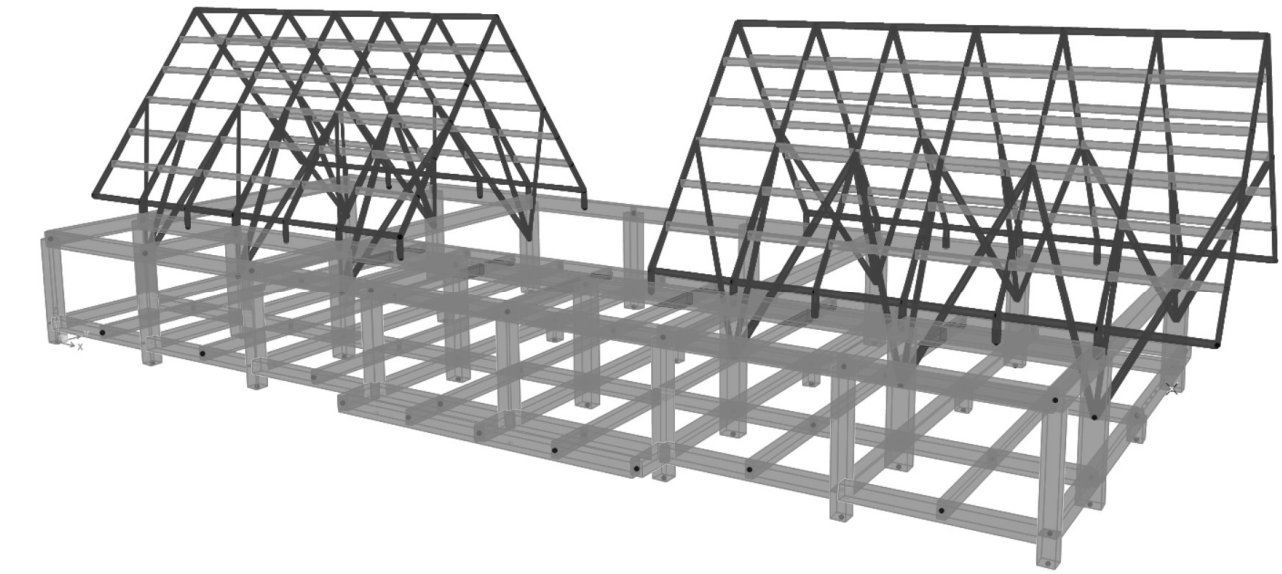
Proyecto estructural Casa de la cultura - Santa Rosa del Sur

Departamento: Bolívar
Municipio: Santa Rosa del Sur



Grupo de infraestructura cultural
Ministerio de cultura

Por: Ing. Juan David Hurtado

Memoria de diseño estructural
mayo 2024

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2 Descripción del proyecto

El proyecto arquitectónico contempla la implantación de una casa cultural para el municipio de Santa rosa del sur del departamento de Bolivar. Que se proyecta como la construcción de una estructura de un nivel de altura y un área cubierta de 232 m^2 por unidad, su altura a cumbre es de 7.14m.

El diseño estructural contempla la definición del sistema sismo-resistente en armonía con la arquitectura y el entorno en el que se desarrolla, donde se contempla la construcción de un módulo estructural, a partir de un sistema estructural de pórticos de concreto con disipación Moderada (DMO)

Nivel de Amenaza Sísmica: Moderada
Estudio de Suelos: Ingeniería y suelos S.A.S

Número de pisos
La estructura cuenta con un nivel en altura donde se desarrolla la plataforma y los usos principales en el nivel NE+0.00 y el nivel de vigas de coronación NE+2.20m y el punto cumbrera a NE+7.14m

3 Descripción del sistema estructural

El sistema principal de resistencia sísmica de la estructura se define en pórticos resistentes de momento en concreto reforzado DMO en el sentido X y el sentido Y. El sistema de cubierta se diseña como un sistema de cerchas en secciones de perfiles tubulares en acero estuctural que dan soporte a las correas de cubierta en perfiles tipo C

Los principios de diseño de la estructura son los siguientes:

- Todos los elementos verticales muros y pórticos se vinculan entre sí mediante vigas en las dos direcciones ortogonales.
- La estructura cuenta con un diafragma Semi rígido en el nivel de cubierta lo cual se evidencia en los desplazamientos libres de las columnas, por lo cual no se considera diafragmas en el modelo analítico
- El sistema estructural está diseñado y detallado para una capacidad de disipación Moderada de energía (DMO), de acuerdo con los requisitos de la NSR10

4 CAPACIDAD DE DISIPACIÓN DE ENERGÍA:

De acuerdo con el material de la estructura y las características del sistema de resistencia sísmica descrito, se establece el grado de disipación de energía para el proyecto como **Disipación Moderada de Energía (DMO).**

Irregularidades estructura

Se realizó el correspondiente chequeo de irregularidades conforme a lo establecido en las tablas A.3-5, A.3-6 y A.3-7 de la NSR-10, y a partir de este se obtuvieron los siguientes coeficientes de reducción de la capacidad de disipación de energía para el edificio:

- Irregularidad en planta en X: ϕpX = 1.00
- Irregularidad en planta en Y: ϕpY = 1.00
- Irregularidad en altura: ϕaA = 1.00
- Irregularidad por ausencia de redundancia: ϕrx = 1.00
- Irregularidad por ausencia de redundancia: ϕry = 0.75

Nota: Se anexa chequeo de irregularidades

5 CARGAS

5.1 Cargas muertas y Vivas de diseño

El peso propio de los elementos estructurales se determina con base en la densidad de los materiales de construcción. Adicionalmente, se consideraron las siguientes cargas muertas para el edificio:

Plataforma
- Acabados: 66 kg/m^2

Cubierta
- Teja termoacustica: 15 kg/m^2
- accesorios: 15 kg/m^2
- cielo raso: 10 kg/m^2

De acuerdo con el uso que tendrán las diferentes áreas del edificio, las cargas vivas utilizadas en el análisis corresponden a:

