-0.2000	GY	0.00	2.00
1076	-0.2000	GY	0.00	2.00
1097	-0.2000	GY	0.00	2.00
1098	-0.2000	GY	0.00	2.00
1101	-0.2000	GY	0.00	2.00
1102	-0.2000	GY	0.00	2.00
1111	-0.2000	GY	0.00	6.00
1112	-0.2000	GY	0.00	6.00
7	-0.0750	GY	0.00	6.00
16	-0.0750	GY	0.00	1.50
63	-0.0750	GY	0.00	6.00
127	-0.0750	GY	0.00	6.00
148	-0.0750	GY	0.00	3.00
287	-0.0750	GY	0.00	4.50
376	-0.0750	GY	0.00	1.50

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419	-0.0750	GY	0.00	6.00
810	-0.0750	GY	0.00	4.50
820	-0.0750	GY	0.00	1.50
833	-0.0750	GY	0.00	4.50
846	-0.0750	GY	0.00	3.00
377	-0.1500	GY	0.00	1.50
378	-0.1500	GY	0.00	6.00
420	-0.1500	GY	0.00	6.00
421	-0.1500	GY	0.00	3.00
806	-0.1500	GY	0.00	1.50
809	-0.1500	GY	0.00	6.00
819	-0.1500	GY	0.00	1.50
825	-0.1500	GY	0.00	6.00
828	-0.1500	GY	0.00	1.50
838	-0.1500	GY	0.00	1.50
849	-0.1500	GY	0.00	3.00
992	-0.1500	GY	0.00	1.50
560	-0.0150	GY	0.00	6.00
561	-0.0150	GY	0.00	6.00
562	-0.0150	GY	0.00	6.00
563	-0.0150	GY	0.00	6.00
564	-0.0150	GY	0.00	6.00
565	-0.0150	GY	0.00	6.00
566	-0.0150	GY	0.00	6.00
567	-0.0150	GY	0.00	6.00
568	-0.0150	GY	0.00	6.00
580	-0.0150	GY	0.00	6.00
581	-0.0150	GY	0.00	6.00
582	-0.0150	GY	0.00	6.00
583	-0.0150	GY	0.00	3.00
584	-0.0150	GY	0.00	6.00
589	-0.0150	GY	0.00	6.00
590	-0.0150	GY	0.00	6.00
591	-0.0150	GY	0.00	6.00
592	-0.0150	GY	0.00	3.00
593	-0.0150	GY	0.00	6.00
605	-0.0150	GY	0.00	6.00
607	-0.0150	GY	0.00	6.00
608	-0.0150	GY	0.00	6.00
609	-0.0150	GY	0.00	6.00
610	-0.0150	GY	0.00	6.00
611	-0.0150	GY	0.00	6.00
612	-0.0150	GY	0.00	6.00
613	-0.0150	GY	0.00	6.00
619	-0.0150	GY	0.00	3.00
620	-0.0150	GY	0.00	3.00
569	-0.0300	GY	0.00	6.00
570	-0.0300	GY	0.00	6.00
571	-0.0300	GY	0.00	6.00
572	-0.0300	GY	0.00	6.00
573	-0.0300	GY	0.00	6.00
574	-0.0300	GY	0.00	6.00
575	-0.0300	GY	0.00	6.00
576	-0.0300	GY	0.00	6.00
577	-0.0300	GY	0.00	6.00
578	-0.0300	GY	0.00	6.00

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579	-0.0300	GY	0.00	6.00
585	-0.0300	GY	0.00	6.00
586	-0.0300	GY	0.00	6.00
587	-0.0300	GY	0.00	6.00
588	-0.0300	GY	0.00	6.00
594	-0.0300	GY	0.00	6.00
595	-0.0300	GY	0.00	6.00
596	-0.0300	GY	0.00	6.00
597	-0.0300	GY	0.00	6.00
598	-0.0300	GY	0.00	6.00
599	-0.0300	GY	0.00	6.00
600	-0.0300	GY	0.00	6.00
601	-0.0300	GY	0.00	6.00
602	-0.0300	GY	0.00	6.00
603	-0.0300	GY	0.00	6.00
604	-0.0300	GY	0.00	6.00
614	-0.0300	GY	0.00	3.00
615	-0.0300	GY	0.00	3.00
621	-0.0300	GY	0.00	3.00
625	-0.0300	GY	0.00	3.00
632	-0.0300	GY	0.00	6.00
633	-0.0300	GY	0.00	6.00
638	-0.0300	GY	0.00	6.00
639	-0.0300	GY	0.00	6.00
644	-0.0300	GY	0.00	6.00
645	-0.0300	GY	0.00	6.00
650	-0.0300	GY	0.00	6.00
651	-0.0300	GY	0.00	6.00
656	-0.0300	GY	0.00	6.00
657	-0.0300	GY	0.00	6.00
666	-0.0300	GY	0.00	6.00
667	-0.0300	GY	0.00	6.00
668	-0.0300	GY	0.00	6.00
669	-0.0300	GY	0.00	6.00
670	-0.0300	GY	0.00	6.00
671	-0.0300	GY	0.00	6.00
672	-0.0300	GY	0.00	6.00
673	-0.0300	GY	0.00	6.00
680	-0.0300	GY	0.00	6.00
681	-0.0300	GY	0.00	6.00
682	-0.0300	GY	0.00	6.00
683	-0.0300	GY	0.00	6.00
684	-0.0300	GY	0.00	6.00
685	-0.0300	GY	0.00	6.00
690	-0.0300	GY	0.00	6.00
691	-0.0300	GY	0.00	6.00
700	-0.0300	GY	0.00	6.00
701	-0.0300	GY	0.00	6.00
702	-0.0300	GY	0.00	6.00
703	-0.0300	GY	0.00	6.00
704	-0.0300	GY	0.00	6.00
705	-0.0300	GY	0.00	6.00
706	-0.0300	GY	0.00	6.00
707	-0.0300	GY	0.00	6.00
716	-0.0300	GY	0.00	6.00
717	-0.0300	GY	0.00	6.00

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718	-0.0300	GY	0.00	6.00
719	-0.0300	GY	0.00	6.00
720	-0.0300	GY	0.00	6.00
721	-0.0300	GY	0.00	6.00
722	-0.0300	GY	0.00	6.00
723	-0.0300	GY	0.00	6.00
732	-0.0300	GY	0.00	6.00
733	-0.0300	GY	0.00	6.00
734	-0.0300	GY	0.00	6.00
735	-0.0300	GY	0.00	6.00
736	-0.0300	GY	0.00	6.00
737	-0.0300	GY	0.00	6.00
738	-0.0300	GY	0.00	6.00
739	-0.0300	GY	0.00	6.00
741	-0.0300	GY	0.00	3.00
743	-0.0300	GY	0.00	3.00
748	-0.0300	GY	0.00	6.00
749	-0.0300	GY	0.00	6.00
750	-0.0300	GY	0.00	6.00
751	-0.0300	GY	0.00	6.00
758	-0.0300	GY	0.00	6.00
759	-0.0300	GY	0.00	6.00
762	-0.0300	GY	0.00	6.00
763	-0.0300	GY	0.00	6.00
774	-0.0300	GY	0.00	6.00
775	-0.0300	GY	0.00	6.00
776	-0.0300	GY	0.00	6.00
777	-0.0300	GY	0.00	6.00
778	-0.0300	GY	0.00	6.00
779	-0.0300	GY	0.00	6.00
780	-0.0300	GY	0.00	6.00
781	-0.0300	GY	0.00	6.00
782	-0.0300	GY	0.00	6.00
783	-0.0300	GY	0.00	6.00
794	-0.0300	GY	0.00	6.00
795	-0.0300	GY	0.00	6.00
796	-0.0300	GY	0.00	6.00
797	-0.0300	GY	0.00	6.00
798	-0.0300	GY	0.00	6.00
799	-0.0300	GY	0.00	6.00
800	-0.0300	GY	0.00	6.00
801	-0.0300	GY	0.00	6.00
802	-0.0300	GY	0.00	6.00
803	-0.0300	GY	0.00	6.00

LOADING 6 LOADTYPE DEAD TITLE EQUIPOS

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
599	-0.2500	GY	0.00	6.00			
600	-0.2500	GY	0.00	6.00			

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601	-0.2500	GY	0.00	6.00
705	-0.2500	GY	0.00	6.00
706	-0.2500	GY	0.00	6.00
721	-0.2500	GY	0.00	6.00
722	-0.2500	GY	0.00	6.00
737	-0.2500	GY	0.00	6.00
738	-0.2500	GY	0.00	6.00

LOADING 7 LOADTYPE DEAD TITLE ARRIATE

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1021	-1.8000	GY	0.00	2.00			
1022	-1.8000	GY	0.00	2.00			
1051	-1.8000	GY	0.00	2.00			
1052	-1.8000	GY	0.00	2.00			
1073	-1.8000	GY	0.00	2.00			
1074	-1.8000	GY	0.00	2.00			
1021				-0.7500	GY	1.00	
1022				-0.7500	GY	1.00	
1051				-0.7500	GY	1.00	
1052				-0.7500	GY	1.00	
1073				-0.7500	GY	1.00	
1074				-0.7500	GY	1.00	

LOADING 8 LOADTYPE SEISMIC TITLE SISMO X

SELFWEIGHT X 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 244.303 MTON

SELFWEIGHT Y 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 244.303 MTON

SELFWEIGHT Z 1.000

ACTUAL WEIGHT OF THE STRUCTURE = 244.303 MTON

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
3	0.4200	GX	0.00	6.00			
5	0.4200	GX	0.00	6.00			
10	0.4200	GX	0.00	6.00			
12	0.4200	GX	0.00	6.00			
14	0.4200	GX	0.00	6.00			

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16	0.4200	GX	0.00	1.50
25	0.4200	GX	0.00	6.00
27	0.4200	GX	0.00	6.00
50	0.4200	GX	0.00	2.00
58	0.4200	GX	0.00	6.00
61	0.4200	GX	0.00	6.00
63	0.4200	GX	0.00	6.00
67	0.4200	GX	0.00	0.25
74	0.4200	GX	0.00	2.00
75	0.4200	GX	0.00	6.00
78	0.4200	GX	0.00	4.50
84	0.4200	GX	0.00	0.50
88	0.4200	GX	0.00	2.00
89	0.4200	GX	0.00	6.00
103	0.4200	GX	0.00	2.00
104	0.4200	GX	0.00	0.25
107	0.4200	GX	0.00	2.00
109	0.4200	GX	0.00	2.00
118	0.4200	GX	0.00	6.00
119	0.4200	GX	0.00	6.00
120	0.4200	GX	0.00	2.00
125	0.4200	GX	0.00	0.25
127	0.4200	GX	0.00	6.00
131	0.4200	GX	0.00	2.00
134	0.4200	GX	0.00	6.00
139	0.4200	GX	0.00	2.00
144	0.4200	GX	0.00	2.00
145	0.4200	GX	0.00	2.00
146	0.4200	GX	0.00	2.00
156	0.4200	GX	0.00	6.00
220	0.4200	GX	0.00	2.00
221	0.4200	GX	0.00	2.00
252	0.4200	GX	0.00	2.00
253	0.4200	GX	0.00	2.00
254	0.4200	GX	0.00	2.00
255	0.4200	GX	0.00	2.00
269	0.4200	GX	0.00	2.00
270	0.4200	GX	0.00	2.00
285	0.4200	GX	0.00	2.00
286	0.4200	GX	0.00	2.00
291	0.4200	GX	0.00	0.25
292	0.4200	GX	0.00	0.25
322	0.4200	GX	0.00	0.25
323	0.4200	GX	0.00	0.25
325	0.4200	GX	0.00	0.25
326	0.4200	GX	0.00	0.25
346	0.4200	GX	0.00	2.00
347	0.4200	GX	0.00	2.00
348	0.4200	GX	0.00	2.00
349	0.4200	GX	0.00	2.00
366	0.4200	GX	0.00	0.25
367	0.4200	GX	0.00	0.25
368	0.4200	GX	0.00	0.25
376	0.4200	GX	0.00	1.50
379	0.4200	GX	0.00	2.00
380	0.4200	GX	0.00	2.00

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381	0.4200	GX	0.00	2.00
382	0.4200	GX	0.00	2.00
419	0.4200	GX	0.00	6.00
422	0.4200	GX	0.00	2.00
423	0.4200	GX	0.00	2.00
811	0.4200	GX	0.00	4.50
820	0.4200	GX	0.00	1.50
834	0.4200	GX	0.00	4.50
993	0.4200	GX	0.00	2.00
994	0.4200	GX	0.00	2.00
999	0.4200	GX	0.00	2.00
1000	0.4200	GX	0.00	2.00
1005	0.4200	GX	0.00	2.00
1006	0.4200	GX	0.00	2.00
1011	0.4200	GX	0.00	2.00
1012	0.4200	GX	0.00	1.75
1016	0.4200	GX	0.00	1.75
1018	0.4200	GX	0.00	1.75
1021	0.4200	GX	0.00	2.00
1022	0.4200	GX	0.00	2.00
1025	0.4200	GX	0.00	1.75
1027	0.4200	GX	0.00	1.75
1028	0.4200	GX	0.00	1.75
1029	0.4200	GX	0.00	2.00
1030	0.4200	GX	0.00	2.00
1031	0.4200	GX	0.00	0.25
1033	0.4200	GX	0.00	0.25
1034	0.4200	GX	0.00	0.25
1035	0.4200	GX	0.00	2.00
1036	0.4200	GX	0.00	2.00
1040	0.4200	GX	0.00	1.75
1042	0.4200	GX	0.00	1.75
1044	0.4200	GX	0.00	1.75
1045	0.4200	GX	0.00	1.75
1047	0.4200	GX	0.00	0.25
1048	0.4200	GX	0.00	0.25
1051	0.4200	GX	0.00	2.00
1052	0.4200	GX	0.00	2.00
1055	0.4200	GX	0.00	2.00
1056	0.4200	GX	0.00	2.00
1057	0.4200	GX	0.00	2.00
1058	0.4200	GX	0.00	2.00
1059	0.4200	GX	0.00	2.00
1060	0.4200	GX	0.00	1.75
1062	0.4200	GX	0.00	1.75
1064	0.4200	GX	0.00	1.75
1065	0.4200	GX	0.00	1.75
1066	0.4200	GX	0.00	1.75
1067	0.4200	GX	0.00	1.75
1068	0.4200	GX	0.00	0.25
1069	0.4200	GX	0.00	0.25
1070	0.4200	GX	0.00	0.25
1073	0.4200	GX	0.00	2.00
1074	0.4200	GX	0.00	2.00
1077	0.4200	GX	0.00	2.00
1078	0.4200	GX	0.00	2.00

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1079	0.4200	GX	0.00	2.00
1080	0.4200	GX	0.00	2.00
1081	0.4200	GX	0.00	2.00
1082	0.4200	GX	0.00	1.75
1083	0.4200	GX	0.00	1.75
1084	0.4200	GX	0.00	0.25
1085	0.4200	GX	0.00	2.00
1086	0.4200	GX	0.00	1.75
1088	0.4200	GX	0.00	1.75
1090	0.4200	GX	0.00	1.75
1091	0.4200	GX	0.00	1.75
1092	0.4200	GX	0.00	1.75
1093	0.4200	GX	0.00	1.75
1094	0.4200	GX	0.00	0.25
1095	0.4200	GX	0.00	0.25
1096	0.4200	GX	0.00	0.25
1099	0.4200	GX	0.00	2.00
1100	0.4200	GX	0.00	2.00
1103	0.4200	GX	0.00	2.00
1104	0.4200	GX	0.00	2.00
1105	0.4200	GX	0.00	2.00
1106	0.4200	GX	0.00	2.00
1113	0.4200	GX	0.00	1.50
23	0.8400	GX	0.00	6.00
29	0.8400	GX	0.00	6.00
38	0.8400	GX	0.00	6.00
40	0.8400	GX	0.00	6.00
42	0.8400	GX	0.00	6.00
44	0.8400	GX	0.00	6.00
65	0.8400	GX	0.00	6.00
80	0.8400	GX	0.00	6.00
103	0.8400	GX	0.00	2.00
126	0.8400	GX	0.00	6.00
153	0.8400	GX	0.00	6.00
154	0.8400	GX	0.00	6.00
155	0.8400	GX	0.00	6.00
165	0.8400	GX	0.00	6.00
166	0.8400	GX	0.00	6.00
169	0.8400	GX	0.00	6.00
170	0.8400	GX	0.00	6.00
175	0.8400	GX	0.00	6.00
176	0.8400	GX	0.00	6.00
181	0.8400	GX	0.00	6.00
182	0.8400	GX	0.00	6.00
189	0.8400	GX	0.00	6.00
190	0.8400	GX	0.00	6.00
191	0.8400	GX	0.00	6.00
196	0.8400	GX	0.00	6.00
197	0.8400	GX	0.00	6.00
203	0.8400	GX	0.00	6.00
204	0.8400	GX	0.00	6.00
205	0.8400	GX	0.00	6.00
206	0.8400	GX	0.00	6.00
207	0.8400	GX	0.00	6.00
213	0.8400	GX	0.00	6.00
214	0.8400	GX	0.00	6.00

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215	0.8400	GX	0.00	6.00
216	0.8400	GX	0.00	6.00
217	0.8400	GX	0.00	6.00
222	0.8400	GX	0.00	6.00
223	0.8400	GX	0.00	6.00
224	0.8400	GX	0.00	6.00
225	0.8400	GX	0.00	6.00
226	0.8400	GX	0.00	6.00
233	0.8400	GX	0.00	6.00
235	0.8400	GX	0.00	6.00
237	0.8400	GX	0.00	6.00
239	0.8400	GX	0.00	6.00
241	0.8400	GX	0.00	6.00
247	0.8400	GX	0.00	6.00
248	0.8400	GX	0.00	6.00
249	0.8400	GX	0.00	6.00
250	0.8400	GX	0.00	6.00
251	0.8400	GX	0.00	6.00
256	0.8400	GX	0.00	6.00
257	0.8400	GX	0.00	6.00
258	0.8400	GX	0.00	6.00
259	0.8400	GX	0.00	6.00
260	0.8400	GX	0.00	6.00
271	0.8400	GX	0.00	6.00
272	0.8400	GX	0.00	6.00
273	0.8400	GX	0.00	6.00
274	0.8400	GX	0.00	6.00
275	0.8400	GX	0.00	6.00
276	0.8400	GX	0.00	6.00
277	0.8400	GX	0.00	6.00
278	0.8400	GX	0.00	6.00
289	0.8400	GX	0.00	6.00
290	0.8400	GX	0.00	6.00
299	0.8400	GX	0.00	6.00
300	0.8400	GX	0.00	6.00
301	0.8400	GX	0.00	6.00
302	0.8400	GX	0.00	6.00
305	0.8400	GX	0.00	6.00
306	0.8400	GX	0.00	6.00
310	0.8400	GX	0.00	6.00
311	0.8400	GX	0.00	6.00
315	0.8400	GX	0.00	6.00
316	0.8400	GX	0.00	6.00
332	0.8400	GX	0.00	6.00
333	0.8400	GX	0.00	6.00
334	0.8400	GX	0.00	6.00
335	0.8400	GX	0.00	6.00
336	0.8400	GX	0.00	6.00
341	0.8400	GX	0.00	6.00
342	0.8400	GX	0.00	6.00
343	0.8400	GX	0.00	6.00
344	0.8400	GX	0.00	6.00
345	0.8400	GX	0.00	6.00
364	0.8400	GX	0.00	6.00
365	0.8400	GX	0.00	6.00
369	0.8400	GX	0.00	6.00

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370	0.8400	GX	0.00	6.00
371	0.8400	GX	0.00	6.00
372	0.8400	GX	0.00	6.00
373	0.8400	GX	0.00	6.00
374	0.8400	GX	0.00	6.00
375	0.8400	GX	0.00	6.00
381	0.8400	GX	0.00	2.00
382	0.8400	GX	0.00	2.00
384	0.8400	GX	0.00	6.00
386	0.8400	GX	0.00	6.00
388	0.8400	GX	0.00	6.00
390	0.8400	GX	0.00	6.00
392	0.8400	GX	0.00	6.00
397	0.8400	GX	0.00	6.00
398	0.8400	GX	0.00	6.00
399	0.8400	GX	0.00	6.00
400	0.8400	GX	0.00	6.00
401	0.8400	GX	0.00	6.00
407	0.8400	GX	0.00	6.00
408	0.8400	GX	0.00	6.00
409	0.8400	GX	0.00	6.00
410	0.8400	GX	0.00	6.00
411	0.8400	GX	0.00	6.00
417	0.8400	GX	0.00	6.00
418	0.8400	GX	0.00	6.00
430	0.8400	GX	0.00	6.00
431	0.8400	GX	0.00	6.00
432	0.8400	GX	0.00	6.00
433	0.8400	GX	0.00	6.00
434	0.8400	GX	0.00	6.00
435	0.8400	GX	0.00	6.00
997	0.8400	GX	0.00	6.00
998	0.8400	GX	0.00	6.00
1003	0.8400	GX	0.00	6.00
1004	0.8400	GX	0.00	6.00
1009	0.8400	GX	0.00	6.00
1010	0.8400	GX	0.00	6.00
1019	0.8400	GX	0.00	2.00
1020	0.8400	GX	0.00	2.00
1023	0.8400	GX	0.00	2.00
1024	0.8400	GX	0.00	2.00
1049	0.8400	GX	0.00	2.00
1050	0.8400	GX	0.00	2.00
1053	0.8400	GX	0.00	2.00
1054	0.8400	GX	0.00	2.00
1071	0.8400	GX	0.00	2.00
1072	0.8400	GX	0.00	2.00
1075	0.8400	GX	0.00	2.00
1076	0.8400	GX	0.00	2.00
1097	0.8400	GX	0.00	2.00
1098	0.8400	GX	0.00	2.00
1101	0.8400	GX	0.00	2.00
1102	0.8400	GX	0.00	2.00
1111	0.8400	GX	0.00	6.00
1112	0.8400	GX	0.00	6.00
7	0.3200	GX	0.00	6.00

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16	0.3200	GX	0.00	1.50
63	0.3200	GX	0.00	6.00
127	0.3200	GX	0.00	6.00
148	0.3200	GX	0.00	3.00
287	0.3200	GX	0.00	4.50
376	0.3200	GX	0.00	1.50
419	0.3200	GX	0.00	6.00
810	0.3200	GX	0.00	4.50
820	0.3200	GX	0.00	1.50
833	0.3200	GX	0.00	4.50
846	0.3200	GX	0.00	3.00
377	0.6400	GX	0.00	1.50
378	0.6400	GX	0.00	6.00
420	0.6400	GX	0.00	6.00
421	0.6400	GX	0.00	3.00
806	0.6400	GX	0.00	1.50
809	0.6400	GX	0.00	6.00
819	0.6400	GX	0.00	1.50
825	0.6400	GX	0.00	6.00
828	0.6400	GX	0.00	1.50
838	0.6400	GX	0.00	1.50
849	0.6400	GX	0.00	3.00
992	0.6400	GX	0.00	1.50
560	0.4800	GX	0.00	6.00
561	0.4800	GX	0.00	6.00
562	0.4800	GX	0.00	6.00
563	0.4800	GX	0.00	6.00
564	0.4800	GX	0.00	6.00
565	0.4800	GX	0.00	6.00
566	0.4800	GX	0.00	6.00
567	0.4800	GX	0.00	6.00
568	0.4800	GX	0.00	6.00
580	0.4800	GX	0.00	6.00
581	0.4800	GX	0.00	6.00
582	0.4800	GX	0.00	6.00
583	0.4800	GX	0.00	3.00
584	0.4800	GX	0.00	6.00
589	0.4800	GX	0.00	6.00
590	0.4800	GX	0.00	6.00
591	0.4800	GX	0.00	6.00
592	0.4800	GX	0.00	3.00
593	0.4800	GX	0.00	6.00
605	0.4800	GX	0.00	6.00
607	0.4800	GX	0.00	6.00
608	0.4800	GX	0.00	6.00
609	0.4800	GX	0.00	6.00
610	0.4800	GX	0.00	6.00
611	0.4800	GX	0.00	6.00
612	0.4800	GX	0.00	6.00
613	0.4800	GX	0.00	6.00
619	0.4800	GX	0.00	3.00
620	0.4800	GX	0.00	3.00
569	0.9700	GX	0.00	6.00
570	0.9700	GX	0.00	6.00
571	0.9700	GX	0.00	6.00
572	0.9700	GX	0.00	6.00