- Plataforma con uso de zonas de estudio 500 kg/m^2
- Cubierta liviana pendiente mayor a 15% 50 kg/m^2

Nota: Se anexa avaluó de cargas

5.2 Movimiento sísmico de diseño

De acuerdo con la información de la NSR-10 (Norma sismo resistente de Colombia 2010), el proyecto se ubica en la zona de amenaza Intermedia de acuerdo con la zonificación sísmica de Colombia. Los parámetros de cálculo de la fuerza sísmica para la estructura son los siguientes:

- Perfil de suelo: **D** Según estudio de suelos por **Ingeniería & suelos S.A.S**
- Aceleración horizontal pico efectiva de diseño. Aa= 0.15 g
- Aceleración que representa la velocidad horizontal pico efectiva de diseño, Av=0.15g

- Coeficiente de amplificación que afecta la aceleración en la zona de períodos cortos Fa=1.50
- Coeficiente de amplificación que afecta la aceleración en la zona de períodos intermedios Fv=2.20
- Coeficiente de Importancia I =1.10 (Grupo II)

5.3 Fuerzas sísmicas

Las fuerzas sísmicas se calculan por el Método de análisis de fuerza horizontal equivalente, como se establece en el Capítulo A.4 de la NSR-10. Se hace el análisis espectral para los primeros modos de vibración de acuerdo con el espectro de Pseudoaceleración y con el análisis modal de la edificación se verifica el periodo de vibración natural y las fuerzas sísmicas, el cortante basal considera una posible excentricidad del 5% de la longitud en planta lo que produce una torsional accidental.

5.4 Fuerzas de granizo

Para esta cubierta NO se consideran fuerzas de granizo dado que se encuentra en un municipio con altitud menor a 2000msnm, con baja probabilidad de granizo

Cubierta con pendiente >15°

6. Metodologia de diseño estructural

El proyecto estructural se configura a partir de la geometría y su lugar de implantación, donde se definen las solicitudes por el uso, riesgo sísmico y riesgo eólico, el sistema se pre dimensiona acorde con los requisitos para estructuras en concreto del titulo C con capacidad de disipación DES.

El software de análisis SAP 2000, se utilizó para el análisis estructural de la unidad proyectada, programa desarrollado por “Computer and structures”, donde se simula un modelo matemático con datos de entrada como las propiedades de los materiales, secciones de elementos y solicitudes para las diferentes cargas a las que se ve sometida la estructura (Ver anexo de de datos de entrada - imput). El programa distribuye las fuerzas en los elementos, esfuerzos y desplazamientos de acuerdo con la distribución geométrica y su respectiva matriz de rigidez.

Principios de diseño y modelación numérica

- Para el diseño de elementos en concreto, se guía en los parámetros del Titulo C con la metodología y los factores de reducción acordes con el Reglamento colombiana NSR-10.

7. Documentos referencia de diseño estructural

- Reglamento colombiano de construcción sismorresistente NSR-10
- Ley 400 de 1997 de la constitución política de Colombia

8. Cimentación

El diseño de la cimentación se basa en las recomendaciones del estudio de Suelos realizado por la por la oficina **Ingeniería y suelos S.A.S**. La cimentación esta propuesta por una cimentación superficial con capacidad de 30Ton/m² a una profundidad de desplante de1.00m por dados de cimentación que amarran los pilotes de 25cm de diámetro y 4 metros de profundidad hasta el nivel de terreno con una capacidad adecuada. Los dados de cimentación se amarran con vigas de amarre que conecten todos los elementos estructurales y que confine el recebo. La placa del primer nivel se considera elevada, y se apoya directamente en las columnas.

9. Requerimientos de sismo resistencia

El sistema estructural se define en pórticos de concreto resistente a momento y cumple con los requerimientos del título C.21 de la NSR-10 en sus armados de refuerzo y en los chequeos necesarios de:

- Relación viga – columna
- Diseño por cortante plástico y elástico: se evalúa el comportamiento de los elementos estructurales en el estado plástico, analizando la resistencia o capacidad de cada elemento ante el cortante elástico y plástico. Siendo el principal punto de fragilidad al desarrollarse posibles rotulas plásticas

10. Combinaciones de diseño

Acorde con el título B.2.4.2 de la NSR-10 se consideran las siguientes combinaciones de diseño por resistencia ultima para elementos de concreto reforzado

$$1.4(D+F) \quad \text{(B.2.4-1)}$$

$$1.2(D+F+T)+1.6(L+H)+0.5(L_r \text{ ó } G \text{ ó } L_e) \quad \text{(B.2.4-2)}$$

$$1.2D+1.6(L_r \text{ ó } G \text{ ó } L_e)+(L \text{ ó } 0.8W) \quad \text{(B.2.4-3)}$$

$$1.2D+1.6W+1.0L+0.5(L_r \text{ ó } G \text{ ó } L_e) \quad \text{(B.2.4-4)}$$

$$1.2D+1.0E+1.0L \quad \text{(B.2.4-5)}$$

$$0.9D+1.6W+1.6H \quad \text{(B.2.4-6)}$$

$$0.9D+1.0E+1.6H \quad \text{(B.2.4-7)}$$

11. Materiales de construcción

Las especificaciones de los materiales utilizados en el análisis estructural del proyecto son:

- Vigas de cimentación, dados y pilotes: f'_c = 210 kg/cm^2 (21.0 MPa)
- Losa aérea: f'c = 280 kg/cm2 (28.0 MPa)
- Vigas y columnas: f'c = 280 kg/cm2 (28.0 MPa)
- Acero de refuerzo 3/8" y mayores fy = 4200 kg/cm² (420 MPa)
- Platinas y laminas ASTM A572 fy= 3500 kg/cm² (350 MPa)
- Perfiles tubulares ASTM A500 Gr.C fy=3220 kg/cm² (322 MPa)
- Pernos de conexión: ASTM A325
- Pernos de anclaje ASTM F1554 Gr. 36
  Pintura: Espesor película seca micrones + Acabado epóxico 50 micrones tipo Pintucoat)
- Soldadura Electrodos E7018

12. Protección contra fuego

La estructura se define como un centro cultural para la comunidad Rom en el municipio de Sampués – Sucre, se evalúa su resistencia a Fuego acorde con el titulo J de la NSR-10,

- Área= 120 m² por cada unidad
- Categoría: La estructura se clasifica como: Lugar de reunión culturales **(L-2)**

Grupos y Subgrupos de ocupación	Clasificación	Sección del Reglamento
L	LUGARES DE REUNION	K.2.7
L-1	Deportivos	
L-2	Culturales y teatros	
L-3	Sociales y recreativos	
L-4	Religiosos	
L-5	De transporte	

- Categoría de riesgo grupo L, es **categoría II**
- Resistencia a fuego de acuerdo según Tabla **J.3.4.3,**

Tabla J.3.4-3
Resistencia requerida al fuego normalizado NTC 1480 (ISO 834), en horas, de elementos de una edificación.

Elementos de la construcción	Categoría según la clasificación dada en J.3.3.1		
	I	II	III
Muros Cortafuego	3	2 ½	2
Muros de cerramiento de escaleras, ascensores, buitrones, ductos para basuras y corredores de evacuación	2	2	1 ½
Muros divisorios entre unidades	2	1 ½	1
Muros interiores no portantes	½	¼	-
Columnas, vigas, viguetas, losas, y muros portantes de cualquier material, y estructuras metálicas en celosía	2	1 ½	1
Cubiertas	1	1	½
Escaleras interiores no encerradas con muros	2	1½	1

Para categoría II, se requieren los siguientes tiempos de resistencia

- Cubierta en madera, resistencia requerida =1 Hora
- Estructura, columnas, vigas y losas de concreto= 1 ½ horas

Resistencia a fuego requerida para estructura de concreto

Resistencia para un periodo de 1 ½" horas

- Según J. 3.5.2.1, la dimensión mínima de columna = 230mm < dimensión columna Casa ROM 250mm; **Cumple**
- **Según J.3.5.2.3, se verifican los recubrimientos para:**
  - Losas de concreto recubrimiento mínimo de= 20mm, recubrimiento usado = 40mm, **Cumple**
  - recubrimiento mínimo de vigas con b= 250mm, r= 20mm; recubrimiento usado=40mm, **Cumple**

13. Tabla de anexos

a. Geometría modelo analítico
b. Análisis de cargas
c. Asignación de cargas muerta y viva
d. Espectro de diseño
e. Fuerzas de viento
f. Fuerza horizontal equivalente
g. Chequeo de deriva
h. Verificación de irregularidades
i. Datos de entrada
j. Diseño de vigas
k. Diseño de columnas
l. Relación viga – columna
m. Reacciones
n. Diseño de zapatas
o. Diseño de vigas de amarre
p. Diseño de cubierta Metálica
q. Diseño de elementos no estructurales
r. Datos de salida – diseño elementos concreto

Cordialmente

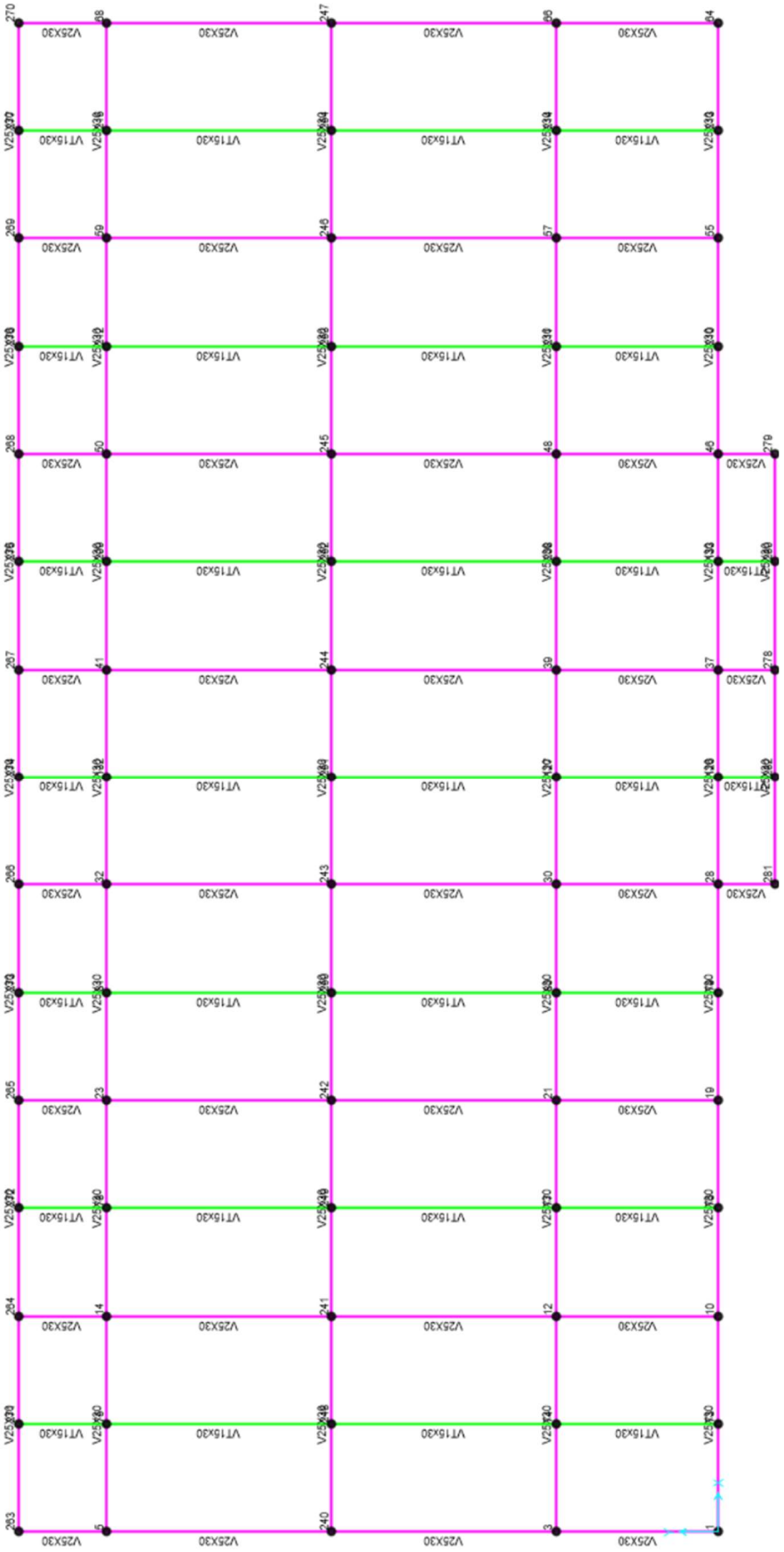
Juan David Hurtado
Ingeniero Civil – Mag. Estructuras
Mat.25202-343770 CND