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573	0.9700	GX	0.00	6.00
574	0.9700	GX	0.00	6.00
575	0.9700	GX	0.00	6.00
576	0.9700	GX	0.00	6.00
577	0.9700	GX	0.00	6.00
578	0.9700	GX	0.00	6.00
579	0.9700	GX	0.00	6.00
585	0.9700	GX	0.00	6.00
586	0.9700	GX	0.00	6.00
587	0.9700	GX	0.00	6.00
588	0.9700	GX	0.00	6.00
594	0.9700	GX	0.00	6.00
595	0.9700	GX	0.00	6.00
596	0.9700	GX	0.00	6.00
597	0.9700	GX	0.00	6.00
598	0.9700	GX	0.00	6.00
599	0.9700	GX	0.00	6.00
600	0.9700	GX	0.00	6.00
601	0.9700	GX	0.00	6.00
602	0.9700	GX	0.00	6.00
603	0.9700	GX	0.00	6.00
604	0.9700	GX	0.00	6.00
614	0.9700	GX	0.00	3.00
615	0.9700	GX	0.00	3.00
621	0.9700	GX	0.00	3.00
625	0.9700	GX	0.00	3.00
632	0.9700	GX	0.00	6.00
633	0.9700	GX	0.00	6.00
638	0.9700	GX	0.00	6.00
639	0.9700	GX	0.00	6.00
644	0.9700	GX	0.00	6.00
645	0.9700	GX	0.00	6.00
650	0.9700	GX	0.00	6.00
651	0.9700	GX	0.00	6.00
656	0.9700	GX	0.00	6.00
657	0.9700	GX	0.00	6.00
666	0.9700	GX	0.00	6.00
667	0.9700	GX	0.00	6.00
668	0.9700	GX	0.00	6.00
669	0.9700	GX	0.00	6.00
670	0.9700	GX	0.00	6.00
671	0.9700	GX	0.00	6.00
672	0.9700	GX	0.00	6.00
673	0.9700	GX	0.00	6.00
680	0.9700	GX	0.00	6.00
681	0.9700	GX	0.00	6.00
682	0.9700	GX	0.00	6.00
683	0.9700	GX	0.00	6.00
684	0.9700	GX	0.00	6.00
685	0.9700	GX	0.00	6.00
690	0.9700	GX	0.00	6.00
691	0.9700	GX	0.00	6.00
700	0.9700	GX	0.00	6.00
701	0.9700	GX	0.00	6.00
702	0.9700	GX	0.00	6.00
703	0.9700	GX	0.00	6.00

STAAD SPACE

-- PAGE NO. 56

704	0.9700	GX	0.00	6.00
705	0.9700	GX	0.00	6.00
706	0.9700	GX	0.00	6.00
707	0.9700	GX	0.00	6.00
716	0.9700	GX	0.00	6.00
717	0.9700	GX	0.00	6.00
718	0.9700	GX	0.00	6.00
719	0.9700	GX	0.00	6.00
720	0.9700	GX	0.00	6.00
721	0.9700	GX	0.00	6.00
722	0.9700	GX	0.00	6.00
723	0.9700	GX	0.00	6.00
732	0.9700	GX	0.00	6.00
733	0.9700	GX	0.00	6.00
734	0.9700	GX	0.00	6.00
735	0.9700	GX	0.00	6.00
736	0.9700	GX	0.00	6.00
737	0.9700	GX	0.00	6.00
738	0.9700	GX	0.00	6.00
739	0.9700	GX	0.00	6.00
741	0.9700	GX	0.00	3.00
743	0.9700	GX	0.00	3.00
748	0.9700	GX	0.00	6.00
749	0.9700	GX	0.00	6.00
750	0.9700	GX	0.00	6.00
751	0.9700	GX	0.00	6.00
758	0.9700	GX	0.00	6.00
759	0.9700	GX	0.00	6.00
762	0.9700	GX	0.00	6.00
763	0.9700	GX	0.00	6.00
774	0.9700	GX	0.00	6.00
775	0.9700	GX	0.00	6.00
776	0.9700	GX	0.00	6.00
777	0.9700	GX	0.00	6.00
778	0.9700	GX	0.00	6.00
779	0.9700	GX	0.00	6.00
780	0.9700	GX	0.00	6.00
781	0.9700	GX	0.00	6.00
782	0.9700	GX	0.00	6.00
783	0.9700	GX	0.00	6.00
794	0.9700	GX	0.00	6.00
795	0.9700	GX	0.00	6.00
796	0.9700	GX	0.00	6.00
797	0.9700	GX	0.00	6.00
798	0.9700	GX	0.00	6.00
799	0.9700	GX	0.00	6.00
800	0.9700	GX	0.00	6.00
801	0.9700	GX	0.00	6.00
802	0.9700	GX	0.00	6.00
803	0.9700	GX	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
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-- PAGE NO. 57

3	0.4200	GY	0.00	6.00
5	0.4200	GY	0.00	6.00
10	0.4200	GY	0.00	6.00
12	0.4200	GY	0.00	6.00
14	0.4200	GY	0.00	6.00
16	0.4200	GY	0.00	1.50
25	0.4200	GY	0.00	6.00
27	0.4200	GY	0.00	6.00
50	0.4200	GY	0.00	2.00
58	0.4200	GY	0.00	6.00
61	0.4200	GY	0.00	6.00
63	0.4200	GY	0.00	6.00
67	0.4200	GY	0.00	0.25
74	0.4200	GY	0.00	2.00
75	0.4200	GY	0.00	6.00
78	0.4200	GY	0.00	4.50
84	0.4200	GY	0.00	0.50
88	0.4200	GY	0.00	2.00
89	0.4200	GY	0.00	6.00
103	0.4200	GY	0.00	2.00
104	0.4200	GY	0.00	0.25
107	0.4200	GY	0.00	2.00
109	0.4200	GY	0.00	2.00
118	0.4200	GY	0.00	6.00
119	0.4200	GY	0.00	6.00
120	0.4200	GY	0.00	2.00
125	0.4200	GY	0.00	0.25
127	0.4200	GY	0.00	6.00
131	0.4200	GY	0.00	2.00
134	0.4200	GY	0.00	6.00
139	0.4200	GY	0.00	2.00
144	0.4200	GY	0.00	2.00
145	0.4200	GY	0.00	2.00
146	0.4200	GY	0.00	2.00
156	0.4200	GY	0.00	6.00
220	0.4200	GY	0.00	2.00
221	0.4200	GY	0.00	2.00
252	0.4200	GY	0.00	2.00
253	0.4200	GY	0.00	2.00
254	0.4200	GY	0.00	2.00
255	0.4200	GY	0.00	2.00
269	0.4200	GY	0.00	2.00
270	0.4200	GY	0.00	2.00
285	0.4200	GY	0.00	2.00
286	0.4200	GY	0.00	2.00
291	0.4200	GY	0.00	0.25
292	0.4200	GY	0.00	0.25
322	0.4200	GY	0.00	0.25
323	0.4200	GY	0.00	0.25
325	0.4200	GY	0.00	0.25
326	0.4200	GY	0.00	0.25
346	0.4200	GY	0.00	2.00
347	0.4200	GY	0.00	2.00
348	0.4200	GY	0.00	2.00
349	0.4200	GY	0.00	2.00
366	0.4200	GY	0.00	0.25

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367	0.4200	GY	0.00	0.25
368	0.4200	GY	0.00	0.25
376	0.4200	GY	0.00	1.50
379	0.4200	GY	0.00	2.00
380	0.4200	GY	0.00	2.00
381	0.4200	GY	0.00	2.00
382	0.4200	GY	0.00	2.00
419	0.4200	GY	0.00	6.00
422	0.4200	GY	0.00	2.00
423	0.4200	GY	0.00	2.00
811	0.4200	GY	0.00	4.50
820	0.4200	GY	0.00	1.50
834	0.4200	GY	0.00	4.50
993	0.4200	GY	0.00	2.00
994	0.4200	GY	0.00	2.00
999	0.4200	GY	0.00	2.00
1000	0.4200	GY	0.00	2.00
1005	0.4200	GY	0.00	2.00
1006	0.4200	GY	0.00	2.00
1011	0.4200	GY	0.00	2.00
1012	0.4200	GY	0.00	1.75
1016	0.4200	GY	0.00	1.75
1018	0.4200	GY	0.00	1.75
1021	0.4200	GY	0.00	2.00
1022	0.4200	GY	0.00	2.00
1025	0.4200	GY	0.00	1.75
1027	0.4200	GY	0.00	1.75
1028	0.4200	GY	0.00	1.75
1029	0.4200	GY	0.00	2.00
1030	0.4200	GY	0.00	2.00
1031	0.4200	GY	0.00	0.25
1033	0.4200	GY	0.00	0.25
1034	0.4200	GY	0.00	0.25
1035	0.4200	GY	0.00	2.00
1036	0.4200	GY	0.00	2.00
1040	0.4200	GY	0.00	1.75
1042	0.4200	GY	0.00	1.75
1044	0.4200	GY	0.00	1.75
1045	0.4200	GY	0.00	1.75
1047	0.4200	GY	0.00	0.25
1048	0.4200	GY	0.00	0.25
1051	0.4200	GY	0.00	2.00
1052	0.4200	GY	0.00	2.00
1055	0.4200	GY	0.00	2.00
1056	0.4200	GY	0.00	2.00
1057	0.4200	GY	0.00	2.00
1058	0.4200	GY	0.00	2.00
1059	0.4200	GY	0.00	2.00
1060	0.4200	GY	0.00	1.75
1062	0.4200	GY	0.00	1.75
1064	0.4200	GY	0.00	1.75
1065	0.4200	GY	0.00	1.75
1066	0.4200	GY	0.00	1.75
1067	0.4200	GY	0.00	1.75
1068	0.4200	GY	0.00	0.25
1069	0.4200	GY	0.00	0.25

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1070	0.4200	GY	0.00	0.25
1073	0.4200	GY	0.00	2.00
1074	0.4200	GY	0.00	2.00
1077	0.4200	GY	0.00	2.00
1078	0.4200	GY	0.00	2.00
1079	0.4200	GY	0.00	2.00
1080	0.4200	GY	0.00	2.00
1081	0.4200	GY	0.00	2.00
1082	0.4200	GY	0.00	1.75
1083	0.4200	GY	0.00	1.75
1084	0.4200	GY	0.00	0.25
1085	0.4200	GY	0.00	2.00
1086	0.4200	GY	0.00	1.75
1088	0.4200	GY	0.00	1.75
1090	0.4200	GY	0.00	1.75
1091	0.4200	GY	0.00	1.75
1092	0.4200	GY	0.00	1.75
1093	0.4200	GY	0.00	1.75
1094	0.4200	GY	0.00	0.25
1095	0.4200	GY	0.00	0.25
1096	0.4200	GY	0.00	0.25
1099	0.4200	GY	0.00	2.00
1100	0.4200	GY	0.00	2.00
1103	0.4200	GY	0.00	2.00
1104	0.4200	GY	0.00	2.00
1105	0.4200	GY	0.00	2.00
1106	0.4200	GY	0.00	2.00
1113	0.4200	GY	0.00	1.50
23	0.8400	GY	0.00	6.00
29	0.8400	GY	0.00	6.00
38	0.8400	GY	0.00	6.00
40	0.8400	GY	0.00	6.00
42	0.8400	GY	0.00	6.00
44	0.8400	GY	0.00	6.00
65	0.8400	GY	0.00	6.00
80	0.8400	GY	0.00	6.00
103	0.8400	GY	0.00	2.00
126	0.8400	GY	0.00	6.00
153	0.8400	GY	0.00	6.00
154	0.8400	GY	0.00	6.00
155	0.8400	GY	0.00	6.00
165	0.8400	GY	0.00	6.00
166	0.8400	GY	0.00	6.00
169	0.8400	GY	0.00	6.00
170	0.8400	GY	0.00	6.00
175	0.8400	GY	0.00	6.00
176	0.8400	GY	0.00	6.00
181	0.8400	GY	0.00	6.00
182	0.8400	GY	0.00	6.00
189	0.8400	GY	0.00	6.00
190	0.8400	GY	0.00	6.00
191	0.8400	GY	0.00	6.00
196	0.8400	GY	0.00	6.00
197	0.8400	GY	0.00	6.00
203	0.8400	GY	0.00	6.00
204	0.8400	GY	0.00	6.00

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205	0.8400	GY	0.00	6.00
206	0.8400	GY	0.00	6.00
207	0.8400	GY	0.00	6.00
213	0.8400	GY	0.00	6.00
214	0.8400	GY	0.00	6.00
215	0.8400	GY	0.00	6.00
216	0.8400	GY	0.00	6.00
217	0.8400	GY	0.00	6.00
222	0.8400	GY	0.00	6.00
223	0.8400	GY	0.00	6.00
224	0.8400	GY	0.00	6.00
225	0.8400	GY	0.00	6.00
226	0.8400	GY	0.00	6.00
233	0.8400	GY	0.00	6.00
235	0.8400	GY	0.00	6.00
237	0.8400	GY	0.00	6.00
239	0.8400	GY	0.00	6.00
241	0.8400	GY	0.00	6.00
247	0.8400	GY	0.00	6.00
248	0.8400	GY	0.00	6.00
249	0.8400	GY	0.00	6.00
250	0.8400	GY	0.00	6.00
251	0.8400	GY	0.00	6.00
256	0.8400	GY	0.00	6.00
257	0.8400	GY	0.00	6.00
258	0.8400	GY	0.00	6.00
259	0.8400	GY	0.00	6.00
260	0.8400	GY	0.00	6.00
271	0.8400	GY	0.00	6.00
272	0.8400	GY	0.00	6.00
273	0.8400	GY	0.00	6.00
274	0.8400	GY	0.00	6.00
275	0.8400	GY	0.00	6.00
276	0.8400	GY	0.00	6.00
277	0.8400	GY	0.00	6.00
278	0.8400	GY	0.00	6.00
289	0.8400	GY	0.00	6.00
290	0.8400	GY	0.00	6.00
299	0.8400	GY	0.00	6.00
300	0.8400	GY	0.00	6.00
301	0.8400	GY	0.00	6.00
302	0.8400	GY	0.00	6.00
305	0.8400	GY	0.00	6.00
306	0.8400	GY	0.00	6.00
310	0.8400	GY	0.00	6.00
311	0.8400	GY	0.00	6.00
315	0.8400	GY	0.00	6.00
316	0.8400	GY	0.00	6.00
332	0.8400	GY	0.00	6.00
333	0.8400	GY	0.00	6.00
334	0.8400	GY	0.00	6.00
335	0.8400	GY	0.00	6.00
336	0.8400	GY	0.00	6.00
341	0.8400	GY	0.00	6.00
342	0.8400	GY	0.00	6.00
343	0.8400	GY	0.00	6.00

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344	0.8400	GY	0.00	6.00
345	0.8400	GY	0.00	6.00
364	0.8400	GY	0.00	6.00
365	0.8400	GY	0.00	6.00
369	0.8400	GY	0.00	6.00
370	0.8400	GY	0.00	6.00
371	0.8400	GY	0.00	6.00
372	0.8400	GY	0.00	6.00
373	0.8400	GY	0.00	6.00
374	0.8400	GY	0.00	6.00
375	0.8400	GY	0.00	6.00
381	0.8400	GY	0.00	2.00
382	0.8400	GY	0.00	2.00
384	0.8400	GY	0.00	6.00
386	0.8400	GY	0.00	6.00
388	0.8400	GY	0.00	6.00
390	0.8400	GY	0.00	6.00
392	0.8400	GY	0.00	6.00
397	0.8400	GY	0.00	6.00
398	0.8400	GY	0.00	6.00
399	0.8400	GY	0.00	6.00
400	0.8400	GY	0.00	6.00
401	0.8400	GY	0.00	6.00
407	0.8400	GY	0.00	6.00
408	0.8400	GY	0.00	6.00
409	0.8400	GY	0.00	6.00
410	0.8400	GY	0.00	6.00
411	0.8400	GY	0.00	6.00
417	0.8400	GY	0.00	6.00
418	0.8400	GY	0.00	6.00
430	0.8400	GY	0.00	6.00
431	0.8400	GY	0.00	6.00
432	0.8400	GY	0.00	6.00
433	0.8400	GY	0.00	6.00
434	0.8400	GY	0.00	6.00
435	0.8400	GY	0.00	6.00
997	0.8400	GY	0.00	6.00
998	0.8400	GY	0.00	6.00
1003	0.8400	GY	0.00	6.00
1004	0.8400	GY	0.00	6.00
1009	0.8400	GY	0.00	6.00
1010	0.8400	GY	0.00	6.00
1019	0.8400	GY	0.00	2.00
1020	0.8400	GY	0.00	2.00
1023	0.8400	GY	0.00	2.00
1024	0.8400	GY	0.00	2.00
1049	0.8400	GY	0.00	2.00
1050	0.8400	GY	0.00	2.00
1053	0.8400	GY	0.00	2.00
1054	0.8400	GY	0.00	2.00
1071	0.8400	GY	0.00	2.00
1072	0.8400	GY	0.00	2.00
1075	0.8400	GY	0.00	2.00
1076	0.8400	GY	0.00	2.00
1097	0.8400	GY	0.00	2.00
1098	0.8400	GY	0.00	2.00

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1101	0.8400	GY	0.00	2.00
1102	0.8400	GY	0.00	2.00
1111	0.8400	GY	0.00	6.00
1112	0.8400	GY	0.00	6.00
7	0.3200	GY	0.00	6.00
16	0.3200	GY	0.00	1.50
63	0.3200	GY	0.00	6.00
127	0.3200	GY	0.00	6.00
148	0.3200	GY	0.00	3.00
287	0.3200	GY	0.00	4.50
376	0.3200	GY	0.00	1.50
419	0.3200	GY	0.00	6.00
810	0.3200	GY	0.00	4.50
820	0.3200	GY	0.00	1.50
833	0.3200	GY	0.00	4.50
846	0.3200	GY	0.00	3.00
377	0.6400	GY	0.00	1.50
378	0.6400	GY	0.00	6.00
420	0.6400	GY	0.00	6.00
421	0.6400	GY	0.00	3.00
806	0.6400	GY	0.00	1.50
809	0.6400	GY	0.00	6.00
819	0.6400	GY	0.00	1.50
825	0.6400	GY	0.00	6.00
828	0.6400	GY	0.00	1.50
838	0.6400	GY	0.00	1.50
849	0.6400	GY	0.00	3.00
992	0.6400	GY	0.00	1.50
560	0.4800	GY	0.00	6.00
561	0.4800	GY	0.00	6.00
562	0.4800	GY	0.00	6.00
563	0.4800	GY	0.00	6.00
564	0.4800	GY	0.00	6.00
565	0.4800	GY	0.00	6.00
566	0.4800	GY	0.00	6.00
567	0.4800	GY	0.00	6.00
568	0.4800	GY	0.00	6.00
580	0.4800	GY	0.00	6.00
581	0.4800	GY	0.00	6.00
582	0.4800	GY	0.00	6.00
583	0.4800	GY	0.00	3.00
584	0.4800	GY	0.00	6.00
589	0.4800	GY	0.00	6.00
590	0.4800	GY	0.00	6.00
591	0.4800	GY	0.00	6.00
592	0.4800	GY	0.00	3.00
593	0.4800	GY	0.00	6.00
605	0.4800	GY	0.00	6.00
607	0.4800	GY	0.00	6.00
608	0.4800	GY	0.00	6.00
609	0.4800	GY	0.00	6.00
610	0.4800	GY	0.00	6.00
611	0.4800	GY	0.00	6.00
612	0.4800	GY	0.00	6.00
613	0.4800	GY	0.00	6.00
619	0.4800	GY	0.00	3.00

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620	0.4800	GY	0.00	3.00
569	0.9700	GY	0.00	6.00
570	0.9700	GY	0.00	6.00
571	0.9700	GY	0.00	6.00
572	0.9700	GY	0.00	6.00
573	0.9700	GY	0.00	6.00
574	0.9700	GY	0.00	6.00
575	0.9700	GY	0.00	6.00
576	0.9700	GY	0.00	6.00
577	0.9700	GY	0.00	6.00
578	0.9700	GY	0.00	6.00
579	0.9700	GY	0.00	6.00
585	0.9700	GY	0.00	6.00
586	0.9700	GY	0.00	6.00
587	0.9700	GY	0.00	6.00
588	0.9700	GY	0.00	6.00
594	0.9700	GY	0.00	6.00
595	0.9700	GY	0.00	6.00
596	0.9700	GY	0.00	6.00
597	0.9700	GY	0.00	6.00
598	0.9700	GY	0.00	6.00
599	0.9700	GY	0.00	6.00
600	0.9700	GY	0.00	6.00
601	0.9700	GY	0.00	6.00
602	0.9700	GY	0.00	6.00
603	0.9700	GY	0.00	6.00
604	0.9700	GY	0.00	6.00
614	0.9700	GY	0.00	3.00
615	0.9700	GY	0.00	3.00
621	0.9700	GY	0.00	3.00
625	0.9700	GY	0.00	3.00
632	0.9700	GY	0.00	6.00
633	0.9700	GY	0.00	6.00
638	0.9700	GY	0.00	6.00
639	0.9700	GY	0.00	6.00
644	0.9700	GY	0.00	6.00
645	0.9700	GY	0.00	6.00
650	0.9700	GY	0.00	6.00
651	0.9700	GY	0.00	6.00
656	0.9700	GY	0.00	6.00
657	0.9700	GY	0.00	6.00
666	0.9700	GY	0.00	6.00
667	0.9700	GY	0.00	6.00
668	0.9700	GY	0.00	6.00
669	0.9700	GY	0.00	6.00
670	0.9700	GY	0.00	6.00
671	0.9700	GY	0.00	6.00
672	0.9700	GY	0.00	6.00
673	0.9700	GY	0.00	6.00
680	0.9700	GY	0.00	6.00
681	0.9700	GY	0.00	6.00
682	0.9700	GY	0.00	6.00
683	0.9700	GY	0.00	6.00
684	0.9700	GY	0.00	6.00
685	0.9700	GY	0.00	6.00
690	0.9700	GY	0.00	6.00

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691	0.9700	GY	0.00	6.00
700	0.9700	GY	0.00	6.00
701	0.9700	GY	0.00	6.00
702	0.9700	GY	0.00	6.00
703	0.9700	GY	0.00	6.00
704	0.9700	GY	0.00	6.00
705	0.9700	GY	0.00	6.00
706	0.9700	GY	0.00	6.00
707	0.9700	GY	0.00	6.00
716	0.9700	GY	0.00	6.00
717	0.9700	GY	0.00	6.00
718	0.9700	GY	0.00	6.00
719	0.9700	GY	0.00	6.00
720	0.9700	GY	0.00	6.00
721	0.9700	GY	0.00	6.00
722	0.9700	GY	0.00	6.00
723	0.9700	GY	0.00	6.00
732	0.9700	GY	0.00	6.00
733	0.9700	GY	0.00	6.00
734	0.9700	GY	0.00	6.00
735	0.9700	GY	0.00	6.00
736	0.9700	GY	0.00	6.00
737	0.9700	GY	0.00	6.00
738	0.9700	GY	0.00	6.00
739	0.9700	GY	0.00	6.00
741	0.9700	GY	0.00	3.00
743	0.9700	GY	0.00	3.00
748	0.9700	GY	0.00	6.00
749	0.9700	GY	0.00	6.00
750	0.9700	GY	0.00	6.00
751	0.9700	GY	0.00	6.00
758	0.9700	GY	0.00	6.00
759	0.9700	GY	0.00	6.00
762	0.9700	GY	0.00	6.00
763	0.9700	GY	0.00	6.00
774	0.9700	GY	0.00	6.00
775	0.9700	GY	0.00	6.00
776	0.9700	GY	0.00	6.00
777	0.9700	GY	0.00	6.00
778	0.9700	GY	0.00	6.00
779	0.9700	GY	0.00	6.00
780	0.9700	GY	0.00	6.00
781	0.9700	GY	0.00	6.00
782	0.9700	GY	0.00	6.00
783	0.9700	GY	0.00	6.00
794	0.9700	GY	0.00	6.00
795	0.9700	GY	0.00	6.00
796	0.9700	GY	0.00	6.00
797	0.9700	GY	0.00	6.00
798	0.9700	GY	0.00	6.00
799	0.9700	GY	0.00	6.00
800	0.9700	GY	0.00	6.00
801	0.9700	GY	0.00	6.00
802	0.9700	GY	0.00	6.00
803	0.9700	GY	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
3	0.4200 GZ	0.00	6.00				
5	0.4200 GZ	0.00	6.00				
10	0.4200 GZ	0.00	6.00				
12	0.4200 GZ	0.00	6.00				
14	0.4200 GZ	0.00	6.00				
16	0.4200 GZ	0.00	1.50				
25	0.4200 GZ	0.00	6.00				
27	0.4200 GZ	0.00	6.00				
50	0.4200 GZ	0.00	2.00				
58	0.4200 GZ	0.00	6.00				
61	0.4200 GZ	0.00	6.00				
63	0.4200 GZ	0.00	6.00				
67	0.4200 GZ	0.00	0.25				
74	0.4200 GZ	0.00	2.00				
75	0.4200 GZ	0.00	6.00				
78	0.4200 GZ	0.00	4.50				
84	0.4200 GZ	0.00	0.50				
88	0.4200 GZ	0.00	2.00				
89	0.4200 GZ	0.00	6.00				
103	0.4200 GZ	0.00	2.00				
104	0.4200 GZ	0.00	0.25				
107	0.4200 GZ	0.00	2.00				
109	0.4200 GZ	0.00	2.00				
118	0.4200 GZ	0.00	6.00				
119	0.4200 GZ	0.00	6.00				
120	0.4200 GZ	0.00	2.00				
125	0.4200 GZ	0.00	0.25				
127	0.4200 GZ	0.00	6.00				
131	0.4200 GZ	0.00	2.00				
134	0.4200 GZ	0.00	6.00				
139	0.4200 GZ	0.00	2.00				
144	0.4200 GZ	0.00	2.00				
145	0.4200 GZ	0.00	2.00				
146	0.4200 GZ	0.00	2.00				
156	0.4200 GZ	0.00	6.00				
220	0.4200 GZ	0.00	2.00				
221	0.4200 GZ	0.00	2.00				
252	0.4200 GZ	0.00	2.00				
253	0.4200 GZ	0.00	2.00				
254	0.4200 GZ	0.00	2.00				
255	0.4200 GZ	0.00	2.00				
269	0.4200 GZ	0.00	2.00				
270	0.4200 GZ	0.00	2.00				
285	0.4200 GZ	0.00	2.00				
286	0.4200 GZ	0.00	2.00				
291	0.4200 GZ	0.00	0.25				
292	0.4200 GZ	0.00	0.25				
322	0.4200 GZ	0.00	0.25				
323	0.4200 GZ	0.00	0.25				
325	0.4200 GZ	0.00	0.25				