Geometría del modelo estructural

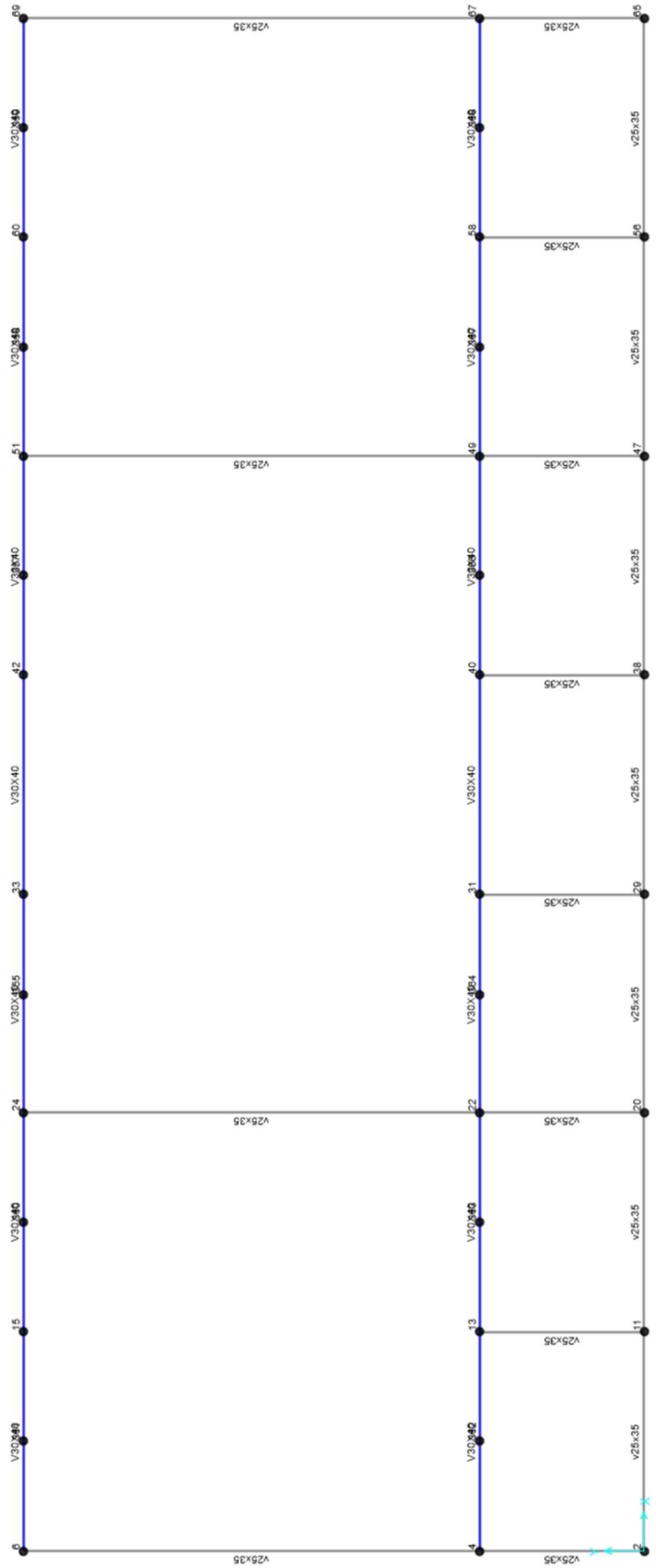
Localización restricciones Ne -0.50



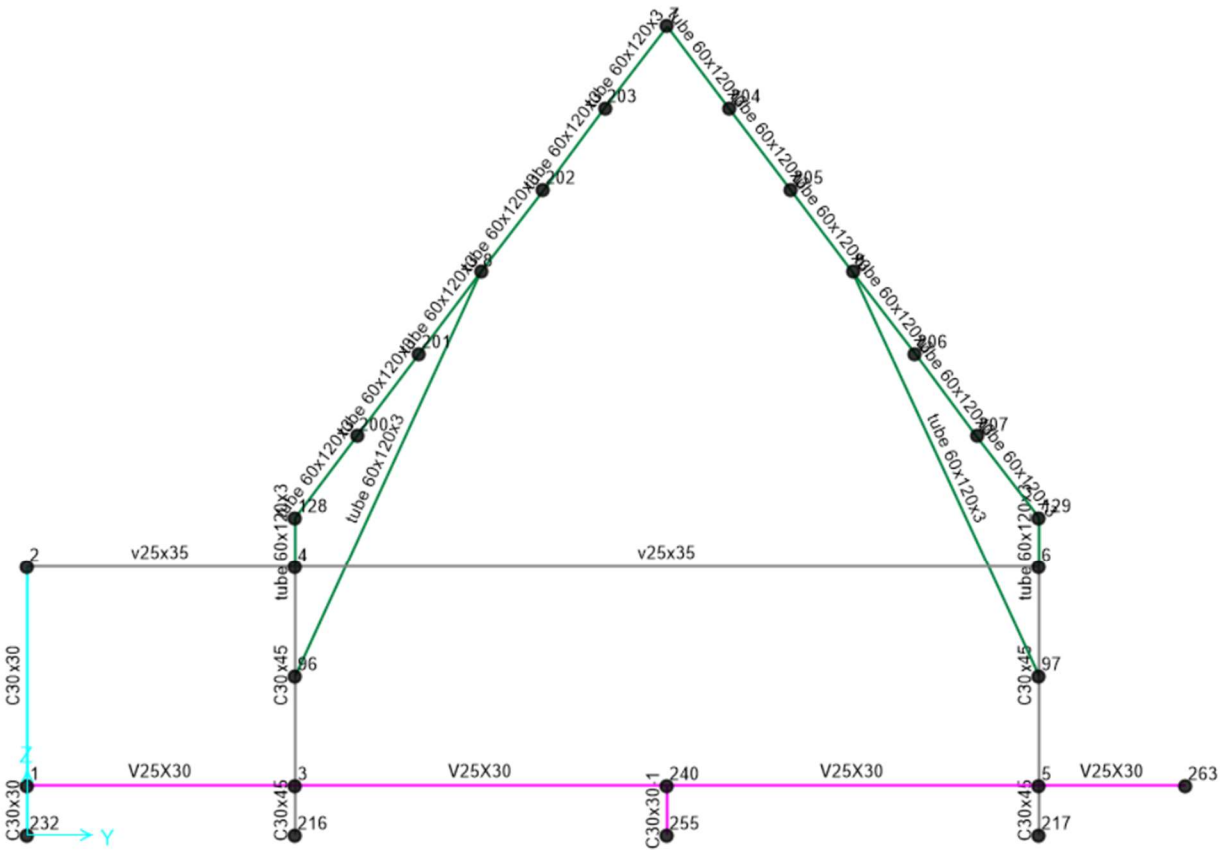
Nivel de cubierta Ne+0.00m



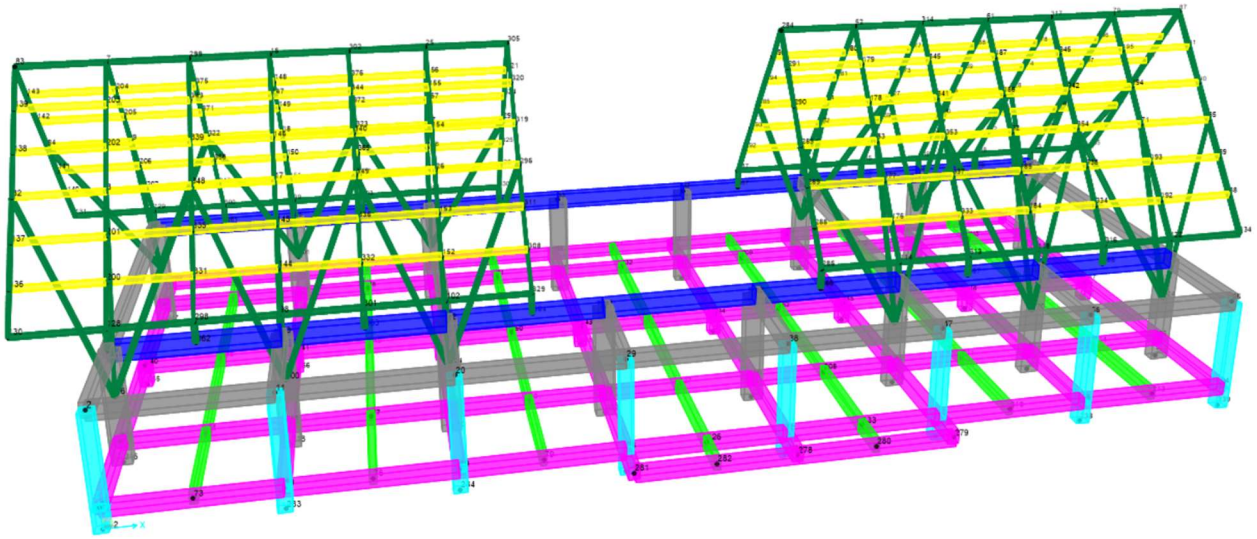
NE+2.20



Corte estructural transversal

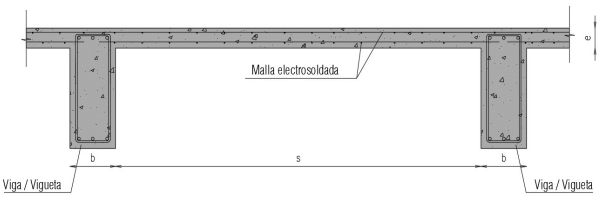


axonometría 3d



Proyecto: Santa Rosa del sur - Bolivar Fecha= 5/20/2025
Nivel: plataforma

Losa maciza en una dirección



0.10
0.30
0.20
0.25 1.60 0.15

Peso de muros divisorios **tipo=** (Muro en mampostería)

h. piso=	2.55 m	h. viga=	0.35 m	Q.muro=	0.16 Ton/m/m
H. libre=	2.20 m	e muro=	0.15 m	**Wmuro=**	0.35 Ton/m
A muros=	0.3795 m^2			**Pmuro=**	890.56 kg
A modulo=	9.36 m^2			C. muros=	96.00 kg/m^2

CARGAS PERMANENTES

			[KN/m^2]	[Kgf/m^2]
- Acabados	e= 0.05 m	Wa= 22.00 KN/m^2	1.10	110.00
- Placa	e= 0.10 m	Wconcret= 24.00 KN/m^2	2.40	240.00
- Muros divisorios			0.00	0.00

Nota: el peso propio de los elementos los considera el programa — **C. MUERTA.** 3.50 350.00

CARGAS VARIABLES

		[KN/m^2]	[Kgf/m^2]
C. VIVA	cuartos de estudio	5.00	0.00

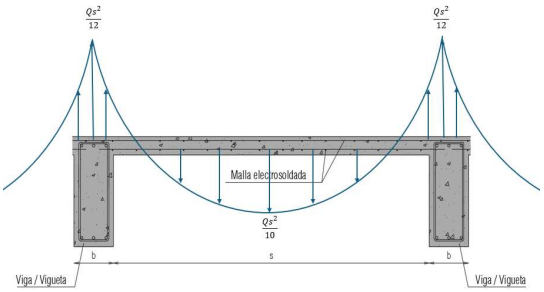
C. TOTAL = 350 Kg/m^2
C. ULTIMA = 1.2 CM + 1.6 CV = 420 Kg/m^2

CARGA A VIGUETAS:

C. Muerta	q_u / Vigueta =	3.50	x	1.75	=	**6.1**	**KN/m**
C. Viva	q_u / Vigueta =	5.00	x	1.75	=	**8.8**	**KN/m**

Materiales	(kg/cm^2)		
f'c =	210	b (cm) =	100
fy =	4200	d (cm) =	7

Diseño a Flexión Losa maciza



	M_u (kg-m/m)	R (kg/cm^2)	k	ρ	A_s (cm^2/m)	
M-	89.60	0.020	0.05	0.0005	0.90	5.0c/150mm
M+	107.52	0.024	0.05	0.0006	1.80	6.0c/150mm

Chequeo Cortante

v_u (kg/m)	ϕV_c (kg/m)	Check
336.00	4032.23	Ok

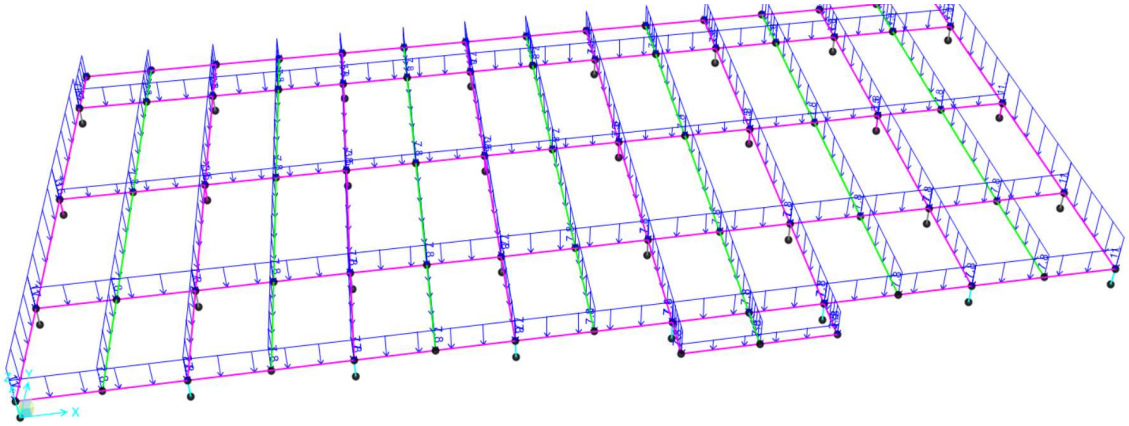
Asignación de cargas kg/m

L. Aferente	CM	C. muros	C. Muerta	C. Viva
1.75	6.13	3.52	10	9
1.00	3.50	3.52	7	5

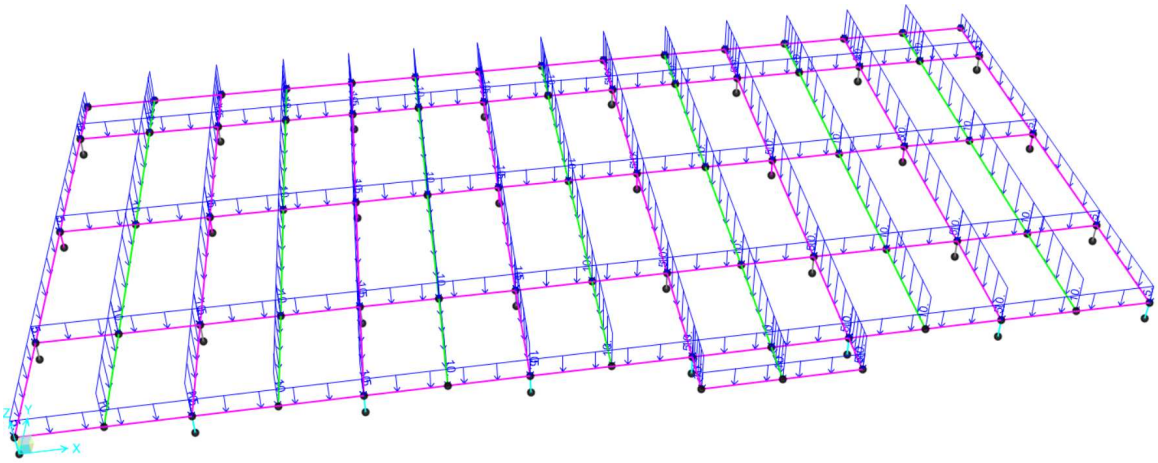
La carga de muros divisorios y fachada se carga directamente en las vigas que dan apoyo

Nota: dada la saturación de la imagen, por las cargas asignadas. Se anexa datos de entradadel modelo para su respectiva revisión

Carga muerta **(KN/m)**



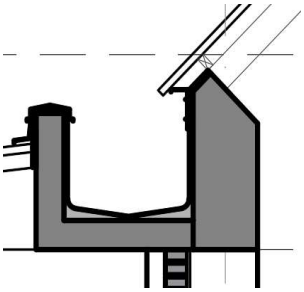
Carga Viva **(KN/m)**



Proyecto: Santa Rosa del sur - Bolivar Fecha= 5/20/2025

Nivel: viga canal

Cargas lineales por viga canal



e= 0.10 m

h=0.40m

b= 0.75 m

CARGAS PERMANENTES

			[KN/m]	[Kgf/m]
- Acabados o pendientado	e= 0.05 m	Wa= 22.00 KN/m3	0.83	83
- Estancamiento de agua	e= 0.10 m	Wa= 10.00 KN/m3	0.75	75
- Viga canal	e= 0.10 m	Wconcret= 24.00 KN/m3	1.80	180
- Viga borde lateral 15x40	0.06	Wconcret= 24.00 KN/m3	1.44	144
- impermeabilización y otros			0.05	5