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326	0.4200	GZ	0.00	0.25
346	0.4200	GZ	0.00	2.00
347	0.4200	GZ	0.00	2.00
348	0.4200	GZ	0.00	2.00
349	0.4200	GZ	0.00	2.00
366	0.4200	GZ	0.00	0.25
367	0.4200	GZ	0.00	0.25
368	0.4200	GZ	0.00	0.25
376	0.4200	GZ	0.00	1.50
379	0.4200	GZ	0.00	2.00
380	0.4200	GZ	0.00	2.00
381	0.4200	GZ	0.00	2.00
382	0.4200	GZ	0.00	2.00
419	0.4200	GZ	0.00	6.00
422	0.4200	GZ	0.00	2.00
423	0.4200	GZ	0.00	2.00
811	0.4200	GZ	0.00	4.50
820	0.4200	GZ	0.00	1.50
834	0.4200	GZ	0.00	4.50
993	0.4200	GZ	0.00	2.00
994	0.4200	GZ	0.00	2.00
999	0.4200	GZ	0.00	2.00
1000	0.4200	GZ	0.00	2.00
1005	0.4200	GZ	0.00	2.00
1006	0.4200	GZ	0.00	2.00
1011	0.4200	GZ	0.00	2.00
1012	0.4200	GZ	0.00	1.75
1016	0.4200	GZ	0.00	1.75
1018	0.4200	GZ	0.00	1.75
1021	0.4200	GZ	0.00	2.00
1022	0.4200	GZ	0.00	2.00
1025	0.4200	GZ	0.00	1.75
1027	0.4200	GZ	0.00	1.75
1028	0.4200	GZ	0.00	1.75
1029	0.4200	GZ	0.00	2.00
1030	0.4200	GZ	0.00	2.00
1031	0.4200	GZ	0.00	0.25
1033	0.4200	GZ	0.00	0.25
1034	0.4200	GZ	0.00	0.25
1035	0.4200	GZ	0.00	2.00
1036	0.4200	GZ	0.00	2.00
1040	0.4200	GZ	0.00	1.75
1042	0.4200	GZ	0.00	1.75
1044	0.4200	GZ	0.00	1.75
1045	0.4200	GZ	0.00	1.75
1047	0.4200	GZ	0.00	0.25
1048	0.4200	GZ	0.00	0.25
1051	0.4200	GZ	0.00	2.00
1052	0.4200	GZ	0.00	2.00
1055	0.4200	GZ	0.00	2.00
1056	0.4200	GZ	0.00	2.00
1057	0.4200	GZ	0.00	2.00
1058	0.4200	GZ	0.00	2.00
1059	0.4200	GZ	0.00	2.00
1060	0.4200	GZ	0.00	1.75
1062	0.4200	GZ	0.00	1.75

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1064	0.4200	GZ	0.00	1.75
1065	0.4200	GZ	0.00	1.75
1066	0.4200	GZ	0.00	1.75
1067	0.4200	GZ	0.00	1.75
1068	0.4200	GZ	0.00	0.25
1069	0.4200	GZ	0.00	0.25
1070	0.4200	GZ	0.00	0.25
1073	0.4200	GZ	0.00	2.00
1074	0.4200	GZ	0.00	2.00
1077	0.4200	GZ	0.00	2.00
1078	0.4200	GZ	0.00	2.00
1079	0.4200	GZ	0.00	2.00
1080	0.4200	GZ	0.00	2.00
1081	0.4200	GZ	0.00	2.00
1082	0.4200	GZ	0.00	1.75
1083	0.4200	GZ	0.00	1.75
1084	0.4200	GZ	0.00	0.25
1085	0.4200	GZ	0.00	2.00
1086	0.4200	GZ	0.00	1.75
1088	0.4200	GZ	0.00	1.75
1090	0.4200	GZ	0.00	1.75
1091	0.4200	GZ	0.00	1.75
1092	0.4200	GZ	0.00	1.75
1093	0.4200	GZ	0.00	1.75
1094	0.4200	GZ	0.00	0.25
1095	0.4200	GZ	0.00	0.25
1096	0.4200	GZ	0.00	0.25
1099	0.4200	GZ	0.00	2.00
1100	0.4200	GZ	0.00	2.00
1103	0.4200	GZ	0.00	2.00
1104	0.4200	GZ	0.00	2.00
1105	0.4200	GZ	0.00	2.00
1106	0.4200	GZ	0.00	2.00
1113	0.4200	GZ	0.00	1.50
23	0.8400	GZ	0.00	6.00
29	0.8400	GZ	0.00	6.00
38	0.8400	GZ	0.00	6.00
40	0.8400	GZ	0.00	6.00
42	0.8400	GZ	0.00	6.00
44	0.8400	GZ	0.00	6.00
65	0.8400	GZ	0.00	6.00
80	0.8400	GZ	0.00	6.00
103	0.8400	GZ	0.00	2.00
126	0.8400	GZ	0.00	6.00
153	0.8400	GZ	0.00	6.00
154	0.8400	GZ	0.00	6.00
155	0.8400	GZ	0.00	6.00
165	0.8400	GZ	0.00	6.00
166	0.8400	GZ	0.00	6.00
169	0.8400	GZ	0.00	6.00
170	0.8400	GZ	0.00	6.00
175	0.8400	GZ	0.00	6.00
176	0.8400	GZ	0.00	6.00
181	0.8400	GZ	0.00	6.00
182	0.8400	GZ	0.00	6.00
189	0.8400	GZ	0.00	6.00

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190	0.8400	GZ	0.00	6.00
191	0.8400	GZ	0.00	6.00
196	0.8400	GZ	0.00	6.00
197	0.8400	GZ	0.00	6.00
203	0.8400	GZ	0.00	6.00
204	0.8400	GZ	0.00	6.00
205	0.8400	GZ	0.00	6.00
206	0.8400	GZ	0.00	6.00
207	0.8400	GZ	0.00	6.00
213	0.8400	GZ	0.00	6.00
214	0.8400	GZ	0.00	6.00
215	0.8400	GZ	0.00	6.00
216	0.8400	GZ	0.00	6.00
217	0.8400	GZ	0.00	6.00
222	0.8400	GZ	0.00	6.00
223	0.8400	GZ	0.00	6.00
224	0.8400	GZ	0.00	6.00
225	0.8400	GZ	0.00	6.00
226	0.8400	GZ	0.00	6.00
233	0.8400	GZ	0.00	6.00
235	0.8400	GZ	0.00	6.00
237	0.8400	GZ	0.00	6.00
239	0.8400	GZ	0.00	6.00
241	0.8400	GZ	0.00	6.00
247	0.8400	GZ	0.00	6.00
248	0.8400	GZ	0.00	6.00
249	0.8400	GZ	0.00	6.00
250	0.8400	GZ	0.00	6.00
251	0.8400	GZ	0.00	6.00
256	0.8400	GZ	0.00	6.00
257	0.8400	GZ	0.00	6.00
258	0.8400	GZ	0.00	6.00
259	0.8400	GZ	0.00	6.00
260	0.8400	GZ	0.00	6.00
271	0.8400	GZ	0.00	6.00
272	0.8400	GZ	0.00	6.00
273	0.8400	GZ	0.00	6.00
274	0.8400	GZ	0.00	6.00
275	0.8400	GZ	0.00	6.00
276	0.8400	GZ	0.00	6.00
277	0.8400	GZ	0.00	6.00
278	0.8400	GZ	0.00	6.00
289	0.8400	GZ	0.00	6.00
290	0.8400	GZ	0.00	6.00
299	0.8400	GZ	0.00	6.00
300	0.8400	GZ	0.00	6.00
301	0.8400	GZ	0.00	6.00
302	0.8400	GZ	0.00	6.00
305	0.8400	GZ	0.00	6.00
306	0.8400	GZ	0.00	6.00
310	0.8400	GZ	0.00	6.00
311	0.8400	GZ	0.00	6.00
315	0.8400	GZ	0.00	6.00
316	0.8400	GZ	0.00	6.00
332	0.8400	GZ	0.00	6.00
333	0.8400	GZ	0.00	6.00

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334	0.8400	GZ	0.00	6.00
335	0.8400	GZ	0.00	6.00
336	0.8400	GZ	0.00	6.00
341	0.8400	GZ	0.00	6.00
342	0.8400	GZ	0.00	6.00
343	0.8400	GZ	0.00	6.00
344	0.8400	GZ	0.00	6.00
345	0.8400	GZ	0.00	6.00
364	0.8400	GZ	0.00	6.00
365	0.8400	GZ	0.00	6.00
369	0.8400	GZ	0.00	6.00
370	0.8400	GZ	0.00	6.00
371	0.8400	GZ	0.00	6.00
372	0.8400	GZ	0.00	6.00
373	0.8400	GZ	0.00	6.00
374	0.8400	GZ	0.00	6.00
375	0.8400	GZ	0.00	6.00
381	0.8400	GZ	0.00	2.00
382	0.8400	GZ	0.00	2.00
384	0.8400	GZ	0.00	6.00
386	0.8400	GZ	0.00	6.00
388	0.8400	GZ	0.00	6.00
390	0.8400	GZ	0.00	6.00
392	0.8400	GZ	0.00	6.00
397	0.8400	GZ	0.00	6.00
398	0.8400	GZ	0.00	6.00
399	0.8400	GZ	0.00	6.00
400	0.8400	GZ	0.00	6.00
401	0.8400	GZ	0.00	6.00
407	0.8400	GZ	0.00	6.00
408	0.8400	GZ	0.00	6.00
409	0.8400	GZ	0.00	6.00
410	0.8400	GZ	0.00	6.00
411	0.8400	GZ	0.00	6.00
417	0.8400	GZ	0.00	6.00
418	0.8400	GZ	0.00	6.00
430	0.8400	GZ	0.00	6.00
431	0.8400	GZ	0.00	6.00
432	0.8400	GZ	0.00	6.00
433	0.8400	GZ	0.00	6.00
434	0.8400	GZ	0.00	6.00
435	0.8400	GZ	0.00	6.00
997	0.8400	GZ	0.00	6.00
998	0.8400	GZ	0.00	6.00
1003	0.8400	GZ	0.00	6.00
1004	0.8400	GZ	0.00	6.00
1009	0.8400	GZ	0.00	6.00
1010	0.8400	GZ	0.00	6.00
1019	0.8400	GZ	0.00	2.00
1020	0.8400	GZ	0.00	2.00
1023	0.8400	GZ	0.00	2.00
1024	0.8400	GZ	0.00	2.00
1049	0.8400	GZ	0.00	2.00
1050	0.8400	GZ	0.00	2.00
1053	0.8400	GZ	0.00	2.00
1054	0.8400	GZ	0.00	2.00

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1071	0.8400	GZ	0.00	2.00
1072	0.8400	GZ	0.00	2.00
1075	0.8400	GZ	0.00	2.00
1076	0.8400	GZ	0.00	2.00
1097	0.8400	GZ	0.00	2.00
1098	0.8400	GZ	0.00	2.00
1101	0.8400	GZ	0.00	2.00
1102	0.8400	GZ	0.00	2.00
1111	0.8400	GZ	0.00	6.00
1112	0.8400	GZ	0.00	6.00
7	0.3200	GZ	0.00	6.00
16	0.3200	GZ	0.00	1.50
63	0.3200	GZ	0.00	6.00
127	0.3200	GZ	0.00	6.00
148	0.3200	GZ	0.00	3.00
287	0.3200	GZ	0.00	4.50
376	0.3200	GZ	0.00	1.50
419	0.3200	GZ	0.00	6.00
810	0.3200	GZ	0.00	4.50
820	0.3200	GZ	0.00	1.50
833	0.3200	GZ	0.00	4.50
846	0.3200	GZ	0.00	3.00
377	0.6400	GY	0.00	1.50
378	0.6400	GY	0.00	6.00
420	0.6400	GY	0.00	6.00
421	0.6400	GY	0.00	3.00
806	0.6400	GY	0.00	1.50
809	0.6400	GY	0.00	6.00
819	0.6400	GY	0.00	1.50
825	0.6400	GY	0.00	6.00
828	0.6400	GY	0.00	1.50
838	0.6400	GY	0.00	1.50
849	0.6400	GY	0.00	3.00
992	0.6400	GY	0.00	1.50
560	0.4800	GZ	0.00	6.00
561	0.4800	GZ	0.00	6.00
562	0.4800	GZ	0.00	6.00
563	0.4800	GZ	0.00	6.00
564	0.4800	GZ	0.00	6.00
565	0.4800	GZ	0.00	6.00
566	0.4800	GZ	0.00	6.00
567	0.4800	GZ	0.00	6.00
568	0.4800	GZ	0.00	6.00
580	0.4800	GZ	0.00	6.00
581	0.4800	GZ	0.00	6.00
582	0.4800	GZ	0.00	6.00
583	0.4800	GZ	0.00	3.00
584	0.4800	GZ	0.00	6.00
589	0.4800	GZ	0.00	6.00
590	0.4800	GZ	0.00	6.00
591	0.4800	GZ	0.00	6.00
592	0.4800	GZ	0.00	3.00
593	0.4800	GZ	0.00	6.00
605	0.4800	GZ	0.00	6.00
607	0.4800	GZ	0.00	6.00
608	0.4800	GZ	0.00	6.00

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609	0.4800	GZ	0.00	6.00
610	0.4800	GZ	0.00	6.00
611	0.4800	GZ	0.00	6.00
612	0.4800	GZ	0.00	6.00
613	0.4800	GZ	0.00	6.00
619	0.4800	GZ	0.00	3.00
620	0.4800	GZ	0.00	3.00
569	0.9700	GZ	0.00	6.00
570	0.9700	GZ	0.00	6.00
571	0.9700	GZ	0.00	6.00
572	0.9700	GZ	0.00	6.00
573	0.9700	GZ	0.00	6.00
574	0.9700	GZ	0.00	6.00
575	0.9700	GZ	0.00	6.00
576	0.9700	GZ	0.00	6.00
577	0.9700	GZ	0.00	6.00
578	0.9700	GZ	0.00	6.00
579	0.9700	GZ	0.00	6.00
585	0.9700	GZ	0.00	6.00
586	0.9700	GZ	0.00	6.00
587	0.9700	GZ	0.00	6.00
588	0.9700	GZ	0.00	6.00
594	0.9700	GZ	0.00	6.00
595	0.9700	GZ	0.00	6.00
596	0.9700	GZ	0.00	6.00
597	0.9700	GZ	0.00	6.00
598	0.9700	GZ	0.00	6.00
599	0.9700	GZ	0.00	6.00
600	0.9700	GZ	0.00	6.00
601	0.9700	GZ	0.00	6.00
602	0.9700	GZ	0.00	6.00
603	0.9700	GZ	0.00	6.00
604	0.9700	GZ	0.00	6.00
614	0.9700	GZ	0.00	3.00
615	0.9700	GZ	0.00	3.00
621	0.9700	GZ	0.00	3.00
625	0.9700	GZ	0.00	3.00
632	0.9700	GZ	0.00	6.00
633	0.9700	GZ	0.00	6.00
638	0.9700	GZ	0.00	6.00
639	0.9700	GZ	0.00	6.00
644	0.9700	GZ	0.00	6.00
645	0.9700	GZ	0.00	6.00
650	0.9700	GZ	0.00	6.00
651	0.9700	GZ	0.00	6.00
656	0.9700	GZ	0.00	6.00
657	0.9700	GZ	0.00	6.00
666	0.9700	GZ	0.00	6.00
667	0.9700	GZ	0.00	6.00
668	0.9700	GZ	0.00	6.00
669	0.9700	GZ	0.00	6.00
670	0.9700	GZ	0.00	6.00
671	0.9700	GZ	0.00	6.00
672	0.9700	GZ	0.00	6.00
673	0.9700	GZ	0.00	6.00
680	0.9700	GZ	0.00	6.00

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681	0.9700	GZ	0.00	6.00
682	0.9700	GZ	0.00	6.00
683	0.9700	GZ	0.00	6.00
684	0.9700	GZ	0.00	6.00
685	0.9700	GZ	0.00	6.00
690	0.9700	GZ	0.00	6.00
691	0.9700	GZ	0.00	6.00
700	0.9700	GZ	0.00	6.00
701	0.9700	GZ	0.00	6.00
702	0.9700	GZ	0.00	6.00
703	0.9700	GZ	0.00	6.00
704	0.9700	GZ	0.00	6.00
705	0.9700	GZ	0.00	6.00
706	0.9700	GZ	0.00	6.00
707	0.9700	GZ	0.00	6.00
716	0.9700	GZ	0.00	6.00
717	0.9700	GZ	0.00	6.00
718	0.9700	GZ	0.00	6.00
719	0.9700	GZ	0.00	6.00
720	0.9700	GZ	0.00	6.00
721	0.9700	GZ	0.00	6.00
722	0.9700	GZ	0.00	6.00
723	0.9700	GZ	0.00	6.00
732	0.9700	GZ	0.00	6.00
733	0.9700	GZ	0.00	6.00
734	0.9700	GZ	0.00	6.00
735	0.9700	GZ	0.00	6.00
736	0.9700	GZ	0.00	6.00
737	0.9700	GZ	0.00	6.00
738	0.9700	GZ	0.00	6.00
739	0.9700	GZ	0.00	6.00
741	0.9700	GZ	0.00	3.00
743	0.9700	GZ	0.00	3.00
748	0.9700	GZ	0.00	6.00
749	0.9700	GZ	0.00	6.00
750	0.9700	GZ	0.00	6.00
751	0.9700	GZ	0.00	6.00
758	0.9700	GZ	0.00	6.00
759	0.9700	GZ	0.00	6.00
762	0.9700	GZ	0.00	6.00
763	0.9700	GZ	0.00	6.00
774	0.9700	GZ	0.00	6.00
775	0.9700	GZ	0.00	6.00
776	0.9700	GZ	0.00	6.00
777	0.9700	GZ	0.00	6.00
778	0.9700	GZ	0.00	6.00
779	0.9700	GZ	0.00	6.00
780	0.9700	GZ	0.00	6.00
781	0.9700	GZ	0.00	6.00
782	0.9700	GZ	0.00	6.00
783	0.9700	GZ	0.00	6.00
794	0.9700	GZ	0.00	6.00
795	0.9700	GZ	0.00	6.00
796	0.9700	GZ	0.00	6.00
797	0.9700	GZ	0.00	6.00
798	0.9700	GZ	0.00	6.00

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799	0.9700	GZ	0.00	6.00
800	0.9700	GZ	0.00	6.00
801	0.9700	GZ	0.00	6.00
802	0.9700	GZ	0.00	6.00
803	0.9700	GZ	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
3	0.1800	GX	0.00	6.00				
5	0.1800	GX	0.00	6.00				
10	0.1800	GX	0.00	6.00				
12	0.1800	GX	0.00	6.00				
14	0.1800	GX	0.00	6.00				
16	0.1800	GX	0.00	1.50				
25	0.1800	GX	0.00	6.00				
27	0.1800	GX	0.00	6.00				
50	0.1800	GX	0.00	2.00				
58	0.1800	GX	0.00	6.00				
61	0.1800	GX	0.00	6.00				
63	0.1800	GX	0.00	6.00				
67	0.1800	GX	0.00	0.25				
74	0.1800	GX	0.00	2.00				
75	0.1800	GX	0.00	6.00				
78	0.1800	GX	0.00	4.50				
84	0.1800	GX	0.00	0.50				
88	0.1800	GX	0.00	2.00				
89	0.1800	GX	0.00	6.00				
103	0.1800	GX	0.00	2.00				
104	0.1800	GX	0.00	0.25				
107	0.1800	GX	0.00	2.00				
109	0.1800	GX	0.00	2.00				
118	0.1800	GX	0.00	6.00				
119	0.1800	GX	0.00	6.00				
120	0.1800	GX	0.00	2.00				
125	0.1800	GX	0.00	0.25				
127	0.1800	GX	0.00	6.00				
131	0.1800	GX	0.00	2.00				
134	0.1800	GX	0.00	6.00				
139	0.1800	GX	0.00	2.00				
144	0.1800	GX	0.00	2.00				
145	0.1800	GX	0.00	2.00				
146	0.1800	GX	0.00	2.00				
156	0.1800	GX	0.00	6.00				
220	0.1800	GX	0.00	2.00				
221	0.1800	GX	0.00	2.00				
252	0.1800	GX	0.00	2.00				
253	0.1800	GX	0.00	2.00				
254	0.1800	GX	0.00	2.00				
255	0.1800	GX	0.00	2.00				
269	0.1800	GX	0.00	2.00				
270	0.1800	GX	0.00	2.00				
285	0.1800	GX	0.00	2.00				
286	0.1800	GX	0.00	2.00				

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291	0.1800	GX	0.00	0.25
292	0.1800	GX	0.00	0.25
322	0.1800	GX	0.00	0.25
323	0.1800	GX	0.00	0.25
325	0.1800	GX	0.00	0.25
326	0.1800	GX	0.00	0.25
346	0.1800	GX	0.00	2.00
347	0.1800	GX	0.00	2.00
348	0.1800	GX	0.00	2.00
349	0.1800	GX	0.00	2.00
366	0.1800	GX	0.00	0.25
367	0.1800	GX	0.00	0.25
368	0.1800	GX	0.00	0.25
376	0.1800	GX	0.00	1.50
379	0.1800	GX	0.00	2.00
380	0.1800	GX	0.00	2.00
381	0.1800	GX	0.00	2.00
382	0.1800	GX	0.00	2.00
419	0.1800	GX	0.00	6.00
422	0.1800	GX	0.00	2.00
423	0.1800	GX	0.00	2.00
811	0.1800	GX	0.00	4.50
820	0.1800	GX	0.00	1.50
834	0.1800	GX	0.00	4.50
993	0.1800	GX	0.00	2.00
994	0.1800	GX	0.00	2.00
999	0.1800	GX	0.00	2.00
1000	0.1800	GX	0.00	2.00
1005	0.1800	GX	0.00	2.00
1006	0.1800	GX	0.00	2.00
1011	0.1800	GX	0.00	2.00
1012	0.1800	GX	0.00	1.75
1016	0.1800	GX	0.00	1.75
1018	0.1800	GX	0.00	1.75
1021	0.1800	GX	0.00	2.00
1022	0.1800	GX	0.00	2.00
1025	0.1800	GX	0.00	1.75
1027	0.1800	GX	0.00	1.75
1028	0.1800	GX	0.00	1.75
1029	0.1800	GX	0.00	2.00
1030	0.1800	GX	0.00	2.00
1031	0.1800	GX	0.00	0.25
1033	0.1800	GX	0.00	0.25
1034	0.1800	GX	0.00	0.25
1035	0.1800	GX	0.00	2.00
1036	0.1800	GX	0.00	2.00
1040	0.1800	GX	0.00	1.75
1042	0.1800	GX	0.00	1.75
1044	0.1800	GX	0.00	1.75
1045	0.1800	GX	0.00	1.75
1047	0.1800	GX	0.00	0.25
1048	0.1800	GX	0.00	0.25
1051	0.1800	GX	0.00	2.00
1052	0.1800	GX	0.00	2.00
1055	0.1800	GX	0.00	2.00
1056	0.1800	GX	0.00	2.00

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1057	0.1800	GX	0.00	2.00
1058	0.1800	GX	0.00	2.00
1059	0.1800	GX	0.00	2.00
1060	0.1800	GX	0.00	1.75
1062	0.1800	GX	0.00	1.75
1064	0.1800	GX	0.00	1.75
1065	0.1800	GX	0.00	1.75
1066	0.1800	GX	0.00	1.75
1067	0.1800	GX	0.00	1.75
1068	0.1800	GX	0.00	0.25
1069	0.1800	GX	0.00	0.25
1070	0.1800	GX	0.00	0.25
1073	0.1800	GX	0.00	2.00
1074	0.1800	GX	0.00	2.00
1077	0.1800	GX	0.00	2.00
1078	0.1800	GX	0.00	2.00
1079	0.1800	GX	0.00	2.00
1080	0.1800	GX	0.00	2.00
1081	0.1800	GX	0.00	2.00
1082	0.1800	GX	0.00	1.75
1083	0.1800	GX	0.00	1.75
1084	0.1800	GX	0.00	0.25
1085	0.1800	GX	0.00	2.00
1086	0.1800	GX	0.00	1.75
1088	0.1800	GX	0.00	1.75
1090	0.1800	GX	0.00	1.75
1091	0.1800	GX	0.00	1.75
1092	0.1800	GX	0.00	1.75
1093	0.1800	GX	0.00	1.75
1094	0.1800	GX	0.00	0.25
1095	0.1800	GX	0.00	0.25
1096	0.1800	GX	0.00	0.25
1099	0.1800	GX	0.00	2.00
1100	0.1800	GX	0.00	2.00
1103	0.1800	GX	0.00	2.00
1104	0.1800	GX	0.00	2.00
1105	0.1800	GX	0.00	2.00
1106	0.1800	GX	0.00	2.00
1113	0.1800	GX	0.00	1.50
23	0.3600	GX	0.00	6.00
29	0.3600	GX	0.00	6.00
38	0.3600	GX	0.00	6.00
40	0.3600	GX	0.00	6.00
42	0.3600	GX	0.00	6.00
44	0.3600	GX	0.00	6.00
65	0.3600	GX	0.00	6.00
80	0.3600	GX	0.00	6.00
103	0.3600	GX	0.00	2.00
126	0.3600	GX	0.00	6.00
153	0.3600	GX	0.00	6.00
154	0.3600	GX	0.00	6.00
155	0.3600	GX	0.00	6.00
165	0.3600	GX	0.00	6.00
166	0.3600	GX	0.00	6.00
169	0.3600	GX	0.00	6.00
170	0.3600	GX	0.00	6.00