Nota: el peso propio de los elementos los considera el programa

C. MUERTA. 4.87 487

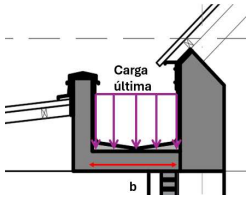
CARGAS VARIABLES

		[KN/m²]	[KN/m]	[Kgf/m]
C. VIVA	mantenimiento CV:	1.80	1.35	135

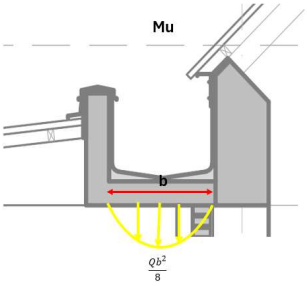
C. TOTAL = 622 Kg/m

C. ULTIMA = 1.2 CM + 1.6 CV = 800 Kg/m

Materiales	(kg/cm^2)		
f'c =	280	b (cm) =	100
fy =	4200	d (cm) =	7

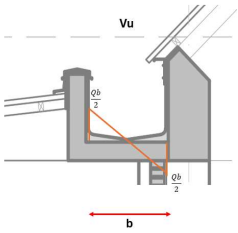


Diseño a Flexión



	M_u (kg-m/m)	R (kg/cm^2)	k	ρ	A_s (cm^2/m)	
M+	56.24	0.013	0.07	0.0003	1.80	3/8" @0.15m
	0.00	0.000	0.07	0.0000	1.80	

Chequeo Cortante

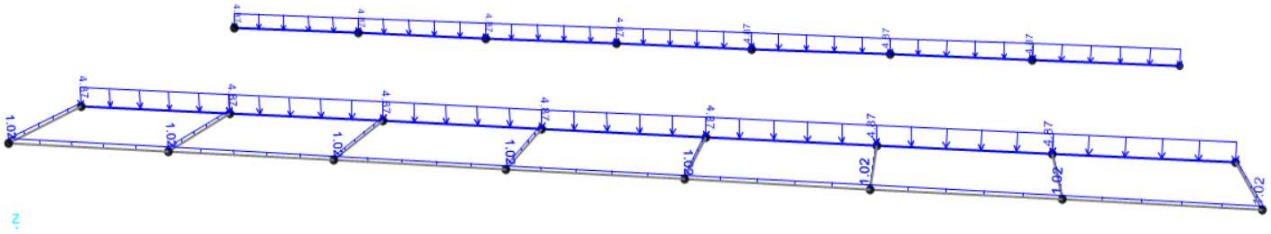


$_{Vu}$ (kg/m)	ϕV_c (kg/m)	Check
299.93	4656.01	Ok

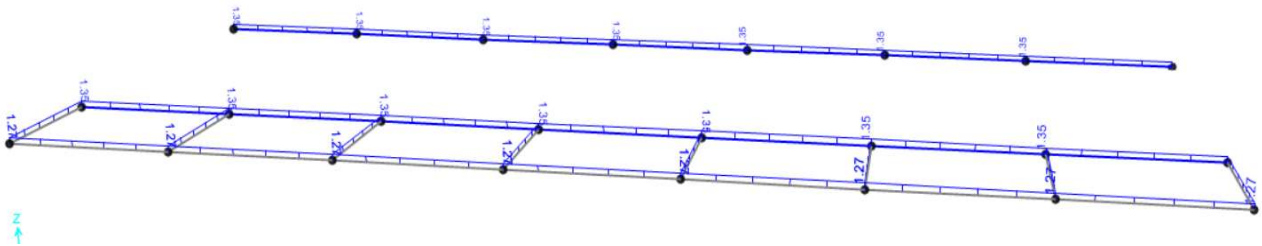
Asignación de cargas

W. C.Muerta= 4.87 kN/m C. Viva= 1.35 kN/m

Carga muerta

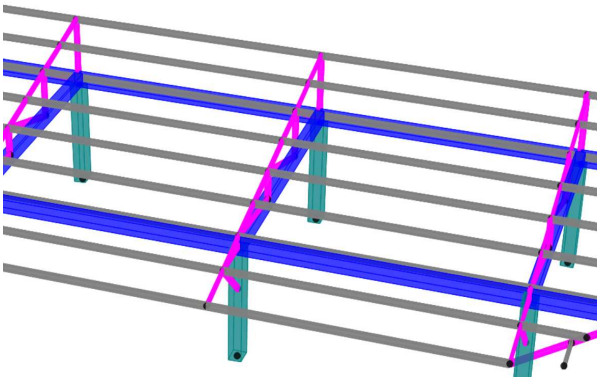


Carga Viva



Proyecto: Santa Rosa del sur - Bolivar Fecha= 5/20/2025

Nivel: cubierta liviana



S correas= 1.00

CARGAS PERMANENTES	[KN/m²]	[Kgf/m²]
- Teja arquitectonica	0.15	15.00
- Cielo raso	0.10	10.00
- Accesorios	0.15	15.00