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175	0.3600	GX	0.00	6.00
176	0.3600	GX	0.00	6.00
181	0.3600	GX	0.00	6.00
182	0.3600	GX	0.00	6.00
189	0.3600	GX	0.00	6.00
190	0.3600	GX	0.00	6.00
191	0.3600	GX	0.00	6.00
196	0.3600	GX	0.00	6.00
197	0.3600	GX	0.00	6.00
203	0.3600	GX	0.00	6.00
204	0.3600	GX	0.00	6.00
205	0.3600	GX	0.00	6.00
206	0.3600	GX	0.00	6.00
207	0.3600	GX	0.00	6.00
213	0.3600	GX	0.00	6.00
214	0.3600	GX	0.00	6.00
215	0.3600	GX	0.00	6.00
216	0.3600	GX	0.00	6.00
217	0.3600	GX	0.00	6.00
222	0.3600	GX	0.00	6.00
223	0.3600	GX	0.00	6.00
224	0.3600	GX	0.00	6.00
225	0.3600	GX	0.00	6.00
226	0.3600	GX	0.00	6.00
233	0.3600	GX	0.00	6.00
235	0.3600	GX	0.00	6.00
237	0.3600	GX	0.00	6.00
239	0.3600	GX	0.00	6.00
241	0.3600	GX	0.00	6.00
247	0.3600	GX	0.00	6.00
248	0.3600	GX	0.00	6.00
249	0.3600	GX	0.00	6.00
250	0.3600	GX	0.00	6.00
251	0.3600	GX	0.00	6.00
256	0.3600	GX	0.00	6.00
257	0.3600	GX	0.00	6.00
258	0.3600	GX	0.00	6.00
259	0.3600	GX	0.00	6.00
260	0.3600	GX	0.00	6.00
271	0.3600	GX	0.00	6.00
272	0.3600	GX	0.00	6.00
273	0.3600	GX	0.00	6.00
274	0.3600	GX	0.00	6.00
275	0.3600	GX	0.00	6.00
276	0.3600	GX	0.00	6.00
277	0.3600	GX	0.00	6.00
278	0.3600	GX	0.00	6.00
289	0.3600	GX	0.00	6.00
290	0.3600	GX	0.00	6.00
299	0.3600	GX	0.00	6.00
300	0.3600	GX	0.00	6.00
301	0.3600	GX	0.00	6.00
302	0.3600	GX	0.00	6.00
305	0.3600	GX	0.00	6.00
306	0.3600	GX	0.00	6.00
310	0.3600	GX	0.00	6.00

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311	0.3600	GX	0.00	6.00
315	0.3600	GX	0.00	6.00
316	0.3600	GX	0.00	6.00
332	0.3600	GX	0.00	6.00
333	0.3600	GX	0.00	6.00
334	0.3600	GX	0.00	6.00
335	0.3600	GX	0.00	6.00
336	0.3600	GX	0.00	6.00
341	0.3600	GX	0.00	6.00
342	0.3600	GX	0.00	6.00
343	0.3600	GX	0.00	6.00
344	0.3600	GX	0.00	6.00
345	0.3600	GX	0.00	6.00
364	0.3600	GX	0.00	6.00
365	0.3600	GX	0.00	6.00
369	0.3600	GX	0.00	6.00
370	0.3600	GX	0.00	6.00
371	0.3600	GX	0.00	6.00
372	0.3600	GX	0.00	6.00
373	0.3600	GX	0.00	6.00
374	0.3600	GX	0.00	6.00
375	0.3600	GX	0.00	6.00
381	0.3600	GX	0.00	2.00
382	0.3600	GX	0.00	2.00
384	0.3600	GX	0.00	6.00
386	0.3600	GX	0.00	6.00
388	0.3600	GX	0.00	6.00
390	0.3600	GX	0.00	6.00
392	0.3600	GX	0.00	6.00
397	0.3600	GX	0.00	6.00
398	0.3600	GX	0.00	6.00
399	0.3600	GX	0.00	6.00
400	0.3600	GX	0.00	6.00
401	0.3600	GX	0.00	6.00
407	0.3600	GX	0.00	6.00
408	0.3600	GX	0.00	6.00
409	0.3600	GX	0.00	6.00
410	0.3600	GX	0.00	6.00
411	0.3600	GX	0.00	6.00
417	0.3600	GX	0.00	6.00
418	0.3600	GX	0.00	6.00
430	0.3600	GX	0.00	6.00
431	0.3600	GX	0.00	6.00
432	0.3600	GX	0.00	6.00
433	0.3600	GX	0.00	6.00
434	0.3600	GX	0.00	6.00
435	0.3600	GX	0.00	6.00
997	0.3600	GX	0.00	6.00
998	0.3600	GX	0.00	6.00
1003	0.3600	GX	0.00	6.00
1004	0.3600	GX	0.00	6.00
1009	0.3600	GX	0.00	6.00
1010	0.3600	GX	0.00	6.00
1019	0.3600	GX	0.00	2.00
1020	0.3600	GX	0.00	2.00
1023	0.3600	GX	0.00	2.00

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1024	0.3600	GX	0.00	2.00
1049	0.3600	GX	0.00	2.00
1050	0.3600	GX	0.00	2.00
1053	0.3600	GX	0.00	2.00
1054	0.3600	GX	0.00	2.00
1071	0.3600	GX	0.00	2.00
1072	0.3600	GX	0.00	2.00
1075	0.3600	GX	0.00	2.00
1076	0.3600	GX	0.00	2.00
1097	0.3600	GX	0.00	2.00
1098	0.3600	GX	0.00	2.00
1101	0.3600	GX	0.00	2.00
1102	0.3600	GX	0.00	2.00
1111	0.3600	GX	0.00	6.00
1112	0.3600	GX	0.00	6.00
7	0.1400	GX	0.00	6.00
16	0.1400	GX	0.00	1.50
63	0.1400	GX	0.00	6.00
127	0.1400	GX	0.00	6.00
148	0.1400	GX	0.00	3.00
287	0.1400	GX	0.00	4.50
376	0.1400	GX	0.00	1.50
419	0.1400	GX	0.00	6.00
810	0.1400	GX	0.00	4.50
820	0.1400	GX	0.00	1.50
833	0.1400	GX	0.00	4.50
846	0.1400	GX	0.00	3.00
377	0.2700	GX	0.00	1.50
378	0.2700	GX	0.00	6.00
420	0.2700	GX	0.00	6.00
421	0.2700	GX	0.00	3.00
806	0.2700	GX	0.00	1.50
809	0.2700	GX	0.00	6.00
819	0.2700	GX	0.00	1.50
825	0.2700	GX	0.00	6.00
828	0.2700	GX	0.00	1.50
838	0.2700	GX	0.00	1.50
849	0.2700	GX	0.00	3.00
992	0.2700	GX	0.00	1.50
560	0.0700	GX	0.00	6.00
561	0.0700	GX	0.00	6.00
562	0.0700	GX	0.00	6.00
563	0.0700	GX	0.00	6.00
564	0.0700	GX	0.00	6.00
565	0.0700	GX	0.00	6.00
566	0.0700	GX	0.00	6.00
567	0.0700	GX	0.00	6.00
568	0.0700	GX	0.00	6.00
580	0.0700	GX	0.00	6.00
581	0.0700	GX	0.00	6.00
582	0.0700	GX	0.00	6.00
583	0.0700	GX	0.00	3.00
584	0.0700	GX	0.00	6.00
589	0.0700	GX	0.00	6.00
590	0.0700	GX	0.00	6.00
591	0.0700	GX	0.00	6.00

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592	0.0700	GX	0.00	3.00
593	0.0700	GX	0.00	6.00
605	0.0700	GX	0.00	6.00
607	0.0700	GX	0.00	6.00
608	0.0700	GX	0.00	6.00
609	0.0700	GX	0.00	6.00
610	0.0700	GX	0.00	6.00
611	0.0700	GX	0.00	6.00
612	0.0700	GX	0.00	6.00
613	0.0700	GX	0.00	6.00
619	0.0700	GX	0.00	3.00
620	0.0700	GX	0.00	3.00
569	0.1400	GX	0.00	6.00
570	0.1400	GX	0.00	6.00
571	0.1400	GX	0.00	6.00
572	0.1400	GX	0.00	6.00
573	0.1400	GX	0.00	6.00
574	0.1400	GX	0.00	6.00
575	0.1400	GX	0.00	6.00
576	0.1400	GX	0.00	6.00
577	0.1400	GX	0.00	6.00
578	0.1400	GX	0.00	6.00
579	0.1400	GX	0.00	6.00
585	0.1400	GX	0.00	6.00
586	0.1400	GX	0.00	6.00
587	0.1400	GX	0.00	6.00
588	0.1400	GX	0.00	6.00
594	0.1400	GX	0.00	6.00
595	0.1400	GX	0.00	6.00
596	0.1400	GX	0.00	6.00
597	0.1400	GX	0.00	6.00
598	0.1400	GX	0.00	6.00
599	0.1400	GX	0.00	6.00
600	0.1400	GX	0.00	6.00
601	0.1400	GX	0.00	6.00
602	0.1400	GX	0.00	6.00
603	0.1400	GX	0.00	6.00
604	0.1400	GX	0.00	6.00
614	0.1400	GX	0.00	3.00
615	0.1400	GX	0.00	3.00
621	0.1400	GX	0.00	3.00
625	0.1400	GX	0.00	3.00
632	0.1400	GX	0.00	6.00
633	0.1400	GX	0.00	6.00
638	0.1400	GX	0.00	6.00
639	0.1400	GX	0.00	6.00
644	0.1400	GX	0.00	6.00
645	0.1400	GX	0.00	6.00
650	0.1400	GX	0.00	6.00
651	0.1400	GX	0.00	6.00
656	0.1400	GX	0.00	6.00
657	0.1400	GX	0.00	6.00
666	0.1400	GX	0.00	6.00
667	0.1400	GX	0.00	6.00
668	0.1400	GX	0.00	6.00
669	0.1400	GX	0.00	6.00

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670	0.1400	GX	0.00	6.00
671	0.1400	GX	0.00	6.00
672	0.1400	GX	0.00	6.00
673	0.1400	GX	0.00	6.00
680	0.1400	GX	0.00	6.00
681	0.1400	GX	0.00	6.00
682	0.1400	GX	0.00	6.00
683	0.1400	GX	0.00	6.00
684	0.1400	GX	0.00	6.00
685	0.1400	GX	0.00	6.00
690	0.1400	GX	0.00	6.00
691	0.1400	GX	0.00	6.00
700	0.1400	GX	0.00	6.00
701	0.1400	GX	0.00	6.00
702	0.1400	GX	0.00	6.00
703	0.1400	GX	0.00	6.00
704	0.1400	GX	0.00	6.00
705	0.1400	GX	0.00	6.00
706	0.1400	GX	0.00	6.00
707	0.1400	GX	0.00	6.00
716	0.1400	GX	0.00	6.00
717	0.1400	GX	0.00	6.00
718	0.1400	GX	0.00	6.00
719	0.1400	GX	0.00	6.00
720	0.1400	GX	0.00	6.00
721	0.1400	GX	0.00	6.00
722	0.1400	GX	0.00	6.00
723	0.1400	GX	0.00	6.00
732	0.1400	GX	0.00	6.00
733	0.1400	GX	0.00	6.00
734	0.1400	GX	0.00	6.00
735	0.1400	GX	0.00	6.00
736	0.1400	GX	0.00	6.00
737	0.1400	GX	0.00	6.00
738	0.1400	GX	0.00	6.00
739	0.1400	GX	0.00	6.00
741	0.1400	GX	0.00	3.00
743	0.1400	GX	0.00	3.00
748	0.1400	GX	0.00	6.00
749	0.1400	GX	0.00	6.00
750	0.1400	GX	0.00	6.00
751	0.1400	GX	0.00	6.00
758	0.1400	GX	0.00	6.00
759	0.1400	GX	0.00	6.00
762	0.1400	GX	0.00	6.00
763	0.1400	GX	0.00	6.00
774	0.1400	GX	0.00	6.00
775	0.1400	GX	0.00	6.00
776	0.1400	GX	0.00	6.00
777	0.1400	GX	0.00	6.00
778	0.1400	GX	0.00	6.00
779	0.1400	GX	0.00	6.00
780	0.1400	GX	0.00	6.00
781	0.1400	GX	0.00	6.00
782	0.1400	GX	0.00	6.00
783	0.1400	GX	0.00	6.00

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794	0.1400	GX	0.00	6.00
795	0.1400	GX	0.00	6.00
796	0.1400	GX	0.00	6.00
797	0.1400	GX	0.00	6.00
798	0.1400	GX	0.00	6.00
799	0.1400	GX	0.00	6.00
800	0.1400	GX	0.00	6.00
801	0.1400	GX	0.00	6.00
802	0.1400	GX	0.00	6.00
803	0.1400	GX	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL		L1	L2	CON	L	LIN1	LIN2
3	0.1800	GY	0.00	6.00				
5	0.1800	GY	0.00	6.00				
10	0.1800	GY	0.00	6.00				
12	0.1800	GY	0.00	6.00				
14	0.1800	GY	0.00	6.00				
16	0.1800	GY	0.00	1.50				
25	0.1800	GY	0.00	6.00				
27	0.1800	GY	0.00	6.00				
50	0.1800	GY	0.00	2.00				
58	0.1800	GY	0.00	6.00				
61	0.1800	GY	0.00	6.00				
63	0.1800	GY	0.00	6.00				
67	0.1800	GY	0.00	0.25				
74	0.1800	GY	0.00	2.00				
75	0.1800	GY	0.00	6.00				
78	0.1800	GY	0.00	4.50				
84	0.1800	GY	0.00	0.50				
88	0.1800	GY	0.00	2.00				
89	0.1800	GY	0.00	6.00				
103	0.1800	GY	0.00	2.00				
104	0.1800	GY	0.00	0.25				
107	0.1800	GY	0.00	2.00				
109	0.1800	GY	0.00	2.00				
118	0.1800	GY	0.00	6.00				
119	0.1800	GY	0.00	6.00				
120	0.1800	GY	0.00	2.00				
125	0.1800	GY	0.00	0.25				
127	0.1800	GY	0.00	6.00				
131	0.1800	GY	0.00	2.00				
134	0.1800	GY	0.00	6.00				
139	0.1800	GY	0.00	2.00				
144	0.1800	GY	0.00	2.00				
145	0.1800	GY	0.00	2.00				
146	0.1800	GY	0.00	2.00				
156	0.1800	GY	0.00	6.00				
220	0.1800	GY	0.00	2.00				
221	0.1800	GY	0.00	2.00				
252	0.1800	GY	0.00	2.00				
253	0.1800	GY	0.00	2.00				
254	0.1800	GY	0.00	2.00				

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255	0.1800	GY	0.00	2.00
269	0.1800	GY	0.00	2.00
270	0.1800	GY	0.00	2.00
285	0.1800	GY	0.00	2.00
286	0.1800	GY	0.00	2.00
291	0.1800	GY	0.00	0.25
292	0.1800	GY	0.00	0.25
322	0.1800	GY	0.00	0.25
323	0.1800	GY	0.00	0.25
325	0.1800	GY	0.00	0.25
326	0.1800	GY	0.00	0.25
346	0.1800	GY	0.00	2.00
347	0.1800	GY	0.00	2.00
348	0.1800	GY	0.00	2.00
349	0.1800	GY	0.00	2.00
366	0.1800	GY	0.00	0.25
367	0.1800	GY	0.00	0.25
368	0.1800	GY	0.00	0.25
376	0.1800	GY	0.00	1.50
379	0.1800	GY	0.00	2.00
380	0.1800	GY	0.00	2.00
381	0.1800	GY	0.00	2.00
382	0.1800	GY	0.00	2.00
419	0.1800	GY	0.00	6.00
422	0.1800	GY	0.00	2.00
423	0.1800	GY	0.00	2.00
811	0.1800	GY	0.00	4.50
820	0.1800	GY	0.00	1.50
834	0.1800	GY	0.00	4.50
993	0.1800	GY	0.00	2.00
994	0.1800	GY	0.00	2.00
999	0.1800	GY	0.00	2.00
1000	0.1800	GY	0.00	2.00
1005	0.1800	GY	0.00	2.00
1006	0.1800	GY	0.00	2.00
1011	0.1800	GY	0.00	2.00
1012	0.1800	GY	0.00	1.75
1016	0.1800	GY	0.00	1.75
1018	0.1800	GY	0.00	1.75
1021	0.1800	GY	0.00	2.00
1022	0.1800	GY	0.00	2.00
1025	0.1800	GY	0.00	1.75
1027	0.1800	GY	0.00	1.75
1028	0.1800	GY	0.00	1.75
1029	0.1800	GY	0.00	2.00
1030	0.1800	GY	0.00	2.00
1031	0.1800	GY	0.00	0.25
1033	0.1800	GY	0.00	0.25
1034	0.1800	GY	0.00	0.25
1035	0.1800	GY	0.00	2.00
1036	0.1800	GY	0.00	2.00
1040	0.1800	GY	0.00	1.75
1042	0.1800	GY	0.00	1.75
1044	0.1800	GY	0.00	1.75
1045	0.1800	GY	0.00	1.75
1047	0.1800	GY	0.00	0.25

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1048	0.1800	GY	0.00	0.25
1051	0.1800	GY	0.00	2.00
1052	0.1800	GY	0.00	2.00
1055	0.1800	GY	0.00	2.00
1056	0.1800	GY	0.00	2.00
1057	0.1800	GY	0.00	2.00
1058	0.1800	GY	0.00	2.00
1059	0.1800	GY	0.00	2.00
1060	0.1800	GY	0.00	1.75
1062	0.1800	GY	0.00	1.75
1064	0.1800	GY	0.00	1.75
1065	0.1800	GY	0.00	1.75
1066	0.1800	GY	0.00	1.75
1067	0.1800	GY	0.00	1.75
1068	0.1800	GY	0.00	0.25
1069	0.1800	GY	0.00	0.25
1070	0.1800	GY	0.00	0.25
1073	0.1800	GY	0.00	2.00
1074	0.1800	GY	0.00	2.00
1077	0.1800	GY	0.00	2.00
1078	0.1800	GY	0.00	2.00
1079	0.1800	GY	0.00	2.00
1080	0.1800	GY	0.00	2.00
1081	0.1800	GY	0.00	2.00
1082	0.1800	GY	0.00	1.75
1083	0.1800	GY	0.00	1.75
1084	0.1800	GY	0.00	0.25
1085	0.1800	GY	0.00	2.00
1086	0.1800	GY	0.00	1.75
1088	0.1800	GY	0.00	1.75
1090	0.1800	GY	0.00	1.75
1091	0.1800	GY	0.00	1.75
1092	0.1800	GY	0.00	1.75
1093	0.1800	GY	0.00	1.75
1094	0.1800	GY	0.00	0.25
1095	0.1800	GY	0.00	0.25
1096	0.1800	GY	0.00	0.25
1099	0.1800	GY	0.00	2.00
1100	0.1800	GY	0.00	2.00
1103	0.1800	GY	0.00	2.00
1104	0.1800	GY	0.00	2.00
1105	0.1800	GY	0.00	2.00
1106	0.1800	GY	0.00	2.00
1113	0.1800	GY	0.00	1.50
23	0.3600	GY	0.00	6.00
29	0.3600	GY	0.00	6.00
38	0.3600	GY	0.00	6.00
40	0.3600	GY	0.00	6.00
42	0.3600	GY	0.00	6.00
44	0.3600	GY	0.00	6.00
65	0.3600	GY	0.00	6.00
80	0.3600	GY	0.00	6.00
103	0.3600	GY	0.00	2.00
126	0.3600	GY	0.00	6.00
153	0.3600	GY	0.00	6.00
154	0.3600	GY	0.00	6.00

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155	0.3600	GY	0.00	6.00
165	0.3600	GY	0.00	6.00
166	0.3600	GY	0.00	6.00
169	0.3600	GY	0.00	6.00
170	0.3600	GY	0.00	6.00
175	0.3600	GY	0.00	6.00
176	0.3600	GY	0.00	6.00
181	0.3600	GY	0.00	6.00
182	0.3600	GY	0.00	6.00
189	0.3600	GY	0.00	6.00
190	0.3600	GY	0.00	6.00
191	0.3600	GY	0.00	6.00
196	0.3600	GY	0.00	6.00
197	0.3600	GY	0.00	6.00
203	0.3600	GY	0.00	6.00
204	0.3600	GY	0.00	6.00
205	0.3600	GY	0.00	6.00
206	0.3600	GY	0.00	6.00
207	0.3600	GY	0.00	6.00
213	0.3600	GY	0.00	6.00
214	0.3600	GY	0.00	6.00
215	0.3600	GY	0.00	6.00
216	0.3600	GY	0.00	6.00
217	0.3600	GY	0.00	6.00
222	0.3600	GY	0.00	6.00
223	0.3600	GY	0.00	6.00
224	0.3600	GY	0.00	6.00
225	0.3600	GY	0.00	6.00
226	0.3600	GY	0.00	6.00
233	0.3600	GY	0.00	6.00
235	0.3600	GY	0.00	6.00
237	0.3600	GY	0.00	6.00
239	0.3600	GY	0.00	6.00
241	0.3600	GY	0.00	6.00
247	0.3600	GY	0.00	6.00
248	0.3600	GY	0.00	6.00
249	0.3600	GY	0.00	6.00
250	0.3600	GY	0.00	6.00
251	0.3600	GY	0.00	6.00
256	0.3600	GY	0.00	6.00
257	0.3600	GY	0.00	6.00
258	0.3600	GY	0.00	6.00
259	0.3600	GY	0.00	6.00
260	0.3600	GY	0.00	6.00
271	0.3600	GY	0.00	6.00
272	0.3600	GY	0.00	6.00
273	0.3600	GY	0.00	6.00
274	0.3600	GY	0.00	6.00
275	0.3600	GY	0.00	6.00
276	0.3600	GY	0.00	6.00
277	0.3600	GY	0.00	6.00
278	0.3600	GY	0.00	6.00
289	0.3600	GY	0.00	6.00
290	0.3600	GY	0.00	6.00
299	0.3600	GY	0.00	6.00
300	0.3600	GY	0.00	6.00

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301	0.3600	GY	0.00	6.00
302	0.3600	GY	0.00	6.00
305	0.3600	GY	0.00	6.00
306	0.3600	GY	0.00	6.00
310	0.3600	GY	0.00	6.00
311	0.3600	GY	0.00	6.00
315	0.3600	GY	0.00	6.00
316	0.3600	GY	0.00	6.00
332	0.3600	GY	0.00	6.00
333	0.3600	GY	0.00	6.00
334	0.3600	GY	0.00	6.00
335	0.3600	GY	0.00	6.00
336	0.3600	GY	0.00	6.00
341	0.3600	GY	0.00	6.00
342	0.3600	GY	0.00	6.00
343	0.3600	GY	0.00	6.00
344	0.3600	GY	0.00	6.00
345	0.3600	GY	0.00	6.00
364	0.3600	GY	0.00	6.00
365	0.3600	GY	0.00	6.00
369	0.3600	GY	0.00	6.00
370	0.3600	GY	0.00	6.00
371	0.3600	GY	0.00	6.00
372	0.3600	GY	0.00	6.00
373	0.3600	GY	0.00	6.00
374	0.3600	GY	0.00	6.00
375	0.3600	GY	0.00	6.00
381	0.3600	GY	0.00	2.00
382	0.3600	GY	0.00	2.00
384	0.3600	GY	0.00	6.00
386	0.3600	GY	0.00	6.00
388	0.3600	GY	0.00	6.00
390	0.3600	GY	0.00	6.00
392	0.3600	GY	0.00	6.00
397	0.3600	GY	0.00	6.00
398	0.3600	GY	0.00	6.00
399	0.3600	GY	0.00	6.00
400	0.3600	GY	0.00	6.00
401	0.3600	GY	0.00	6.00
407	0.3600	GY	0.00	6.00
408	0.3600	GY	0.00	6.00
409	0.3600	GY	0.00	6.00
410	0.3600	GY	0.00	6.00
411	0.3600	GY	0.00	6.00
417	0.3600	GY	0.00	6.00
418	0.3600	GY	0.00	6.00
430	0.3600	GY	0.00	6.00
431	0.3600	GY	0.00	6.00
432	0.3600	GY	0.00	6.00
433	0.3600	GY	0.00	6.00
434	0.3600	GY	0.00	6.00
435	0.3600	GY	0.00	6.00
997	0.3600	GY	0.00	6.00
998	0.3600	GY	0.00	6.00
1003	0.3600	GY	0.00	6.00
1004	0.3600	GY	0.00	6.00

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1009	0.3600	GY	0.00	6.00
1010	0.3600	GY	0.00	6.00
1019	0.3600	GY	0.00	2.00
1020	0.3600	GY	0.00	2.00
1023	0.3600	GY	0.00	2.00
1024	0.3600	GY	0.00	2.00
1049	0.3600	GY	0.00	2.00
1050	0.3600	GY	0.00	2.00
1053	0.3600	GY	0.00	2.00
1054	0.3600	GY	0.00	2.00
1071	0.3600	GY	0.00	2.00
1072	0.3600	GY	0.00	2.00
1075	0.3600	GY	0.00	2.00
1076	0.3600	GY	0.00	2.00
1097	0.3600	GY	0.00	2.00
1098	0.3600	GY	0.00	2.00
1101	0.3600	GY	0.00	2.00
1102	0.3600	GY	0.00	2.00
1111	0.3600	GY	0.00	6.00
1112	0.3600	GY	0.00	6.00
7	0.1400	GY	0.00	6.00
16	0.1400	GY	0.00	1.50
63	0.1400	GY	0.00	6.00
127	0.1400	GY	0.00	6.00
148	0.1400	GY	0.00	3.00
287	0.1400	GY	0.00	4.50
376	0.1400	GY	0.00	1.50
419	0.1400	GY	0.00	6.00
810	0.1400	GY	0.00	4.50
820	0.1400	GY	0.00	1.50
833	0.1400	GY	0.00	4.50
846	0.1400	GY	0.00	3.00
377	0.2700	GY	0.00	1.50
378	0.2700	GY	0.00	6.00
420	0.2700	GY	0.00	6.00
421	0.2700	GY	0.00	3.00
806	0.2700	GY	0.00	1.50
809	0.2700	GY	0.00	6.00
819	0.2700	GY	0.00	1.50
825	0.2700	GY	0.00	6.00
828	0.2700	GY	0.00	1.50
838	0.2700	GY	0.00	1.50
849	0.2700	GY	0.00	3.00
992	0.2700	GY	0.00	1.50
560	0.0700	GY	0.00	6.00
561	0.0700	GY	0.00	6.00
562	0.0700	GY	0.00	6.00
563	0.0700	GY	0.00	6.00
564	0.0700	GY	0.00	6.00
565	0.0700	GY	0.00	6.00
566	0.0700	GY	0.00	6.00
567	0.0700	GY	0.00	6.00
568	0.0700	GY	0.00	6.00
580	0.0700	GY	0.00	6.00
581	0.0700	GY	0.00	6.00
582	0.0700	GY	0.00	6.00

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583	0.0700	GY	0.00	3.00
584	0.0700	GY	0.00	6.00
589	0.0700	GY	0.00	6.00
590	0.0700	GY	0.00	6.00
591	0.0700	GY	0.00	6.00
592	0.0700	GY	0.00	3.00
593	0.0700	GY	0.00	6.00
605	0.0700	GY	0.00	6.00
607	0.0700	GY	0.00	6.00
608	0.0700	GY	0.00	6.00
609	0.0700	GY	0.00	6.00
610	0.0700	GY	0.00	6.00
611	0.0700	GY	0.00	6.00
612	0.0700	GY	0.00	6.00
613	0.0700	GY	0.00	6.00
619	0.0700	GY	0.00	3.00
620	0.0700	GY	0.00	3.00
569	0.1400	GY	0.00	6.00
570	0.1400	GY	0.00	6.00
571	0.1400	GY	0.00	6.00
572	0.1400	GY	0.00	6.00
573	0.1400	GY	0.00	6.00
574	0.1400	GY	0.00	6.00
575	0.1400	GY	0.00	6.00
576	0.1400	GY	0.00	6.00
577	0.1400	GY	0.00	6.00
578	0.1400	GY	0.00	6.00
579	0.1400	GY	0.00	6.00
585	0.1400	GY	0.00	6.00
586	0.1400	GY	0.00	6.00
587	0.1400	GY	0.00	6.00
588	0.1400	GY	0.00	6.00
594	0.1400	GY	0.00	6.00
595	0.1400	GY	0.00	6.00
596	0.1400	GY	0.00	6.00
597	0.1400	GY	0.00	6.00
598	0.1400	GY	0.00	6.00
599	0.1400	GY	0.00	6.00
600	0.1400	GY	0.00	6.00
601	0.1400	GY	0.00	6.00
602	0.1400	GY	0.00	6.00
603	0.1400	GY	0.00	6.00
604	0.1400	GY	0.00	6.00
614	0.1400	GY	0.00	3.00
615	0.1400	GY	0.00	3.00
621	0.1400	GY	0.00	3.00
625	0.1400	GY	0.00	3.00
632	0.1400	GY	0.00	6.00
633	0.1400	GY	0.00	6.00
638	0.1400	GY	0.00	6.00
639	0.1400	GY	0.00	6.00
644	0.1400	GY	0.00	6.00
645	0.1400	GY	0.00	6.00
650	0.1400	GY	0.00	6.00
651	0.1400	GY	0.00	6.00
656	0.1400	GY	0.00	6.00

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657	0.1400	GY	0.00	6.00
666	0.1400	GY	0.00	6.00
667	0.1400	GY	0.00	6.00
668	0.1400	GY	0.00	6.00
669	0.1400	GY	0.00	6.00
670	0.1400	GY	0.00	6.00
671	0.1400	GY	0.00	6.00
672	0.1400	GY	0.00	6.00
673	0.1400	GY	0.00	6.00
680	0.1400	GY	0.00	6.00
681	0.1400	GY	0.00	6.00
682	0.1400	GY	0.00	6.00
683	0.1400	GY	0.00	6.00
684	0.1400	GY	0.00	6.00
685	0.1400	GY	0.00	6.00
690	0.1400	GY	0.00	6.00
691	0.1400	GY	0.00	6.00
700	0.1400	GY	0.00	6.00
701	0.1400	GY	0.00	6.00
702	0.1400	GY	0.00	6.00
703	0.1400	GY	0.00	6.00
704	0.1400	GY	0.00	6.00
705	0.1400	GY	0.00	6.00
706	0.1400	GY	0.00	6.00
707	0.1400	GY	0.00	6.00
716	0.1400	GY	0.00	6.00
717	0.1400	GY	0.00	6.00
718	0.1400	GY	0.00	6.00
719	0.1400	GY	0.00	6.00
720	0.1400	GY	0.00	6.00
721	0.1400	GY	0.00	6.00
722	0.1400	GY	0.00	6.00
723	0.1400	GY	0.00	6.00
732	0.1400	GY	0.00	6.00
733	0.1400	GY	0.00	6.00
734	0.1400	GY	0.00	6.00
735	0.1400	GY	0.00	6.00
736	0.1400	GY	0.00	6.00
737	0.1400	GY	0.00	6.00
738	0.1400	GY	0.00	6.00
739	0.1400	GY	0.00	6.00
741	0.1400	GY	0.00	3.00
743	0.1400	GY	0.00	3.00
748	0.1400	GY	0.00	6.00
749	0.1400	GY	0.00	6.00
750	0.1400	GY	0.00	6.00
751	0.1400	GY	0.00	6.00
758	0.1400	GY	0.00	6.00
759	0.1400	GY	0.00	6.00
762	0.1400	GY	0.00	6.00
763	0.1400	GY	0.00	6.00
774	0.1400	GY	0.00	6.00
775	0.1400	GY	0.00	6.00
776	0.1400	GY	0.00	6.00
777	0.1400	GY	0.00	6.00
778	0.1400	GY	0.00	6.00

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779	0.1400	GY	0.00	6.00
780	0.1400	GY	0.00	6.00
781	0.1400	GY	0.00	6.00
782	0.1400	GY	0.00	6.00
783	0.1400	GY	0.00	6.00
794	0.1400	GY	0.00	6.00
795	0.1400	GY	0.00	6.00
796	0.1400	GY	0.00	6.00
797	0.1400	GY	0.00	6.00
798	0.1400	GY	0.00	6.00
799	0.1400	GY	0.00	6.00
800	0.1400	GY	0.00	6.00
801	0.1400	GY	0.00	6.00
802	0.1400	GY	0.00	6.00
803	0.1400	GY	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
3	0.1800	GZ	0.00	6.00			
5	0.1800	GZ	0.00	6.00			
10	0.1800	GZ	0.00	6.00			
12	0.1800	GZ	0.00	6.00			
14	0.1800	GZ	0.00	6.00			
16	0.1800	GZ	0.00	1.50			
25	0.1800	GZ	0.00	6.00			
27	0.1800	GZ	0.00	6.00			
50	0.1800	GZ	0.00	2.00			
58	0.1800	GZ	0.00	6.00			
61	0.1800	GZ	0.00	6.00			
63	0.1800	GZ	0.00	6.00			
67	0.1800	GZ	0.00	0.25			
74	0.1800	GZ	0.00	2.00			
75	0.1800	GZ	0.00	6.00			
78	0.1800	GZ	0.00	4.50			
84	0.1800	GZ	0.00	0.50			
88	0.1800	GZ	0.00	2.00			
89	0.1800	GZ	0.00	6.00			
103	0.1800	GZ	0.00	2.00			
104	0.1800	GZ	0.00	0.25			
107	0.1800	GZ	0.00	2.00			
109	0.1800	GZ	0.00	2.00			
118	0.1800	GZ	0.00	6.00			
119	0.1800	GZ	0.00	6.00			
120	0.1800	GZ	0.00	2.00			
125	0.1800	GZ	0.00	0.25			
127	0.1800	GZ	0.00	6.00			
131	0.1800	GZ	0.00	2.00			
134	0.1800	GZ	0.00	6.00			
139	0.1800	GZ	0.00	2.00			
144	0.1800	GZ	0.00	2.00			
145	0.1800	GZ	0.00	2.00			
146	0.1800	GZ	0.00	2.00			
156	0.1800	GZ	0.00	6.00			

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220	0.1800	GZ	0.00	2.00
221	0.1800	GZ	0.00	2.00
252	0.1800	GZ	0.00	2.00
253	0.1800	GZ	0.00	2.00
254	0.1800	GZ	0.00	2.00
255	0.1800	GZ	0.00	2.00
269	0.1800	GZ	0.00	2.00
270	0.1800	GZ	0.00	2.00
285	0.1800	GZ	0.00	2.00
286	0.1800	GZ	0.00	2.00
291	0.1800	GZ	0.00	0.25
292	0.1800	GZ	0.00	0.25
322	0.1800	GZ	0.00	0.25
323	0.1800	GZ	0.00	0.25
325	0.1800	GZ	0.00	0.25
326	0.1800	GZ	0.00	0.25
346	0.1800	GZ	0.00	2.00
347	0.1800	GZ	0.00	2.00
348	0.1800	GZ	0.00	2.00
349	0.1800	GZ	0.00	2.00
366	0.1800	GZ	0.00	0.25
367	0.1800	GZ	0.00	0.25
368	0.1800	GZ	0.00	0.25
376	0.1800	GZ	0.00	1.50
379	0.1800	GZ	0.00	2.00
380	0.1800	GZ	0.00	2.00
381	0.1800	GZ	0.00	2.00
382	0.1800	GZ	0.00	2.00
419	0.1800	GZ	0.00	6.00
422	0.1800	GZ	0.00	2.00
423	0.1800	GZ	0.00	2.00
811	0.1800	GZ	0.00	4.50
820	0.1800	GZ	0.00	1.50
834	0.1800	GZ	0.00	4.50
993	0.1800	GZ	0.00	2.00
994	0.1800	GZ	0.00	2.00
999	0.1800	GZ	0.00	2.00
1000	0.1800	GZ	0.00	2.00
1005	0.1800	GZ	0.00	2.00
1006	0.1800	GZ	0.00	2.00
1011	0.1800	GZ	0.00	2.00
1012	0.1800	GZ	0.00	1.75
1016	0.1800	GZ	0.00	1.75
1018	0.1800	GZ	0.00	1.75
1021	0.1800	GZ	0.00	2.00
1022	0.1800	GZ	0.00	2.00
1025	0.1800	GZ	0.00	1.75
1027	0.1800	GZ	0.00	1.75
1028	0.1800	GZ	0.00	1.75
1029	0.1800	GZ	0.00	2.00
1030	0.1800	GZ	0.00	2.00
1031	0.1800	GZ	0.00	0.25
1033	0.1800	GZ	0.00	0.25
1034	0.1800	GZ	0.00	0.25
1035	0.1800	GZ	0.00	2.00
1036	0.1800	GZ	0.00	2.00

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1040	0.1800	GZ	0.00	1.75
1042	0.1800	GZ	0.00	1.75
1044	0.1800	GZ	0.00	1.75
1045	0.1800	GZ	0.00	1.75
1047	0.1800	GZ	0.00	0.25
1048	0.1800	GZ	0.00	0.25
1051	0.1800	GZ	0.00	2.00
1052	0.1800	GZ	0.00	2.00
1055	0.1800	GZ	0.00	2.00
1056	0.1800	GZ	0.00	2.00
1057	0.1800	GZ	0.00	2.00
1058	0.1800	GZ	0.00	2.00
1059	0.1800	GZ	0.00	2.00
1060	0.1800	GZ	0.00	1.75
1062	0.1800	GZ	0.00	1.75
1064	0.1800	GZ	0.00	1.75
1065	0.1800	GZ	0.00	1.75
1066	0.1800	GZ	0.00	1.75
1067	0.1800	GZ	0.00	1.75
1068	0.1800	GZ	0.00	0.25
1069	0.1800	GZ	0.00	0.25
1070	0.1800	GZ	0.00	0.25
1073	0.1800	GZ	0.00	2.00
1074	0.1800	GZ	0.00	2.00
1077	0.1800	GZ	0.00	2.00
1078	0.1800	GZ	0.00	2.00
1079	0.1800	GZ	0.00	2.00
1080	0.1800	GZ	0.00	2.00
1081	0.1800	GZ	0.00	2.00
1082	0.1800	GZ	0.00	1.75
1083	0.1800	GZ	0.00	1.75
1084	0.1800	GZ	0.00	0.25
1085	0.1800	GZ	0.00	2.00
1086	0.1800	GZ	0.00	1.75
1088	0.1800	GZ	0.00	1.75
1090	0.1800	GZ	0.00	1.75
1091	0.1800	GZ	0.00	1.75
1092	0.1800	GZ	0.00	1.75
1093	0.1800	GZ	0.00	1.75
1094	0.1800	GZ	0.00	0.25
1095	0.1800	GZ	0.00	0.25
1096	0.1800	GZ	0.00	0.25
1099	0.1800	GZ	0.00	2.00
1100	0.1800	GZ	0.00	2.00
1103	0.1800	GZ	0.00	2.00
1104	0.1800	GZ	0.00	2.00
1105	0.1800	GZ	0.00	2.00
1106	0.1800	GZ	0.00	2.00
1113	0.1800	GZ	0.00	1.50
23	0.3600	GZ	0.00	6.00
29	0.3600	GZ	0.00	6.00
38	0.3600	GZ	0.00	6.00
40	0.3600	GZ	0.00	6.00
42	0.3600	GZ	0.00	6.00
44	0.3600	GZ	0.00	6.00
65	0.3600	GZ	0.00	6.00

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80	0.3600	GZ	0.00	6.00
103	0.3600	GZ	0.00	2.00
126	0.3600	GZ	0.00	6.00
153	0.3600	GZ	0.00	6.00
154	0.3600	GZ	0.00	6.00
155	0.3600	GZ	0.00	6.00
165	0.3600	GZ	0.00	6.00
166	0.3600	GZ	0.00	6.00
169	0.3600	GZ	0.00	6.00
170	0.3600	GZ	0.00	6.00
175	0.3600	GZ	0.00	6.00
176	0.3600	GZ	0.00	6.00
181	0.3600	GZ	0.00	6.00
182	0.3600	GZ	0.00	6.00
189	0.3600	GZ	0.00	6.00
190	0.3600	GZ	0.00	6.00
191	0.3600	GZ	0.00	6.00
196	0.3600	GZ	0.00	6.00
197	0.3600	GZ	0.00	6.00
203	0.3600	GZ	0.00	6.00
204	0.3600	GZ	0.00	6.00
205	0.3600	GZ	0.00	6.00
206	0.3600	GZ	0.00	6.00
207	0.3600	GZ	0.00	6.00
213	0.3600	GZ	0.00	6.00
214	0.3600	GZ	0.00	6.00
215	0.3600	GZ	0.00	6.00
216	0.3600	GZ	0.00	6.00
217	0.3600	GZ	0.00	6.00
222	0.3600	GZ	0.00	6.00
223	0.3600	GZ	0.00	6.00
224	0.3600	GZ	0.00	6.00
225	0.3600	GZ	0.00	6.00
226	0.3600	GZ	0.00	6.00
233	0.3600	GZ	0.00	6.00
235	0.3600	GZ	0.00	6.00
237	0.3600	GZ	0.00	6.00
239	0.3600	GZ	0.00	6.00
241	0.3600	GZ	0.00	6.00
247	0.3600	GZ	0.00	6.00
248	0.3600	GZ	0.00	6.00
249	0.3600	GZ	0.00	6.00
250	0.3600	GZ	0.00	6.00
251	0.3600	GZ	0.00	6.00
256	0.3600	GZ	0.00	6.00
257	0.3600	GZ	0.00	6.00
258	0.3600	GZ	0.00	6.00
259	0.3600	GZ	0.00	6.00
260	0.3600	GZ	0.00	6.00
271	0.3600	GZ	0.00	6.00
272	0.3600	GZ	0.00	6.00
273	0.3600	GZ	0.00	6.00
274	0.3600	GZ	0.00	6.00
275	0.3600	GZ	0.00	6.00
276	0.3600	GZ	0.00	6.00
277	0.3600	GZ	0.00	6.00

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278	0.3600	GZ	0.00	6.00
289	0.3600	GZ	0.00	6.00
290	0.3600	GZ	0.00	6.00
299	0.3600	GZ	0.00	6.00
300	0.3600	GZ	0.00	6.00
301	0.3600	GZ	0.00	6.00
302	0.3600	GZ	0.00	6.00
305	0.3600	GZ	0.00	6.00
306	0.3600	GZ	0.00	6.00
310	0.3600	GZ	0.00	6.00
311	0.3600	GZ	0.00	6.00
315	0.3600	GZ	0.00	6.00
316	0.3600	GZ	0.00	6.00
332	0.3600	GZ	0.00	6.00
333	0.3600	GZ	0.00	6.00
334	0.3600	GZ	0.00	6.00
335	0.3600	GZ	0.00	6.00
336	0.3600	GZ	0.00	6.00
341	0.3600	GZ	0.00	6.00
342	0.3600	GZ	0.00	6.00
343	0.3600	GZ	0.00	6.00
344	0.3600	GZ	0.00	6.00
345	0.3600	GZ	0.00	6.00
364	0.3600	GZ	0.00	6.00
365	0.3600	GZ	0.00	6.00
369	0.3600	GZ	0.00	6.00
370	0.3600	GZ	0.00	6.00
371	0.3600	GZ	0.00	6.00
372	0.3600	GZ	0.00	6.00
373	0.3600	GZ	0.00	6.00
374	0.3600	GZ	0.00	6.00
375	0.3600	GZ	0.00	6.00
381	0.3600	GZ	0.00	2.00
382	0.3600	GZ	0.00	2.00
384	0.3600	GZ	0.00	6.00
386	0.3600	GZ	0.00	6.00
388	0.3600	GZ	0.00	6.00
390	0.3600	GZ	0.00	6.00
392	0.3600	GZ	0.00	6.00
397	0.3600	GZ	0.00	6.00
398	0.3600	GZ	0.00	6.00
399	0.3600	GZ	0.00	6.00
400	0.3600	GZ	0.00	6.00
401	0.3600	GZ	0.00	6.00
407	0.3600	GZ	0.00	6.00
408	0.3600	GZ	0.00	6.00
409	0.3600	GZ	0.00	6.00
410	0.3600	GZ	0.00	6.00
411	0.3600	GZ	0.00	6.00
417	0.3600	GZ	0.00	6.00
418	0.3600	GZ	0.00	6.00
430	0.3600	GZ	0.00	6.00
431	0.3600	GZ	0.00	6.00
432	0.3600	GZ	0.00	6.00
433	0.3600	GZ	0.00	6.00
434	0.3600	GZ	0.00	6.00

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435	0.3600	GZ	0.00	6.00
997	0.3600	GZ	0.00	6.00
998	0.3600	GZ	0.00	6.00
1003	0.3600	GZ	0.00	6.00
1004	0.3600	GZ	0.00	6.00
1009	0.3600	GZ	0.00	6.00
1010	0.3600	GZ	0.00	6.00
1019	0.3600	GZ	0.00	2.00
1020	0.3600	GZ	0.00	2.00
1023	0.3600	GZ	0.00	2.00
1024	0.3600	GZ	0.00	2.00
1049	0.3600	GZ	0.00	2.00
1050	0.3600	GZ	0.00	2.00
1053	0.3600	GZ	0.00	2.00
1054	0.3600	GZ	0.00	2.00
1071	0.3600	GZ	0.00	2.00
1072	0.3600	GZ	0.00	2.00
1075	0.3600	GZ	0.00	2.00
1076	0.3600	GZ	0.00	2.00
1097	0.3600	GZ	0.00	2.00
1098	0.3600	GZ	0.00	2.00
1101	0.3600	GZ	0.00	2.00
1102	0.3600	GZ	0.00	2.00
1111	0.3600	GZ	0.00	6.00
1112	0.3600	GZ	0.00	6.00
7	0.1400	GZ	0.00	6.00
16	0.1400	GZ	0.00	1.50
63	0.1400	GZ	0.00	6.00
127	0.1400	GZ	0.00	6.00
148	0.1400	GZ	0.00	3.00
287	0.1400	GZ	0.00	4.50
376	0.1400	GZ	0.00	1.50
419	0.1400	GZ	0.00	6.00
810	0.1400	GZ	0.00	4.50
820	0.1400	GZ	0.00	1.50
833	0.1400	GZ	0.00	4.50
846	0.1400	GZ	0.00	3.00
377	0.2700	GZ	0.00	1.50
378	0.2700	GZ	0.00	6.00
420	0.2700	GZ	0.00	6.00
421	0.2700	GZ	0.00	3.00
806	0.2700	GZ	0.00	1.50
809	0.2700	GZ	0.00	6.00
819	0.2700	GZ	0.00	1.50
825	0.2700	GZ	0.00	6.00
828	0.2700	GZ	0.00	1.50
838	0.2700	GZ	0.00	1.50
849	0.2700	GZ	0.00	3.00
992	0.2700	GZ	0.00	1.50
560	0.0700	GZ	0.00	6.00
561	0.0700	GZ	0.00	6.00
562	0.0700	GZ	0.00	6.00
563	0.0700	GZ	0.00	6.00
564	0.0700	GZ	0.00	6.00
565	0.0700	GZ	0.00	6.00
566	0.0700	GZ	0.00	6.00

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567	0.0700	GZ	0.00	6.00
568	0.0700	GZ	0.00	6.00
580	0.0700	GZ	0.00	6.00
581	0.0700	GZ	0.00	6.00
582	0.0700	GZ	0.00	6.00
583	0.0700	GZ	0.00	3.00
584	0.0700	GZ	0.00	6.00
589	0.0700	GZ	0.00	6.00
590	0.0700	GZ	0.00	6.00
591	0.0700	GZ	0.00	6.00
592	0.0700	GZ	0.00	3.00
593	0.0700	GZ	0.00	6.00
605	0.0700	GZ	0.00	6.00
607	0.0700	GZ	0.00	6.00
608	0.0700	GZ	0.00	6.00
609	0.0700	GZ	0.00	6.00
610	0.0700	GZ	0.00	6.00
611	0.0700	GZ	0.00	6.00
612	0.0700	GZ	0.00	6.00
613	0.0700	GZ	0.00	6.00
619	0.0700	GZ	0.00	3.00
620	0.0700	GZ	0.00	3.00
569	0.1400	GZ	0.00	6.00
570	0.1400	GZ	0.00	6.00
571	0.1400	GZ	0.00	6.00
572	0.1400	GZ	0.00	6.00
573	0.1400	GZ	0.00	6.00
574	0.1400	GZ	0.00	6.00
575	0.1400	GZ	0.00	6.00
576	0.1400	GZ	0.00	6.00
577	0.1400	GZ	0.00	6.00
578	0.1400	GZ	0.00	6.00
579	0.1400	GZ	0.00	6.00
585	0.1400	GZ	0.00	6.00
586	0.1400	GZ	0.00	6.00
587	0.1400	GZ	0.00	6.00
588	0.1400	GZ	0.00	6.00
594	0.1400	GZ	0.00	6.00
595	0.1400	GZ	0.00	6.00
596	0.1400	GZ	0.00	6.00
597	0.1400	GZ	0.00	6.00
598	0.1400	GZ	0.00	6.00
599	0.1400	GZ	0.00	6.00
600	0.1400	GZ	0.00	6.00
601	0.1400	GZ	0.00	6.00
602	0.1400	GZ	0.00	6.00
603	0.1400	GZ	0.00	6.00
604	0.1400	GZ	0.00	6.00
614	0.1400	GZ	0.00	3.00
615	0.1400	GZ	0.00	3.00
621	0.1400	GZ	0.00	3.00
625	0.1400	GZ	0.00	3.00
632	0.1400	GZ	0.00	6.00
633	0.1400	GZ	0.00	6.00
638	0.1400	GZ	0.00	6.00
639	0.1400	GZ	0.00	6.00

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644	0.1400	GZ	0.00	6.00
645	0.1400	GZ	0.00	6.00
650	0.1400	GZ	0.00	6.00
651	0.1400	GZ	0.00	6.00
656	0.1400	GZ	0.00	6.00
657	0.1400	GZ	0.00	6.00
666	0.1400	GZ	0.00	6.00
667	0.1400	GZ	0.00	6.00
668	0.1400	GZ	0.00	6.00
669	0.1400	GZ	0.00	6.00
670	0.1400	GZ	0.00	6.00
671	0.1400	GZ	0.00	6.00
672	0.1400	GZ	0.00	6.00
673	0.1400	GZ	0.00	6.00
680	0.1400	GZ	0.00	6.00
681	0.1400	GZ	0.00	6.00
682	0.1400	GZ	0.00	6.00
683	0.1400	GZ	0.00	6.00
684	0.1400	GZ	0.00	6.00
685	0.1400	GZ	0.00	6.00
690	0.1400	GZ	0.00	6.00
691	0.1400	GZ	0.00	6.00
700	0.1400	GZ	0.00	6.00
701	0.1400	GZ	0.00	6.00
702	0.1400	GZ	0.00	6.00
703	0.1400	GZ	0.00	6.00
704	0.1400	GZ	0.00	6.00
705	0.1400	GZ	0.00	6.00
706	0.1400	GZ	0.00	6.00
707	0.1400	GZ	0.00	6.00
716	0.1400	GZ	0.00	6.00
717	0.1400	GZ	0.00	6.00
718	0.1400	GZ	0.00	6.00
719	0.1400	GZ	0.00	6.00
720	0.1400	GZ	0.00	6.00
721	0.1400	GZ	0.00	6.00
722	0.1400	GZ	0.00	6.00
723	0.1400	GZ	0.00	6.00
732	0.1400	GZ	0.00	6.00
733	0.1400	GZ	0.00	6.00
734	0.1400	GZ	0.00	6.00
735	0.1400	GZ	0.00	6.00
736	0.1400	GZ	0.00	6.00
737	0.1400	GZ	0.00	6.00
738	0.1400	GZ	0.00	6.00
739	0.1400	GZ	0.00	6.00
741	0.1400	GZ	0.00	3.00
743	0.1400	GZ	0.00	3.00
748	0.1400	GZ	0.00	6.00
749	0.1400	GZ	0.00	6.00
750	0.1400	GZ	0.00	6.00
751	0.1400	GZ	0.00	6.00
758	0.1400	GZ	0.00	6.00
759	0.1400	GZ	0.00	6.00
762	0.1400	GZ	0.00	6.00
763	0.1400	GZ	0.00	6.00

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774	0.1400	GZ	0.00	6.00
775	0.1400	GZ	0.00	6.00
776	0.1400	GZ	0.00	6.00
777	0.1400	GZ	0.00	6.00
778	0.1400	GZ	0.00	6.00
779	0.1400	GZ	0.00	6.00
780	0.1400	GZ	0.00	6.00
781	0.1400	GZ	0.00	6.00
782	0.1400	GZ	0.00	6.00
783	0.1400	GZ	0.00	6.00
794	0.1400	GZ	0.00	6.00
795	0.1400	GZ	0.00	6.00
796	0.1400	GZ	0.00	6.00
797	0.1400	GZ	0.00	6.00
798	0.1400	GZ	0.00	6.00
799	0.1400	GZ	0.00	6.00
800	0.1400	GZ	0.00	6.00
801	0.1400	GZ	0.00	6.00
802	0.1400	GZ	0.00	6.00
803	0.1400	GZ	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
599	0.2500	GX	0.00	6.00			
600	0.2500	GX	0.00	6.00			
601	0.2500	GX	0.00	6.00			
705	0.2500	GX	0.00	6.00			
706	0.2500	GX	0.00	6.00			
721	0.2500	GX	0.00	6.00			
722	0.2500	GX	0.00	6.00			
737	0.2500	GX	0.00	6.00			
738	0.2500	GX	0.00	6.00			

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
599	0.2500	GY	0.00	6.00			
600	0.2500	GY	0.00	6.00			
601	0.2500	GY	0.00	6.00			
705	0.2500	GY	0.00	6.00			
706	0.2500	GY	0.00	6.00			
721	0.2500	GY	0.00	6.00			
722	0.2500	GY	0.00	6.00			
737	0.2500	GY	0.00	6.00			
738	0.2500	GY	0.00	6.00			

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
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599	0.2500	GZ	0.00	6.00
600	0.2500	GZ	0.00	6.00
601	0.2500	GZ	0.00	6.00
705	0.2500	GZ	0.00	6.00
706	0.2500	GZ	0.00	6.00
721	0.2500	GZ	0.00	6.00
722	0.2500	GZ	0.00	6.00
737	0.2500	GZ	0.00	6.00
738	0.2500	GZ	0.00	6.00

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1021	1.8000	GX	0.00	2.00			
1022	1.8000	GX	0.00	2.00			
1051	1.8000	GX	0.00	2.00			
1052	1.8000	GX	0.00	2.00			
1073	1.8000	GX	0.00	2.00			
1074	1.8000	GX	0.00	2.00			
1021				0.7500	GX	1.00	
1022				0.7500	GX	1.00	
1051				0.7500	GX	1.00	
1052				0.7500	GX	1.00	
1073				0.7500	GX	1.00	
1074				0.7500	GX	1.00	

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1021	1.8000	GY	0.00	2.00			
1022	1.8000	GY	0.00	2.00			
1051	1.8000	GY	0.00	2.00			
1052	1.8000	GY	0.00	2.00			
1073	1.8000	GY	0.00	2.00			
1074	1.8000	GY	0.00	2.00			
1021				0.7500	GY	1.00	
1022				0.7500	GY	1.00	
1051				0.7500	GY	1.00	
1052				0.7500	GY	1.00	
1073				0.7500	GY	1.00	
1074				0.7500	GY	1.00	

MEMBER LOAD - UNIT MTON METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1021	1.8000	GZ	0.00	2.00			
1022	1.8000	GZ	0.00	2.00			
1051	1.8000	GZ	0.00	2.00			
1052	1.8000	GZ	0.00	2.00			
1073	1.8000	GZ	0.00	2.00			

STAAD SPACE

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1074	1.8000 GZ	0.00	2.00		
1021				0.7500 GZ	1.00
1022				0.7500 GZ	1.00
1051				0.7500 GZ	1.00
1052				0.7500 GZ	1.00
1073				0.7500 GZ	1.00
1074				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	0.0600
0.1000	0.0840
0.2000	0.1090
0.3000	0.1330
0.4000	0.1330
0.5000	0.1330
0.6000	0.1330
0.7000	0.1330
0.8000	0.1330
0.9000	0.1330
1.0000	0.1330
1.1000	0.1330
1.2000	0.1330
1.3000	0.1330
1.4000	0.1330
1.5000	0.1330
1.6000	0.1280
1.7000	0.1230
1.8000	0.1180
1.9000	0.1140
2.0000	0.1100
2.1000	0.1070
2.2000	0.1030
2.3000	0.1000
2.4000	0.0970
2.5000	0.0950
2.6000	0.0920
2.7000	0.0900
2.8000	0.0880
2.9000	0.0860
3.0000	0.0840
3.1000	0.0820
3.2000	0.0800
3.3000	0.0790
3.4000	0.0770
3.5000	0.0760
3.6000	0.0740

STAAD SPACE

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3.7000	0.0730
3.8000	0.0720
3.9000	0.0710
4.0000	0.0690
4.1000	0.0680
4.2000	0.0670
4.3000	0.0660
4.4000	0.0650
4.5000	0.0640
4.6000	0.0630
4.7000	0.0620
4.8000	0.0610
4.9000	0.0610
5.0000	0.0600

LOADING 9 LOADTYPE SEISMIC TITLE SISMO 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	0.0600
0.1000	0.0840
0.2000	0.1090
0.3000	0.1330
0.4000	0.1330
0.5000	0.1330
0.6000	0.1330
0.7000	0.1330
0.8000	0.1330
0.9000	0.1330
1.0000	0.1330
1.1000	0.1330
1.2000	0.1330
1.3000	0.1330
1.4000	0.1330
1.5000	0.1330
1.6000	0.1280
1.7000	0.1230
1.8000	0.1180
1.9000	0.1140
2.0000	0.1100
2.1000	0.1070

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	0.390	28
		4.05 C	-10.70	-8.13	0.00
2	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.473	25
		15.25 C	10.86	13.39	0.00
3	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.415	25
		0.00 C	0.00	8.39	0.00
4	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.476	25
		14.83 C	10.79	13.82	0.00
5	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.333	25
		0.00 C	0.00	6.72	0.00
6	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	25
		7.20 C	9.93	13.15	0.00
7	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.388	25
		0.00 C	0.00	7.83	0.00
8	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.384	28
		2.98 C	-9.82	-9.66	0.00
9	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.446	28
		11.16 C	-10.48	-12.44	0.00
10	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.384	25
		0.00 C	0.00	7.75	0.00
11	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.464	28
		11.68 C	-10.30	-14.21	0.00
12	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.322	25
		0.00 C	0.00	6.50	0.00
13	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.487	28
		15.39 C	-10.79	-14.71	0.00
14	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.321	28
		0.00 C	0.00	6.48	6.00
15	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.435	25
		11.08 C	9.29	14.12	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
16	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.255	25
		0.56 C	0.44	8.26	0.00
17	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.354	25
		0.26 C	0.98	8.99	0.00
18	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.487	25
		0.50 C	1.05	14.11	0.00
19	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.465	25
		0.39 C	1.10	13.29	0.00
20	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.360	25
		0.10 C	1.14	8.64	0.00
21	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.400	25
		23.34 C	6.66	15.72	0.00
22	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.694	25
		32.00 C	-8.83	-33.85	3.90
23	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	28
		0.00 C	0.00	8.53	6.00
24	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.788	25
		22.10 C	-7.39	-45.23	3.90
25	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.342	25
		0.00 C	0.00	6.91	0.00
26	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.654	25
		31.95 C	-6.82	-34.90	3.90
27	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.328	28
		0.00 C	0.00	6.63	6.00
28	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.423	25
		15.02 C	8.97	13.41	0.00
29	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.438	25
		0.00 C	0.00	8.83	0.00
30	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.274	25
		0.27 C	0.71	7.25	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
31	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.226	25
		0.26 C	0.71	5.28	0.00
33	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.259	25
		0.28 C	0.71	6.65	0.00
34	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.330	25
		0.29 C	0.71	9.55	0.00
35	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.660	28
		51.46 C	18.26	9.51	3.90
36	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.492	24
		23.25 C	9.11	17.93	3.90
37	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.475	24
		63.24 C	6.25	19.02	3.90
38	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	24
		0.00 C	0.00	9.57	6.00
39	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.558	24
		83.42 C	7.55	21.14	3.90
40	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.557	21
		0.00 C	0.00	11.24	0.00
41	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.499	20
		97.55 C	-2.10	20.92	3.90
42	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.523	21
		0.00 C	0.00	10.56	0.00
43	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.729	24
		84.68 C	21.10	6.11	3.90
44	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.912	20
		0.00 C	0.00	27.54	6.00
45	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.802	20
		0.00 T	0.00	33.14	0.00
46	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.680	25
		0.26 C	1.40	46.56	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
47	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.664	25
		0.38 T	1.40	45.23	0.00
48	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.683	25
		0.44 C	1.40	46.80	0.00
49	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.358	25
		0.29 C	0.70	10.78	0.00
50	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.429	25
		0.39 C	0.77	13.33	0.00
52	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.561	25
		20.83 C	-15.06	-11.10	4.05
53	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.770	25
		37.74 C	-20.81	-14.07	4.05
55	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.488	25
		3.23 C	0.78	34.54	0.00
56	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.861	20
		1.40 C	-0.10	70.16	0.00
58	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.352	25
		0.00 C	0.00	16.55	0.00
59	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.383	24
		3.72 C	-9.95	-9.25	0.00
60	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.397	24
		23.48 C	-9.68	-9.11	0.00
61	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.409	24
		0.00 C	0.00	8.25	6.00
62	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.397	24
		38.71 C	-9.76	-7.63	0.00
63	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.499	21
		0.00 C	0.00	10.06	0.00
64	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.380	24
		28.61 C	-9.41	-7.89	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
65	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.520	21
		0.00 C	0.00	10.51	0.00
66	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.728	24
		69.77 C	20.12	9.43	3.90
67	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.160	24
		0.68 T	-0.33	-8.13	0.00
68	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.544	21
		52.06 C	6.89	29.56	0.00
69	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.868	20
		0.28 T	-0.09	70.89	0.00
70	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.493	25
		0.27 C	0.80	15.78	0.00
71	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.645	25
		0.50 C	0.86	21.71	0.00
72	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.660	25
		0.50 C	0.86	22.34	0.00
73	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.642	25
		0.53 C	0.86	21.56	0.00
74	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.436	25
		0.39 C	0.81	13.37	0.00
75	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.265	25
		0.00 C	0.00	12.47	0.00
76	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.406	21
		43.32 C	9.09	9.29	0.00
77	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.573	21
		87.52 C	-8.96	-18.90	4.05
78	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.258	21
		0.09 C	0.07	16.07	0.00
79	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	21
		70.75 C	-7.79	-14.98	4.05

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
80	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.315	24
		0.00 C	0.00	14.83	6.00
81	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.700	24
		113.24 C	-7.50	-32.16	0.00
82	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.313	21
		2.84 C	1.39	16.20	0.00
83	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.618	20
		105.07 C	5.12	-30.52	3.55
84	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.955	20
		0.06 T	-0.11	108.66	0.00
86	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.199	25
		0.36 C	0.37	13.94	0.00
87	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.220	25
		0.43 C	0.39	15.47	0.00
88	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.154	25
		0.36 C	0.36	10.21	0.00
89	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.393	28
		0.00 C	0.00	18.46	6.00
92	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.644	20
		102.14 C	-6.47	30.89	3.55
93	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.708	21
		101.39 C	7.85	34.53	0.00
94	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.623	24
		61.77 C	11.27	20.31	4.05
96	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.518	24
		34.79 C	-10.41	-16.16	0.00
97	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.566	21
		2.57 C	2.09	32.17	0.00
98	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.310	20
		1.35 T	-0.18	-24.23	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
99	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.715	21
		10.40 C	3.32	49.02	0.00
100	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.643	21
		9.65 C	3.35	41.59	0.00
101	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	21
		2.55 C	2.16	29.92	0.00
102	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.340	20
		0.26 T	0.14	-27.08	0.00
103	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.812	20
		0.09 C	0.01	92.88	0.00
104	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.589	21
		2.30 C	1.90	35.70	0.00
107	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.822	20
		0.10 T	0.06	-93.65	0.00
108	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.944	20
		9.63 C	0.07	89.78	0.00
109	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.904	20
		0.06 C	-0.24	-101.86	0.00
110	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.379	21
		3.63 T	2.48	26.47	0.00
111	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.629	24
		67.45 C	-5.44	-38.77	0.00
112	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.519	21
		39.41 C	11.06	14.47	0.00
118	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.298	20
		0.00 C	0.00	14.01	0.00
119	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.724	20
		0.59 C	-0.14	-33.35	6.00
120	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.341	20
		0.00 C	0.00	28.09	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
121	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.367	25
		0.60 C	0.31	28.04	0.00
122	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.304	25
		0.40 C	0.30	23.00	0.00
124	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.295	20
		3.26 T	-0.02	-23.85	2.00
125	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.342	21
		0.59 T	0.61	6.41	0.00
126	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.720	20
		3.84 T	-0.00	-8.76	3.00
127	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.638	20
		3.55 T	-0.00	-7.75	3.00
128	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.244	20
		3.10 T	0.05	-19.51	2.00
131	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.619	21
		12.74 C	4.22	41.12	0.00
132	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.906	20
		0.28 C	-0.00	91.74	0.00
133	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	24
		36.15 C	-14.25	-10.67	0.00
134	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	24
		0.86 C	1.68	28.35	6.00
135	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.632	22
		78.79 C	-14.23	13.30	4.05
136	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.713	20
		157.82 C	-9.82	19.71	3.55
138	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.755	21
		78.41 C	8.90	41.88	0.00
139	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.469	20
		0.76 T	-0.39	-51.02	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
140	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.437	24
		4.18 T	-1.81	-37.59	0.00
141	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.378	21
		15.68 T	-3.27	-22.15	2.00
142	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.346	24
		2.63 T	-0.81	-22.75	0.00
143	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.317	21
		1.08 C	0.38	23.61	0.00
144	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.275	21
		0.64 C	0.26	20.80	0.00
145	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.905	21
		6.26 C	0.79	85.59	0.00
146	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.795	20
		0.61 T	0.11	-79.80	0.00
147	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.485	24
		0.34 T	-14.94	-7.14	0.00
148	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.241	25
		0.14 C	0.23	16.67	0.00
149	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.521	24
		11.44 C	-16.08	-6.62	0.00
150	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.591	24
		32.01 C	-3.83	-41.79	0.00
152	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.609	21
		26.94 C	5.83	39.70	0.00
153	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.520	25
		0.00 C	0.00	24.42	0.00
154	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.654	20
		0.00 C	0.00	30.74	0.00
155	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.826	20
		5.44 T	-0.01	9.99	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
156	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.412	25
		0.00 C	0.00	19.38	0.00
157	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.264	21
		0.22 C	0.27	20.06	0.00
158	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.234	21
		0.54 C	0.26	17.49	0.00
159	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.703	21
		4.71 C	0.61	53.20	0.00
160	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.423	20
		0.52 T	-0.12	-34.02	0.00
161	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.193	28
		0.05 T	-0.41	-5.65	0.00
162	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.358	28
		0.26 C	0.89	9.69	2.00
163	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.275	28
		0.00 T	-0.35	-9.41	0.00
164	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.485	28
		0.50 C	0.96	14.54	2.00
165	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
166	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
167	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.249	28
		0.05 T	-0.36	-8.51	0.00
168	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.221	28
		0.50 T	-0.51	-6.36	0.00
169	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
170	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
171	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.161	28
		0.04 T	-0.27	-5.15	0.00
172	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.489	28
		0.28 C	0.70	16.20	2.00
173	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.116	28
		0.04 T	-0.27	-3.29	0.00
174	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.526	28
		0.26 C	0.70	17.74	2.00
175	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
176	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
177	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.114	28
		0.04 C	0.25	3.25	2.00
178	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.531	28
		0.26 C	0.70	17.94	2.00
179	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.149	28
		0.04 T	-0.27	-4.66	0.00
180	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.357	28
		0.31 C	0.70	10.75	2.00
181	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
182	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
183	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.509	20
		0.00 T	-0.02	-20.97	0.00
184	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.574	20
		3.27 C	-0.03	-46.72	0.00
185	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.363	20
		0.00 T	0.01	-14.99	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
186	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.509	20
		0.00 T	-0.01	-20.97	2.00
187	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.411	20
		3.27 T	0.01	-33.45	2.00
188	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.524	25
		3.91 T	-1.00	-36.04	2.00
189	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.02 C	-0.00	-8.76	3.00
190	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	-0.00	-8.76	3.00
191	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.01 T	0.00	-8.76	3.00
192	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.361	20
		0.00 C	0.00	-14.90	0.00
193	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.809	20
		0.00 C	0.00	33.43	2.00
194	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.400	20
		3.27 C	0.01	-32.52	0.00
195	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.826	20
		3.27 C	0.00	67.65	2.00
196	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.02 T	-0.00	-8.76	3.00
197	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
198	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.698	20
		4.11 C	-0.00	-57.05	0.00
199	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.484	20
		4.10 T	-0.00	-39.48	2.00
200	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.598	20
		4.10 T	-0.00	-48.87	2.00

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201	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	20
		4.10 C	-0.00	-36.30	0.00
202	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.940	20
		4.10 C	0.00	76.98	2.00
203	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.713	20
		1.05 T	-0.00	-8.76	3.00
204	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.01 C	0.00	-8.76	3.00
205	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.04 T	-0.00	-8.76	3.00
206	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.05 T	0.00	-8.76	3.00
207	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.01 C	-0.00	-8.76	3.00
208	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.576	20
		3.13 C	0.03	-46.88	0.00
209	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.412	20
		3.13 T	-0.02	-33.54	2.00
210	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.545	25
		3.85 T	-1.27	-35.92	2.00
211	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.401	20
		3.13 C	-0.02	-32.58	0.00
212	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.827	20
		3.13 C	0.00	67.82	2.00
213	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.714	20
		1.23 T	-0.00	-8.76	3.00
214	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.01 C	0.00	-8.76	3.00
215	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.04 T	-0.00	-8.76	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
216	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.04 T	0.00	-8.76	3.00
217	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.01 C	-0.00	-8.76	3.00
218	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.169	25
		0.04 T	-0.40	-4.69	2.00
219	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.371	28
		0.31 C	0.87	10.36	2.00
220	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.171	28
		0.04 T	-0.36	-5.03	0.00
221	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.384	28
		0.40 C	0.62	12.32	2.00
222	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.752	25
		12.34 C	0.00	-6.19	3.00
223	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	-0.00	-8.76	3.00
224	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.00 T	0.00	-8.76	3.00
225	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.00 T	-0.00	-8.76	3.00
226	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
227	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.344	20
		0.41 C	-0.10	-27.66	2.00
228	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.539	20
		0.39 C	0.35	-42.08	2.00
229	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.529	20
		0.42 T	0.35	-41.28	0.00
230	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.329	20
		0.40 T	-0.10	-26.43	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
231	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.489	28
		2.59 C	0.89	34.01	2.00
232	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.505	20
		1.40 C	-0.01	-41.42	2.00
233	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.494	20
		0.10 C	-0.03	6.01	6.00
234	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		1.40 C	0.24	-59.88	2.00
235	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.530	20
		0.30 T	0.01	-6.50	2.50
236	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.700	20
		1.39 T	0.24	-55.96	0.00
237	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.547	20
		5.85 T	-0.00	12.47	0.00
238	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.527	20
		1.40 T	-0.02	-43.22	0.00
239	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.549	20
		0.30 T	-0.01	-6.73	2.50
240	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.676	20
		1.40 T	-0.09	54.96	2.00
241	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.516	20
		0.10 C	-0.00	-6.33	2.50
242	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.501	20
		0.28 T	0.08	-40.73	2.00
243	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.679	20
		0.27 T	0.03	-55.77	2.00
244	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.689	20
		0.28 C	0.03	-56.56	0.00
245	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.488	20
		0.28 C	0.08	-39.68	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
246	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.949	20
		0.28 C	-0.09	77.64	2.00
247	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.583	20
		0.15 C	-0.03	7.10	6.00
248	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.633	20
		0.46 T	-0.03	7.72	6.00
249	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.621	20
		8.05 T	0.00	7.41	6.00
250	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.683	20
		0.47 T	0.03	8.33	6.00
251	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.652	20
		0.15 C	0.03	7.95	6.00
252	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.415	20
		0.05 T	0.24	-45.87	2.00
253	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.908	20
		0.05 T	-0.21	-102.56	2.00
254	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.460	20
		0.06 C	0.24	-51.03	0.00
255	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.802	20
		0.04 C	-0.11	91.07	2.00
256	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.584	20
		0.13 C	0.03	7.10	0.00
257	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.630	20
		0.38 T	0.02	7.72	0.00
258	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.742	20
		7.20 T	0.00	8.93	6.00
259	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.679	20
		0.40 T	-0.02	8.33	0.00
260	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.653	20
		0.13 C	-0.03	7.95	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
261	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.161	25
		0.04 T	-0.29	-4.99	2.00
262	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.296	28
		0.28 C	0.79	7.71	2.00
263	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.206	20
		0.00 C	0.00	-8.54	2.00
264	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.385	28
		0.50 C	0.85	11.02	2.00
265	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.198	25
		0.00 C	-0.24	-6.82	2.00
266	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.385	28
		0.50 C	0.84	11.03	2.00
267	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.199	25
		0.00 T	-0.24	-6.89	2.00
268	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.407	28
		0.53 C	0.85	11.95	2.00
269	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.175	25
		0.04 T	-0.29	-5.55	2.00
270	ST	W16X45	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.380	28
		0.40 C	0.79	11.14	2.00
271	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
272	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
273	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
274	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
275	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
276	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
277	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
278	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
281	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.078	28
		0.05 T	-0.13	-5.60	0.00
283	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.096	28
		0.85 T	-0.15	-6.80	0.00
284	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.338	28
		1.06 C	0.35	25.32	2.00
285	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.126	20
		0.01 C	0.00	10.39	2.00
286	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.336	28
		1.21 C	0.38	24.98	2.00
287	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.234	20
		0.00 T	0.00	-4.48	3.38
289	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.00 T	-0.00	-8.76	3.00
290	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.00 T	-0.00	-8.76	3.00
291	ST W18X60		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.061	20
		0.00 T	-0.00	0.00	0.00
292	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.051	24
		0.12 T	-0.52	0.00	0.00
293	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.233	20
		1.35 C	0.07	-18.54	2.00
294	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.376	20
		1.34 C	-0.18	-29.59	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
295	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.336	20
		9.63 C	0.08	-31.08	2.00
296	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.596	20
		9.64 C	-0.26	-55.39	2.00
297	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.383	21
		0.82 T	-2.24	-23.74	2.00
298	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.381	20
		1.36 C	-0.03	-38.21	2.00
299	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.06 C	0.00	-8.76	3.00
300	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.18 T	-0.00	-8.76	3.00
301	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	20
		0.12 C	0.00	-8.76	3.00
302	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.712	20
		0.40 T	-0.00	-8.76	3.00
303	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.302	20
		7.64 T	0.11	-27.93	2.00
304	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.375	20
		1.69 T	0.02	-37.66	2.00
305	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.719	20
		3.26 T	0.00	-8.76	3.00
306	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.718	20
		3.18 T	0.00	-8.76	3.00
307	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.226	24
		2.35 T	-0.67	-13.91	0.00
308	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.301	24
		8.36 T	-1.88	-20.84	0.00
309	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.426	24
		2.99 T	-2.20	-28.14	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
310	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.18 T	0.00	-8.76	3.00
311	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.712	20
		0.39 T	0.00	-8.76	3.00
312	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.491	24
		0.52 C	2.19	25.56	2.00
313	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.326	24
		3.08 T	2.56	21.12	2.00
314	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.658	24
		7.60 C	3.36	43.27	2.00
315	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.06 C	-0.00	-8.76	3.00
316	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	20
		0.09 C	0.00	-8.76	3.00
317	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.403	21
		1.35 T	-2.20	-25.94	2.00
318	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.376	21
		7.18 T	-1.09	-30.04	2.00
319	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.356	20
		0.44 T	0.02	-35.88	2.00
320	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.411	24
		2.78 T	-2.22	-26.49	0.00
321	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	24
		7.95 C	3.33	52.49	2.00
322	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.304	24
		1.66 T	-3.11	0.00	0.00
323	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.215	24
		0.57 T	-2.21	0.00	0.00
324	ST W14X34		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.056	20
		0.22 T	-0.01	0.68	0.25

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
325	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.210	21
		0.20 T	2.16	0.00	0.00
326	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.297	21
		0.24 C	3.05	0.00	0.00
327	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.345	21
		22.58 T	-2.00	-23.34	2.00
328	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.340	20
		17.65 T	-0.12	-30.67	0.00
329	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.607	20
		2.74 T	0.14	-57.69	0.00
330	ST	W18X86	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.342	24
		15.39 T	-1.96	-23.78	0.00
332	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	20
		0.10 C	0.00	-8.76	3.00
333	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.712	20
		0.38 T	-0.00	-8.76	3.00
334	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.719	20
		3.46 T	0.00	-8.76	3.00
335	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.712	20
		0.38 T	0.00	-8.76	3.00
336	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	20
		0.07 C	-0.00	-8.76	3.00
337	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.248	21
		1.84 T	-0.78	-15.00	2.00
338	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.353	20
		0.26 C	0.14	-28.06	2.00
339	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.230	24
		2.23 T	-0.84	-13.06	0.00
340	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.582	24
		2.01 C	2.11	33.40	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
341	ST W14X34	PASS	(AISC SECTIONS)		
		0.04 C	LRFD-H1-1B-C	0.711	20
			0.00	-8.76	3.00
342	ST W14X34	PASS	(AISC SECTIONS)		
		0.18 T	LRFD-H1-1B-T	0.711	20
			-0.00	-8.76	3.00
343	ST W14X34	PASS	(AISC SECTIONS)		
		3.52 T	LRFD-H1-1B-T	0.719	20
			0.00	-8.76	3.00
344	ST W14X34	PASS	(AISC SECTIONS)		
		0.18 T	LRFD-H1-1B-T	0.711	20
			0.00	-8.76	3.00
345	ST W14X34	PASS	(AISC SECTIONS)		
		0.05 C	LRFD-H1-1B-C	0.711	20
			-0.00	-8.76	3.00
346	ST W21X68	PASS	(AISC SECTIONS)		
		0.03 C	LRFD-H1-1B-C	0.132	21
			0.34	8.61	0.00
347	ST W21X68	PASS	(AISC SECTIONS)		
		0.20 C	LRFD-H1-1B-C	0.299	24
			0.81	19.12	2.00
348	ST W21X93	PASS	(AISC SECTIONS)		
		0.92 T	LRFD-H1-1B-T	0.337	21
			-1.98	-25.30	2.00
349	ST W21X93	PASS	(AISC SECTIONS)		
		0.05 C	LRFD-H1-1B-C	0.484	20
			-0.35	-53.10	2.00
350	ST W21X68	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.072	21
			0.30	3.87	0.00
351	ST W21X68	PASS	(AISC SECTIONS)		
		0.33 C	LRFD-H1-1B-C	0.353	24
			0.85	23.35	2.00
352	ST W21X93	PASS	(AISC SECTIONS)		
		12.69 C	LRFD-H1-1B-C	0.744	21
			4.29	54.95	0.00
353	ST W21X93	PASS	(AISC SECTIONS)		
		0.66 T	LRFD-H1-1B-T	0.367	21
			-2.35	-26.22	2.00
354	ST W21X93	PASS	(AISC SECTIONS)		
		1.87 C	LRFD-H1-1B-C	0.479	20
			-0.26	-52.82	2.00
355	ST W21X68	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.108	25
			0.11	8.15	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
356	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.399	28
		0.68 C	0.32	30.67	2.00
357	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.986	21
		9.96 C	6.92	66.81	0.00
358	ST W18X86		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.252	20
		3.95 C	0.08	19.62	0.00
359	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.414	20
		3.90 C	-0.07	-39.30	0.50
360	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.075	25
		0.01 C	0.12	5.36	0.00
361	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.275	28
		0.40 C	0.31	20.55	2.00
364	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
365	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
366	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.715	21
		2.55 C	2.85	39.61	0.00
367	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.384	24
		0.78 T	-3.95	0.00	0.00
368	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.270	24
		0.52 T	-2.77	0.00	0.00
369	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
370	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
371	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.242	24
		0.00 C	0.00	11.39	6.00
372	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.02 T	0.00	-8.76	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
373	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.22 T	-0.00	-8.76	3.00
374	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
375	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.00 C	0.00	-8.76	3.00
376	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.346	21
		0.36 C	2.14	14.06	0.00
377	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.204	24
		1.01 T	-1.08	0.00	0.00
378	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.548	20
		0.19 T	-0.00	-6.74	3.00
379	ST	W21X93	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.376	20
		0.10 T	-0.03	-42.86	0.00
380	ST	W21X93	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.835	20
		0.09 T	-0.02	95.46	2.00
381	ST	W21X93	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.453	20
		0.10 C	-0.04	-51.55	2.00
382	ST	W21X93	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.819	20
		0.10 C	0.04	-93.44	2.00
383	TC	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.926	20
		0.30 T	0.00	105.73	2.00
384	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	20
		0.04 C	0.01	13.81	6.00
385	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.468	20
		0.27 T	-0.03	-47.21	0.00
386	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.903	20
		0.07 T	0.00	11.13	6.00
387	ST	W21X83	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.718	20
		0.25 T	-0.05	-72.40	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
388	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.841	20
		1.25 T	0.00	10.33	0.00
389	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.726	20
		0.25 C	0.05	-73.18	2.00
390	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.822	20
		0.07 T	-0.00	10.13	6.00
391	ST W21X83		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	20
		0.26 C	0.00	-49.61	2.00
392	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.920	20
		0.03 C	0.00	11.32	6.00
393	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.181	20
		3.00 T	-0.03	-14.44	0.00
394	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.245	20
		3.06 T	0.06	-19.51	0.00
395	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.356	20
		3.19 T	0.09	-28.41	0.00
396	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.354	20
		3.22 T	0.07	-28.41	2.00
397	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	20
		0.07 C	0.08	13.82	0.00
398	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.913	20
		0.07 T	0.05	11.13	0.00
399	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.618	21
		2.03 T	1.27	10.94	0.00
400	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.830	20
		0.10 T	0.04	10.13	0.00
401	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.928	20
		0.03 C	0.05	11.33	0.00
402	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.312	24
		1.30 C	0.62	21.35	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
403	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.227	21
		0.01 T	-0.52	-15.21	2.00
404	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.367	21
		1.35 C	0.44	27.11	0.00
405	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.105	24
		0.77 T	-0.24	-7.00	0.00
406	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.177	24
		0.16 T	-0.39	-12.05	0.00
407	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.673	20
		0.03 T	0.08	15.46	6.00
408	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.706	20
		0.01 C	0.08	16.25	6.00
409	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.911	20
		12.43 C	0.32	69.41	6.00
410	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.735	20
		0.09 C	-0.00	-9.04	3.00
411	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.741	20
		0.03 T	0.00	-9.14	3.00
412	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.184	24
		0.53 C	0.45	12.06	2.00
413	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.075	21
		0.03 T	-0.16	-5.12	2.00
414	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.223	21
		0.52 C	0.53	14.70	0.00
416	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.118	24
		0.20 T	-0.01	-9.72	0.00
417	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.664	20
		0.02 T	0.01	15.45	0.00
418	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.698	20
		0.02 C	0.01	16.24	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
419	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.540	25
		0.00 C	0.00	25.38	0.00
420	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.533	20
		0.02 C	0.00	-6.57	3.00
421	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.280	20
		0.01 C	0.00	-6.78	3.00
422	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.311	24
		3.19 T	-2.02	-21.76	0.00
423	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.719	24
		1.99 C	5.14	47.78	2.00
424	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.377	24
		4.46 T	-2.35	-27.09	0.00
425	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.715	24
		2.83 C	5.41	45.40	2.00
426	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.420	24
		15.28 T	-4.30	-22.15	0.00
427	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.374	24
		6.62 T	3.58	21.40	2.00
428	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.309	24
		2.75 T	-1.59	-14.46	0.00
429	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.650	24
		1.33 C	3.71	28.36	2.00
430	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.22 T	0.00	-8.76	3.00
431	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.712	20
		0.11 C	0.00	-8.76	3.00
432	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.712	20
		0.32 T	0.00	-8.76	3.00
433	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.713	20
		0.18 C	0.00	-8.76	3.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
434	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.711	20
		0.17 T	0.00	-8.76	3.00
435	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.711	20
		0.02 C	-0.00	-8.76	3.00
450	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.372	20
		1.56 T	4.35	20.35	3.90
451	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.366	28
		3.30 C	4.05	20.34	3.90
452	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.466	20
		1.49 T	-8.44	19.21	3.90
453	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	20
		26.53 C	-15.59	4.89	0.00
454	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.354	24
		4.46 C	-9.40	7.97	0.00
455	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.624	20
		14.21 C	21.17	3.79	0.00
456	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.310	25
		0.71 C	0.73	5.51	0.00
457	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.283	25
		0.72 C	0.73	4.65	0.00
458	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.417	28
		0.72 T	-0.99	-7.42	0.00
459	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.874	20
		0.00 C	0.00	27.84	0.00
460	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.490	28
		0.72 T	-0.70	-11.46	0.00
461	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.560	20
		26.90 C	10.24	20.65	3.90
462	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.446	24
		39.27 C	5.44	20.60	3.90

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
463	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.426	21
		34.07 C	7.39	-15.32	0.00
464	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	20
		51.43 C	-24.63	3.10	0.00
465	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.370	24
		5.29 C	13.07	-1.49	3.90
466	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.904	20
		19.26 C	32.10	2.63	0.00
467	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.495	25
		1.20 C	0.79	11.05	0.00
468	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.693	25
		1.20 C	0.80	17.27	0.00
469	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	25
		1.20 C	1.07	12.82	0.00
471	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.643	28
		0.92 T	-0.84	-16.16	0.00
472	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.254	24
		9.12 C	8.80	0.86	3.90
473	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.220	21
		17.80 C	-6.01	-3.31	3.90
474	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.290	21
		10.19 C	-9.02	-3.17	3.90
475	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.775	24
		26.50 C	26.20	4.17	3.90
476	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.289	24
		3.28 C	-9.07	-3.60	0.00
477	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.544	25
		20.17 C	5.12	36.23	0.00
478	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.387	25
		1.00 C	0.78	7.67	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
479	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	25
		1.01 C	0.79	10.87	0.00
480	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.299	25
		0.50 C	0.99	3.67	0.00
481	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.683	25
		1.01 C	2.88	35.24	0.00
482	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.616	28
		0.97 T	-3.57	-28.15	0.00
483	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.567	20
		25.94 C	11.20	-19.24	3.90
484	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.607	21
		46.13 C	-6.13	-31.33	3.90
485	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.604	21
		20.46 C	-12.61	-19.68	3.90
486	ST	W14X99	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.877	20
		44.25 C	-16.45	-40.28	0.00
487	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.549	21
		18.12 C	9.91	21.25	0.00
488	ST	W14X99	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.925	20
		41.97 C	-12.00	54.10	0.00
489	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.484	25
		0.81 C	0.77	10.82	0.00
490	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.782	25
		0.82 C	0.79	20.20	0.00
492	ST	W16X57	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.945	20
		0.00 C	0.00	50.20	0.00
493	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.475	28
		0.87 T	-3.29	-19.69	0.00
494	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.431	20
		1.79 C	13.79	-5.12	3.90

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495	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.463	20
		4.42 T	0.00	36.54	0.00
496	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.374	25
		3.29 T	-9.28	-10.01	3.90
497	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.379	20
		3.70 T	13.30	-1.89	3.90
498	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.401	20
		1.62 T	0.00	-31.79	0.00
499	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.454	25
		1.83 C	-11.99	-10.73	3.90
500	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.492	25
		0.62 C	0.76	11.16	0.00
501	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.334	25
		0.62 T	-0.61	-7.06	2.00
503	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.471	25
		0.65 C	0.72	10.71	0.00
504	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.408	25
		0.72 T	-0.67	-9.06	2.00
505	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.870	20
		38.60 C	9.20	-55.28	0.00
506	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.481	24
		11.55 C	-10.74	-14.64	0.00
507	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.847	20
		42.54 C	15.04	40.74	0.00
508	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.586	24
		22.81 C	13.22	16.77	3.90
510	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.481	20
		23.81 C	-10.20	14.70	3.90
511	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.793	25
		0.46 C	3.09	41.93	0.00

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512	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.515	28
		0.46 T	-3.00	-23.54	0.00
514	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.493	21
		1.26 C	0.40	13.22	0.00
515	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.759	25
		0.52 C	0.86	19.09	0.00
516	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.966	20
		39.47 C	-13.38	-55.11	0.00
517	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.408	21
		8.14 C	10.75	9.10	0.00
518	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.945	20
		49.23 C	-18.24	42.19	0.00
519	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	23
		24.63 C	12.96	-17.78	3.90
520	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.625	21
		42.35 C	-6.36	-32.59	3.90
521	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.534	21
		15.86 C	-11.45	-16.95	3.90
522	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.802	20
		0.00 C	0.00	54.05	0.00
523	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.529	28
		0.53 T	-2.97	-24.54	0.00
524	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.425	21
		0.56 C	0.27	11.90	0.00
525	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.490	21
		1.31 C	0.40	13.12	0.00
526	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.722	21
		1.36 C	0.49	20.01	0.00
527	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.377	28
		2.04 C	11.83	4.89	3.90

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528	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.556	28
		0.53 C	-4.86	-33.97	0.00
529	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.297	25
		2.20 C	-7.05	-8.57	3.90
530	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.269	20
		1.60 C	7.32	-5.89	3.90
531	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.489	25
		2.37 T	-3.17	-32.07	3.90
532	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.498	25
		1.98 C	-12.83	-12.41	3.90
533	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.515	25
		0.76 C	0.77	11.83	0.00
534	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.334	25
		0.75 T	-0.59	-7.11	2.00
535	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.451	25
		0.37 C	0.99	8.53	0.00
536	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.540	25
		0.74 C	0.73	12.83	0.00
537	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.390	25
		0.77 T	-0.67	-8.46	2.00
538	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.572	24
		20.88 C	14.79	12.54	3.90
539	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.577	24
		45.55 C	-10.20	-20.44	0.00
540	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.474	21
		37.00 C	10.67	-12.03	0.00
541	ST	W14X99	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.839	20
		66.55 C	15.03	-38.11	0.00
542	ST	W14X90	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.651	24
		9.34 C	-14.74	-19.98	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
543	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.767	20
		40.32 C	8.56	47.29	0.00
544	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.556	21
		1.56 C	0.48	14.78	0.00
545	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.745	25
		0.99 C	0.77	19.13	0.00
546	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.669	25
		0.98 C	1.07	14.95	0.00
547	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.921	25
		0.99 C	3.01	50.81	0.00
548	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.509	28
		0.99 T	-3.36	-21.74	0.00
549	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.236	24
		5.15 C	8.21	1.06	3.90
550	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.281	24
		6.15 C	-9.78	1.23	0.00
551	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.298	24
		8.33 C	9.79	2.35	3.90
552	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.331	24
		11.63 C	-2.25	-23.83	0.00
553	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.494	24
		4.94 C	-14.45	-8.46	0.00
554	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.277	20
		10.22 C	-1.41	20.84	0.00
555	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.340	21
		0.86 C	0.43	8.21	0.00
556	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.327	25
		0.63 C	0.70	6.24	0.00
557	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.391	25
		0.63 C	0.99	6.61	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
558	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.734	21
		0.86 C	0.37	21.12	0.00
559	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.407	28
		0.64 T	-0.75	-8.54	0.00
560	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.541	20
		0.00 C	0.00	29.04	6.00
561	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.619	20
		0.00 C	0.00	8.40	0.00
562	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.417	28
		0.00 C	0.00	5.66	6.00
563	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.452	20
		0.00 C	0.00	24.22	0.00
564	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.314	20
		0.00 C	0.00	-16.86	0.00
565	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.465	20
		0.00 C	0.00	6.31	0.00
566	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.374	20
		0.00 C	0.00	-20.03	6.00
567	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.364	20
		0.00 C	0.00	19.51	6.00
568	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.558	25
		0.00 C	0.00	7.56	0.00
569	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.695	20
		0.00 C	0.00	37.30	6.00
570	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.874	20
		0.00 C	0.00	11.85	0.00
571	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.882	20
		0.00 C	0.00	11.96	6.00
572	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.960	20
		0.00 C	0.00	51.51	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
573	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.306	20
		0.00 C	0.00	16.40	6.00
574	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.573	25
		0.00 C	0.00	7.77	0.00
575	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.857	20
		0.00 C	0.00	11.62	0.00
576	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.870	20
		0.00 C	0.00	46.64	6.00
577	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.373	20
		0.00 C	0.00	20.03	0.00
578	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.600	20
		0.00 C	0.00	32.20	6.00
579	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.803	20
		0.00 C	0.00	10.88	0.00
580	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.171	28
		0.00 C	0.00	9.15	6.00
581	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.582	20
		0.00 C	0.00	31.21	0.00
582	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.463	20
		0.00 C	0.00	-24.82	0.00
583	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.364	21
		0.18 C	0.50	7.62	0.00
584	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.510	20
		0.00 C	0.00	-27.37	6.00
585	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.552	20
		0.00 C	0.00	29.58	6.00
586	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.781	20
		0.00 C	0.00	10.58	0.00
587	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.496	25
		0.00 C	0.00	6.72	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
588	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.494	25
		0.00 C	0.00	6.70	0.00
589	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.227	20
		0.00 C	0.00	12.16	6.00
590	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.535	20
		0.00 C	0.00	-28.69	6.00
591	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.519	20
		0.00 C	0.00	27.83	6.00
592	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.365	21
		0.16 C	0.51	7.64	0.00
593	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.602	20
		0.00 C	0.00	32.29	0.00
594	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.498	20
		0.00 C	0.00	26.72	6.00
595	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.930	20
		0.00 C	0.00	12.61	0.00
596	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.904	20
		0.00 C	0.00	12.25	0.00
597	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.572	28
		0.00 C	0.00	7.75	6.00
598	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.527	25
		0.00 C	0.00	7.14	0.00
599	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.398	20
		0.00 C	0.00	21.34	0.00
600	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.957	20
		0.00 C	0.00	51.33	6.00
601	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.916	20
		0.00 C	0.00	12.42	0.00
602	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.938	20
		0.00 C	0.00	50.31	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
603	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.874	20
		0.00 C	0.00	11.84	6.00
604	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.870	20
		0.00 C	0.00	11.79	6.00
605	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.464	25
		0.00 C	0.00	6.29	0.00
606	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.248	25
		0.32 C	0.28	5.52	0.00
607	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.515	20
		0.00 C	0.00	6.98	6.00
608	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.371	25
		0.00 C	0.00	-19.91	6.00
609	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.376	20
		0.00 C	0.00	20.15	6.00
610	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.509	25
		0.00 C	0.00	6.90	0.00
611	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.404	20
		0.00 C	0.00	21.65	0.00
612	ST	W16X67	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.333	28
		0.00 C	0.00	-17.87	0.00
613	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.577	20
		0.00 C	0.00	7.82	0.00
614	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.357	24
		0.18 C	0.54	7.22	3.00
615	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.347	24
		0.16 C	0.54	6.97	3.00
616	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.198	20
		0.00 C	0.00	-5.40	2.00
617	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.601	20
		0.00 C	0.00	-19.93	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
618	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.420	20
		0.00 C	0.00	-28.33	0.00
619	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.323	20
		0.00 C	0.00	-7.84	3.00
620	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.216	28
		0.32 C	0.40	4.00	3.00
621	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.323	20
		0.00 C	0.00	-7.84	0.00
622	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.143	25
		0.15 T	-0.31	-2.25	2.25
623	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.191	28
		0.24 T	-0.57	-2.25	0.00
624	ST W16X67		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.212	20
		0.00 C	0.00	5.49	0.25
625	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.094	28
		0.33 C	0.46	0.18	3.00
626	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.200	20
		0.00 C	0.00	-5.44	1.00
627	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.198	20
		0.00 C	0.00	-5.40	0.00
628	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.156	28
		0.06 T	-0.27	-3.38	0.00
629	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.268	28
		0.72 C	0.76	4.00	2.00
630	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.409	20
		0.00 C	0.00	-13.01	0.00
631	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.733	28
		1.20 C	0.83	18.36	2.00
632	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.817	20
		0.00 C	0.00	10.08	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
633	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.507	20
		0.00 C	0.00	11.81	6.00
634	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.193	25
		0.06 T	-0.26	-4.62	2.00
635	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.232	28
		0.71 T	-0.47	-4.62	0.00
636	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.302	20
		0.00 C	0.00	-9.61	2.00
637	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.609	28
		1.20 C	0.75	14.87	2.00
638	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.537	20
		0.00 C	0.00	12.50	6.00
639	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.886	20
		0.00 C	0.00	10.92	6.00
640	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.206	28
		0.06 T	-0.34	-4.57	0.00
641	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.757	28
		0.70 C	1.00	18.20	2.00
642	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.267	28
		0.00 C	-0.26	-6.98	0.00
643	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.908	28
		1.20 C	1.08	22.47	2.00
644	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.777	20
		0.00 C	0.00	9.58	6.00
645	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.638	20
		0.00 C	0.00	7.87	6.00
646	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.290	25
		0.05 T	-0.23	-7.89	2.00
647	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.554	25
		0.70 T	-0.66	-13.72	2.00

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648	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.354	25
		0.00 T	-1.29	-19.08	2.00
649	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.511	25
		1.21 T	-2.96	-23.36	2.00
650	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	20
		0.00 C	0.00	5.51	6.00
651	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.449	20
		0.00 C	0.00	-5.54	2.50
652	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.369	20
		0.00 C	0.00	-11.74	0.00
653	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.713	28
		0.69 C	0.80	17.93	2.00
654	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.567	20
		0.00 C	0.00	-18.05	0.00
655	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.895	28
		0.73 C	0.81	23.71	2.00
656	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.623	20
		0.00 C	0.00	-7.67	3.00
657	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.623	20
		0.00 C	0.00	-7.68	3.00
658	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.266	28
		0.00 T	-0.23	-7.14	0.00
659	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.506	28
		1.01 C	0.82	11.21	2.00
660	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.219	25
		0.01 T	-0.17	-5.96	2.00
661	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.371	28
		1.00 C	0.77	7.20	2.00
662	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.176	28
		0.06 C	0.35	3.54	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
663	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.631	28
		0.52 C	1.00	14.20	2.00
664	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.413	20
		0.00 C	0.00	-27.82	2.00
665	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.594	25
		1.01 T	-3.01	-28.78	2.00
666	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.817	20
		0.00 C	0.00	10.08	0.00
667	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.507	20
		0.00 C	0.00	11.81	0.00
668	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.536	20
		0.00 C	0.00	12.50	0.00
669	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.886	20
		0.00 C	0.00	10.92	0.00
670	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.777	20
		0.00 C	0.00	9.58	0.00
671	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.638	20
		0.00 C	0.00	7.87	0.00
672	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.447	20
		0.00 C	0.00	5.51	0.00
673	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.377	20
		0.00 C	0.00	4.65	0.00
674	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.413	20
		0.00 C	0.00	-13.16	0.00
675	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.761	28
		0.81 C	0.82	19.39	2.00
676	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.459	20
		0.00 C	0.00	-14.60	2.00
677	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.495	28
		0.82 T	-0.65	-11.90	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
678	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.527	20
		0.00 C	0.00	-27.96	2.00
679	ST W16X57		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.527	20
		0.00 C	0.00	-27.96	0.00
680	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.823	20
		0.00 C	0.00	10.15	6.00
681	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	20
		0.00 C	0.00	13.83	6.00
682	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.597	20
		0.00 C	0.00	13.90	6.00
683	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	20
		0.00 C	0.00	11.72	6.00
684	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.828	20
		0.00 C	0.00	10.21	6.00
685	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.788	20
		0.00 C	0.00	9.71	6.00
686	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.343	20
		0.00 C	0.00	-23.12	0.00
687	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.732	28
		0.89 C	3.02	38.04	2.00
688	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.431	20
		0.00 C	0.00	-29.04	0.00
689	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.819	28
		0.85 C	3.08	43.68	2.00
690	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.862	20
		0.00 C	0.00	10.63	6.00
691	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.827	20
		0.00 C	0.00	10.20	6.00
692	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.314	20
		0.00 C	0.00	-10.00	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
693	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.356	28
		0.62 T	-0.62	-7.64	0.00
694	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.290	20
		0.00 C	0.00	-9.24	0.00
695	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.432	28
		0.62 C	0.76	9.28	2.00
696	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.357	20
		0.00 C	0.00	-11.37	2.00
697	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.390	28
		0.69 T	-0.62	-8.71	0.00
698	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.366	20
		0.00 C	0.00	-11.65	0.00
699	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.519	28
		0.67 C	0.77	11.99	2.00
700	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.823	20
		0.00 C	0.00	10.15	0.00
701	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.594	20
		0.00 C	0.00	13.83	0.00
702	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.597	20
		0.00 C	0.00	13.90	0.00
703	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.503	20
		0.00 C	0.00	11.72	0.00
704	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.829	20
		0.00 C	0.00	10.22	0.00
705	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.789	20
		0.00 C	0.00	9.72	0.00
706	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.863	20
		0.00 C	0.00	10.64	0.00
707	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.827	20
		0.00 C	0.00	10.20	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
708	ST W16X67	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.412	20
		0.00 C	0.00	-27.74	2.00
709	ST W16X67	PASS	(AISC SECTIONS) LRFD-H1-1B-T	0.519	25
		0.46 T	-3.11	-23.37	2.00
710	ST W16X67	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.425	20
		0.00 C	0.00	-28.65	0.00
711	ST W16X67	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.772	24
		1.18 C	1.67	45.69	2.00
712	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.393	20
		0.00 C	0.00	-12.52	0.00
713	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.734	24
		1.34 C	0.44	20.65	2.00
714	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.401	20
		0.00 C	0.00	-12.77	2.00
715	ST W16X36	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.455	24
		1.26 C	0.44	11.80	2.00
716	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.688	20
		0.00 C	0.00	8.48	6.00
717	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.686	20
		0.00 C	0.00	8.46	6.00
718	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.690	20
		0.00 C	0.00	8.51	6.00
719	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.739	20
		0.00 C	0.00	9.11	6.00
720	ST W14X34	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.829	20
		0.00 C	0.00	10.22	6.00
721	ST W14X43	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.611	20
		0.00 C	0.00	14.22	6.00
722	ST W14X43	PASS	(AISC SECTIONS) LRFD-H1-1B-C	0.602	20
		0.00 C	0.00	14.03	6.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
723	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.784	20
			0.00	9.67	6.00
724	ST W16X67	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.418	20
			0.00	-28.18	2.00
725	ST W16X67	PASS	(AISC SECTIONS)		
		0.54 T	LRFD-H1-1B-T	0.542	25
			-3.09	-25.00	2.00
726	ST W16X67	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.415	20
			0.00	-27.99	0.00
727	ST W16X67	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.805	20
			0.00	54.25	2.00
728	ST W16X36	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.352	20
			0.00	-11.22	0.00
729	ST W16X36	PASS	(AISC SECTIONS)		
		0.57 C	LRFD-H1-1B-C	0.678	28
			0.81	16.80	2.00
730	ST W16X36	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.391	20
			0.00	-12.44	2.00
731	ST W16X36	PASS	(AISC SECTIONS)		
		1.31 C	LRFD-H1-1B-C	0.445	24
			0.44	11.45	2.00
732	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.688	20
			0.00	8.48	0.00
733	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.685	20
			0.00	8.45	0.00
734	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.690	20
			0.00	8.51	0.00
735	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.738	20
			0.00	9.10	0.00
736	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.843	20
			0.00	10.39	6.00
737	ST W14X43	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.611	20
			0.00	14.22	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
738	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.602	20
		0.00 C	0.00	14.03	0.00
739	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.784	20
		0.00 C	0.00	9.67	0.00
740	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.148	21
		0.04 C	0.16	3.80	0.00
741	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.082	21
		0.04 C	0.26	-0.79	2.50
742	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.269	24
		0.55 C	0.23	7.15	2.00
743	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.079	21
		0.04 C	0.19	-1.07	2.25
744	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.317	20
		0.00 C	0.00	-10.08	2.00
745	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.372	28
		0.75 T	-0.61	-8.21	0.00
746	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.266	20
		0.00 C	0.00	-8.46	0.00
747	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.528	28
		0.75 C	0.74	12.41	2.00
748	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.678	20
		0.00 C	0.00	8.36	0.00
749	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.616	20
		0.00 C	0.00	7.59	0.00
750	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.643	20
		0.00 C	0.00	7.93	0.00
751	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.736	20
		0.00 C	0.00	9.08	0.00
752	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.118	25
		0.06 C	0.34	1.77	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
753	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.424	28
		0.39 C	1.00	7.61	2.00
756	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.280	20
		0.00 C	0.00	-8.92	2.00
757	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.339	28
		0.74 T	-0.63	-7.04	0.00
758	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.843	20
		0.00 C	0.00	10.40	0.00
759	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.574	20
		0.00 C	0.00	13.37	0.00
760	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.339	20
		0.00 C	0.00	-10.78	0.00
761	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.550	28
		0.76 C	0.79	12.83	2.00
762	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.554	20
		0.00 C	0.00	12.92	0.00
763	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.760	20
		0.00 C	0.00	9.37	0.00
764	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.434	20
		0.00 C	0.00	-13.82	0.00
765	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.748	24
		1.55 C	0.47	20.90	2.00
766	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.345	20
		0.00 C	0.00	-10.99	2.00
767	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.651	28
		0.99 C	0.77	16.12	2.00
768	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.259	28
		0.00 C	-0.26	-6.75	0.00
769	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.831	28
		0.98 C	1.08	20.06	2.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
770	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.416	20
		0.00 C	0.00	-28.06	2.00
771	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.551	25
		1.00 T	-3.16	-25.32	2.00
772	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.431	20
		0.00 C	0.00	-29.05	0.00
773	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.796	28
		1.00 C	3.26	41.46	2.00
774	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.476	20
		0.00 C	0.00	11.09	6.00
775	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.571	20
		0.00 C	0.00	13.30	6.00
776	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	20
		0.00 C	0.00	14.05	6.00
777	ST W14X43		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.538	20
		0.00 C	0.00	12.54	6.00
778	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.787	20
		0.00 C	0.00	9.71	6.00
779	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.804	20
		0.00 C	0.00	9.92	6.00
780	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.833	20
		0.00 C	0.00	10.27	6.00
781	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.700	20
		0.00 C	0.00	8.63	6.00
782	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.658	20
		0.00 C	0.00	8.11	6.00
783	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.735	20
		0.00 C	0.00	9.06	6.00
784	ST W16X36		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.156	24
		0.04 T	-0.12	-4.27	0.00

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785	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.327	24
		0.87 C	0.43	7.79	2.00
786	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.117	21
		0.04 T	-0.11	-3.10	2.00
787	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.293	28
		0.63 C	0.70	5.15	2.00
788	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.152	25
		0.06 T	-0.35	-2.77	2.00
789	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.427	28
		0.61 C	1.00	7.70	2.00
790	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.265	25
		0.05 T	-0.25	-6.97	2.00
791	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.495	21
		0.85 T	-0.39	-13.43	2.00
792	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.244	20
		0.00 C	0.00	-7.77	0.00
793	ST	W16X36	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.639	24
		0.84 C	0.41	17.84	2.00
794	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.476	20
		0.00 C	0.00	11.09	0.00
795	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.571	20
		0.00 C	0.00	13.30	0.00
796	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.603	20
		0.00 C	0.00	14.05	0.00
797	ST	W14X43	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.538	20
		0.00 C	0.00	12.54	0.00
798	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.787	20
		0.00 C	0.00	9.71	0.00
799	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.805	20
		0.00 C	0.00	9.92	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
800	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.833	20
		0.00 C	0.00	10.27	0.00
801	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.699	20
		0.00 C	0.00	8.62	0.00
802	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.657	20
		0.00 C	0.00	8.10	0.00
803	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.735	20
		0.00 C	0.00	9.06	0.00
804	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.236	20
		0.00 C	0.00	-10.06	0.00
805	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.336	28
		0.08 C	0.65	9.11	3.00
806	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.141	20
		0.00 C	0.00	-4.00	1.50
807	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.280	25
		0.30 T	-0.58	-8.51	0.50
808	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.158	28
		0.09 T	-0.20	-5.54	0.00
809	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.547	20
		0.00 C	0.00	-6.74	3.00
810	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.234	20
		0.00 C	0.00	-4.49	1.12
811	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.277	28
		0.19 C	0.23	7.49	4.50
812	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.033	20
		0.00 C	0.00	-0.92	1.50
814	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.084	28
		0.05 C	0.09	6.35	1.00
817	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.177	25
		0.10 C	0.37	12.14	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
818	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.229	28
		0.07 C	0.22	15.81	3.00
819	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.141	20
		0.00 T	0.00	-3.99	0.00
820	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.144	24
		0.26 C	0.16	10.85	1.50
821	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.032	20
		0.00 C	0.00	-0.91	1.50
822	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.149	28
		0.28 C	0.02	12.14	0.50
823	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.055	25
		0.03 C	0.08	4.01	0.00
824	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.081	25
		0.30 T	-0.16	-5.60	0.50
825	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.547	20
		0.00 T	-0.00	-6.74	3.00
826	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.041	21
		0.14 C	0.09	-0.65	0.00
827	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.399	28
		0.39 C	0.32	30.85	1.50
828	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.030	24
		0.01 C	0.16	0.00	1.50
829	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.328	20
		3.88 C	-0.14	-30.70	1.00
831	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.617	20
		3.89 C	-0.25	-58.09	1.50
832	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.372	21
		0.95 T	-1.02	-23.76	1.50
833	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.291	24
		0.10 T	-0.76	-2.88	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
834	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.321	24
		0.12 C	0.79	16.30	4.50
835	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.244	21
		0.72 C	1.30	0.00	0.00
836	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.384	20
		3.94 C	0.11	36.17	0.00
837	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.064	21
		2.33 T	-0.31	0.04	1.50
838	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.237	24
		1.30 T	-1.25	0.00	0.00
839	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.568	21
		2.95 C	2.00	29.88	0.00
840	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.266	21
		1.15 T	-0.91	-15.77	1.50
841	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.358	24
		1.12 C	0.37	27.09	1.50
842	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.244	24
		0.41 C	0.41	17.38	1.50
843	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.133	21
		0.09 T	-0.59	-7.00	1.00
844	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.101	21
		0.02 T	-0.09	-7.78	1.50
845	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.156	25
		0.14 T	-0.25	-10.16	3.00
846	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.280	20
		0.01 C	-0.00	-6.78	0.00
847	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.069	25
		0.22 T	-0.14	-1.21	1.50
848	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.061	20
		0.00 C	0.00	-1.70	0.00

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849	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.065	20
		0.00 T	0.00	-1.57	1.50
969	ST W16X67		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.775	25
		1.21 C	2.85	41.52	0.00
980	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.576	21
		60.14 C	-10.29	-18.78	4.05
981	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.689	21
		81.18 C	-11.52	-23.36	4.05
986	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.170	21
		0.81 T	-0.30	-12.05	0.50
987	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.714	20
		144.74 C	8.89	-24.42	3.55
988	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.783	24
		98.92 C	14.69	19.34	4.05
989	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.513	24
		11.67 C	-15.90	-6.27	0.00
990	ST W16X45		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.462	28
		0.41 C	1.05	13.52	1.50
991	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.087	25
		0.33 C	0.34	-0.65	0.00
992	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.095	25
		0.24 C	0.51	0.00	0.00
993	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.485	24
		0.64 C	0.27	38.10	2.00
994	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.160	24
		0.01 C	0.11	12.38	2.00
995	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.417	24
		0.54 C	0.27	32.49	2.00
996	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.123	24
		0.01 C	0.11	9.40	2.00

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997	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.708	20
			0.00	-8.73	3.00
998	ST W14X34	PASS	(AISC SECTIONS)		
		0.00 C	LRFD-H1-1B-C	0.708	20
			0.00	-8.73	3.00
999	ST W21X83	PASS	(AISC SECTIONS)		
		0.62 C	LRFD-H1-1B-C	0.813	20
			-0.03	-82.11	2.00
1000	ST W21X83	PASS	(AISC SECTIONS)		
		0.62 C	LRFD-H1-1B-C	0.408	20
			-0.07	-40.80	2.00
1001	ST W21X68	PASS	(AISC SECTIONS)		
		2.85 T	LRFD-H1-1B-T	0.460	21
			-0.44	-34.60	2.00
1002	ST W21X68	PASS	(AISC SECTIONS)		
		0.51 C	LRFD-H1-1B-C	0.251	20
			0.01	-20.55	2.00
1003	ST W14X34	PASS	(AISC SECTIONS)		
		0.07 T	LRFD-H1-1B-T	0.708	20
			0.00	-8.73	3.00
1004	ST W14X34	PASS	(AISC SECTIONS)		
		0.03 C	LRFD-H1-1B-C	0.707	20
			-0.00	-8.71	3.00
1005	ST W21X83	PASS	(AISC SECTIONS)		
		5.38 C	LRFD-H1-1B-C	0.829	24
			0.50	80.02	2.00
1006	ST W21X83	PASS	(AISC SECTIONS)		
		0.62 T	LRFD-H1-1B-T	0.425	20
			-0.06	-42.63	0.00
1007	ST W21X68	PASS	(AISC SECTIONS)		
		3.96 C	LRFD-H1-1B-C	0.629	24
			0.39	48.72	2.00
1008	ST W21X68	PASS	(AISC SECTIONS)		
		4.14 T	LRFD-H1-1B-T	0.275	24
			-0.44	-19.30	0.00
1009	ST W14X34	PASS	(AISC SECTIONS)		
		0.04 C	LRFD-H1-1B-C	0.708	20
			0.00	-8.72	3.00
1010	ST W14X34	PASS	(AISC SECTIONS)		
		0.12 T	LRFD-H1-1B-T	0.709	20
			-0.00	-8.73	3.00
1011	ST W18X60	PASS	(AISC SECTIONS)		
		0.04 C	LRFD-H1-1B-C	0.151	24
			0.11	8.78	2.00

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1012	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.442	20
		0.00 C	-0.00	28.19	1.75
1013	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.153	24
		0.00 T	-0.35	-10.20	0.00
1014	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.529	24
		1.43 C	0.66	39.23	1.75
1015	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.119	20
		0.00 T	0.00	-7.43	0.00
1016	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.122	28
		0.32 T	-0.31	-5.83	0.00
1017	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.106	20
		0.00 T	0.00	-6.66	0.00
1018	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.112	28
		0.29 T	-0.33	-5.06	0.00
1019	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.113	25
		0.07 T	-0.20	-2.05	2.00
1020	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.130	21
		0.04 T	-0.19	-2.56	2.00
1021	ST	W8X40	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.171	20
		0.01 C	-0.00	1.86	2.00
1022	ST	W8X40	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.178	20
		0.00 C	0.00	1.63	2.00
1023	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.450	20
		0.01 C	0.00	12.26	2.00
1024	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.524	20
		0.00 C	0.00	14.28	2.00
1025	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.141	24
		0.40 T	-0.17	-7.87	0.00
1026	ST	W21X68	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.190	21
		1.45 C	0.62	11.30	0.00

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1027	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.129	25
		0.10 T	-0.34	-6.12	1.75
1028	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.113	25
		0.06 T	-0.29	-5.37	1.75
1029	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.037	25
		0.59 C	0.18	0.03	0.00
1030	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.382	20
		0.00 C	-0.00	10.41	2.00
1031	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.494	24
		0.67 C	0.30	29.54	0.25
1032	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.680	24
		2.80 C	1.36	46.81	0.25
1033	ST W18X60		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.059	20
		0.00 T	-0.00	0.00	0.25
1034	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.053	21
		0.21 T	-0.54	0.00	0.25
1035	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.034	21
		0.83 C	0.17	0.02	0.00
1036	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.402	20
		0.04 C	0.00	10.93	2.00
1037	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.159	20
		0.17 T	0.00	-4.31	0.83
1038	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.153	20
		0.14 T	-0.00	-4.27	0.00
1039	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.229	24
		0.91 T	-1.28	-6.48	0.00
1040	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.249	24
		0.51 T	-1.57	-6.17	0.00
1041	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.236	24
		0.39 T	-1.10	-8.10	0.00

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1042	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.239	24
		0.96 T	-1.12	-8.25	0.00
1043	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.154	20
		0.19 T	-0.00	-4.29	1.75
1044	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.254	21
		2.45 T	-1.54	-6.48	1.75
1045	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.235	21
		1.22 T	-1.09	-8.10	1.75
1046	ST W14X34		(AISC SECTIONS)		
		PASS	SHEAR-Y	0.059	20
		0.11 T	-0.01	0.72	0.00
1047	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.304	24
		0.31 C	3.13	0.00	0.25
1048	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.212	24
		0.21 T	2.18	0.00	0.25
1049	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.545	21
		0.39 C	1.08	9.30	0.00
1050	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.627	21
		0.39 C	1.08	11.56	0.00
1051	ST W8X40		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.353	21
		0.81 T	-1.99	-2.91	2.00
1052	ST W8X40		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.351	21
		0.83 T	-1.98	-2.88	2.00
1053	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.203	21
		0.83 T	-0.38	-3.53	2.00
1054	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.204	21
		0.85 T	-0.38	-3.57	2.00
1055	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.513	21
		8.32 C	1.04	7.96	0.00
1056	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.309	21
		5.42 T	-0.46	-5.71	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1057	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.529	21
		8.49 C	1.04	8.36	0.00
1058	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.317	21
		5.65 T	-0.47	-5.87	2.00
1059	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.187	21
		0.05 C	0.45	12.35	0.00
1060	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.197	21
		1.24 T	-0.83	-10.56	1.75
1061	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.289	24
		0.39 T	-1.09	-11.46	0.00
1062	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.280	24
		1.20 T	-1.07	-11.15	0.00
1063	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.306	21
		0.92 T	-1.29	-11.24	2.00
1064	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.331	24
		2.51 T	-1.56	-11.24	0.00
1065	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.463	21
		1.24 C	0.85	32.45	0.00
1066	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.288	21
		1.02 T	-1.10	-11.46	1.75
1067	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.328	21
		0.52 T	-1.58	-11.07	1.75
1068	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.297	21
		2.30 T	-1.92	-11.27	0.25
1069	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.214	21
		0.57 T	-2.19	0.00	0.25
1070	ST W18X60		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.297	21
		1.75 T	-3.03	0.00	0.25
1071	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.201	24
		0.84 T	-0.37	-3.53	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1072	ST W14X34	PASS	(AISC SECTIONS)		
		0.86 T	LRFD-H1-1B-T	0.203	24
			-0.38	-3.57	0.00
1073	ST W8X40	PASS	(AISC SECTIONS)		
		0.87 T	LRFD-H1-1B-T	0.341	24
			-1.99	-2.64	0.00
1074	ST W8X40	PASS	(AISC SECTIONS)		
		0.89 T	LRFD-H1-1B-T	0.347	24
			-2.00	-2.76	0.00
1075	ST W14X34	PASS	(AISC SECTIONS)		
		0.39 T	LRFD-H1-1B-T	0.251	24
			-0.93	-2.09	0.00
1076	ST W14X34	PASS	(AISC SECTIONS)		
		0.40 T	LRFD-H1-1B-T	0.217	24
			-0.93	-1.17	0.00
1077	ST W14X34	PASS	(AISC SECTIONS)		
		5.52 T	LRFD-H1-1B-T	0.309	24
			-0.46	-5.71	0.00
1078	ST W14X34	PASS	(AISC SECTIONS)		
		7.44 C	LRFD-H1-1B-C	0.212	24
			0.99	0.08	2.00
1079	ST W14X34	PASS	(AISC SECTIONS)		
		5.73 T	LRFD-H1-1B-T	0.315	24
			-0.46	-5.87	0.00
1080	ST W14X34	PASS	(AISC SECTIONS)		
		7.62 C	LRFD-H1-1B-C	0.213	24
			0.99	0.09	2.00
1081	ST W21X68	PASS	(AISC SECTIONS)		
		0.03 C	LRFD-H1-1B-C	0.250	21
			0.85	14.85	0.00
1082	ST W21X68	PASS	(AISC SECTIONS)		
		1.44 T	LRFD-H1-1B-T	0.206	21
			-0.71	-12.10	1.75
1083	ST W21X68	PASS	(AISC SECTIONS)		
		1.43 C	LRFD-H1-1B-C	0.491	21
			0.64	36.18	0.00
1084	ST W21X68	PASS	(AISC SECTIONS)		
		2.60 T	LRFD-H1-1B-T	0.380	21
			-2.66	-13.11	0.25
1085	ST W14X34	PASS	(AISC SECTIONS)		
		2.72 T	LRFD-H1-1B-T	0.311	24
			-0.55	-5.49	0.00
1086	ST W14X34	PASS	(AISC SECTIONS)		
		2.36 T	LRFD-H1-1B-T	0.321	24
			-0.56	-5.92	0.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1087	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.298	24
		0.42 T	-2.14	-5.59	0.00
1088	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.269	24
		2.54 T	-1.84	-5.52	0.00
1089	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.301	24
		0.88 T	-2.02	-6.49	0.00
1090	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.280	24
		2.06 T	-1.88	-6.04	0.00
1091	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.300	21
		0.74 T	0.65	4.97	0.00
1092	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.245	21
		1.49 T	-1.61	-5.59	1.75
1093	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.257	21
		0.69 T	-1.59	-6.49	1.75
1094	ST	W14X34	(AISC SECTIONS)		
		PASS	SHEAR-Y	0.114	20
		2.34 T	-0.05	0.00	0.25
1095	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.377	24
		1.62 C	3.86	0.00	0.25
1096	ST	W18X60	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.252	24
		1.01 C	2.58	0.00	0.25
1097	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.256	21
		0.31 T	-1.05	-1.61	2.00
1098	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.245	21
		0.28 C	1.31	0.01	0.00
1099	ST	W8X40	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.371	21
		0.39 T	-2.89	-1.33	2.00
1100	ST	W8X40	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.352	21
		0.29 T	-2.93	-0.87	2.00
1101	ST	W14X34	(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.200	21
		0.22 T	-1.07	-0.00	2.00

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1102	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.204	21
		0.19 T	-1.09	-0.00	2.00
1103	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.230	21
		9.54 C	1.05	0.07	0.00
1104	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.128	21
		3.55 C	0.62	-0.04	0.00
1105	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.238	21
		9.88 C	1.09	0.09	0.00
1106	ST W14X34		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.128	21
		2.25 C	0.64	-0.04	0.00
1107	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.748	24
		93.71 C	10.38	26.36	4.05
1108	ST W14X90		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.652	24
		47.21 C	7.46	32.00	3.90
1109	ST W18X86		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.974	24
		11.85 C	5.58	70.72	2.00
1110	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.428	25
		0.68 C	0.31	33.06	0.00
1111	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.237	21
		0.00 C	0.00	11.14	0.00
1112	ST W21X68		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.352	24
		0.00 C	0.00	16.53	6.00
1113	ST W21X93		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-T	0.767	20
		0.06 T	-0.10	87.18	0.00
1114	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.577	25
		43.54 C	-9.28	-28.57	0.50
1115	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.786	24
		117.33 C	10.99	34.96	0.50
1116	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.655	20
		104.97 C	6.26	-36.96	0.50

ALL UNITS ARE - MTON METE (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1117	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.699	20
		102.04 C	-7.96	37.59	0.50
1118	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.799	21
		95.49 C	-12.15	-38.27	0.50
1119	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.721	24
		78.08 C	7.45	42.56	0.50
1120	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.780	23
		115.37 C	-8.36	40.15	0.50
1121	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.791	21
		65.59 C	-10.85	-42.68	0.50
1122	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1A-C	0.779	20
		144.64 C	10.86	-29.57	0.50
1123	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.557	25
		16.91 C	-4.90	-38.04	3.40
1124	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.960	20
		43.45 C	15.12	50.20	3.40
1125	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.937	20
		41.16 C	12.22	-54.50	3.40
1126	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.861	20
		37.80 C	-9.64	53.37	3.40
1127	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.915	20
		41.74 C	-13.52	-49.68	3.40
1128	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.966	20
		38.67 C	13.75	54.06	3.40
1129	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.929	20
		48.43 C	16.72	-43.65	3.40
1130	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.814	20
		65.75 C	-14.11	37.37	3.40
1131	ST W14X99		(AISC SECTIONS)		
		PASS	LRFD-H1-1B-C	0.817	20
		39.52 C	-8.85	-50.92	3.40

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

733. STEEL TAKE OFF ALL

STAAD SPACE

-- PAGE NO. 257

STEEL TAKE-OFF

PROFILE	LENGTH(METE)	WEIGHT (MTON)
ST W14X90	357.45	47.872
ST W16X45	204.00	13.712
ST W16X57	12.00	1.019
ST W21X68	336.00	33.961
ST W18X60	54.00	4.803
ST W14X99	87.45	12.861
ST W21X93	48.00	6.622
ST W21X83	46.00	5.672
ST W18X86	42.00	5.370
ST W14X34	1117.00	56.451
ST W14X43	192.00	12.226
TC W21X83	2.00	0.275
ST W16X36	372.00	19.928
ST W16X67	228.00	22.584
ST W8X40	16.00	0.946

	TOTAL =	244.303

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

734. FINISH

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

**** DATE= MAR 16,2018 TIME= 13:56:53 ****


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