Nota: el peso propio de los elementos los considera el programa

Carga para Sap=

C. MUERTA.	0.40	40.00
C. SOBREIMP.	0.40	40.00

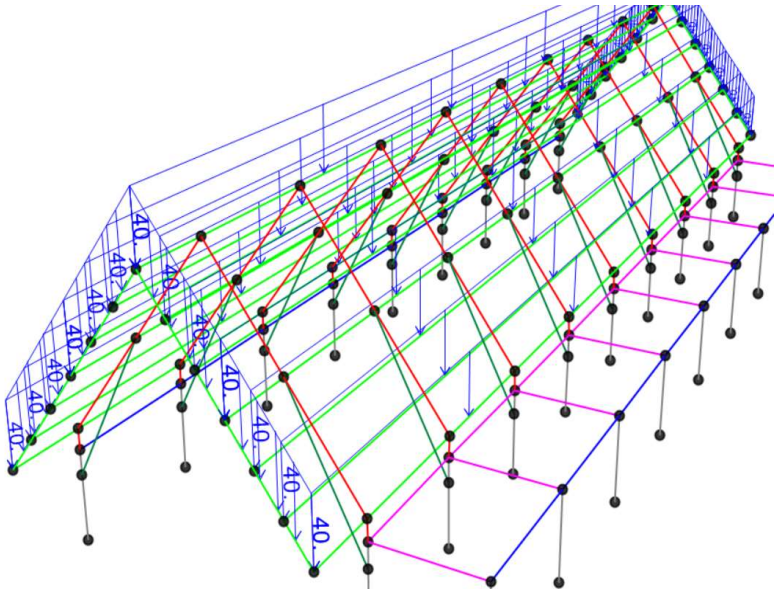
CARGAS VARIABLES		[KN/m²]	[Kgf/m²]
C. GRANIZO	NO APLICA	0.00	0
C. VIVA	Cubierta inclinada >15°	0.50	50
C. TOTAL =			90 Kg/m^2

Carga a correas de cubierta

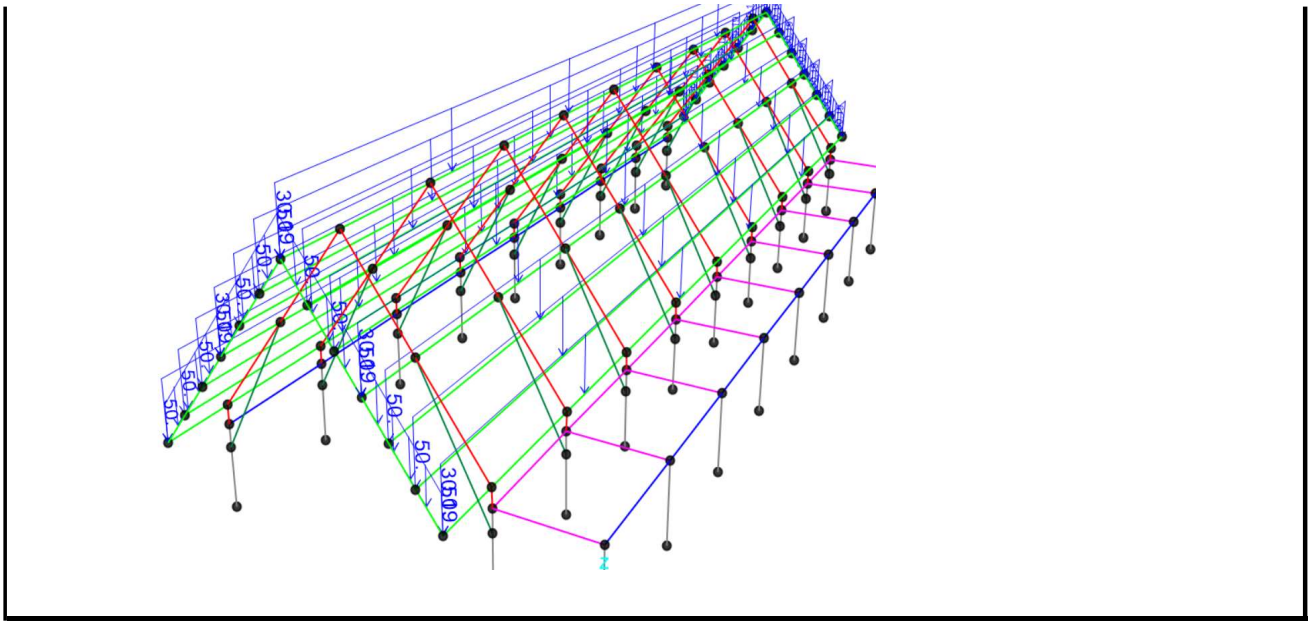
qmuerta / Vta	40	x	1.00	=	**40.0**	**Kg/m**
qViva / Vta =	50	x	1.00	=	**50.0**	**Kg/m**

Asignación de cargas

Carga muerta



Carga viva



Calculo de fuerzas de viento (Metodo analitico)

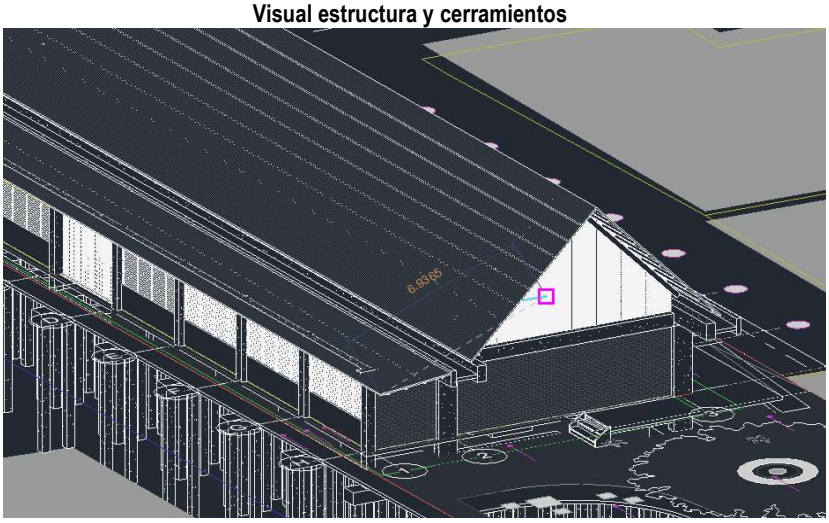
Proyecto: Casa cultural Santarosa del sur **Calculó:** Ing. Juan Hurtado

Sistema principal de resistencia al viento SPRV

Tipo de estructura=	parcialmente cerrada	Altura media cubierta=	6 m
Sistema estructural	Porticos en concreto		
Comportamiento=	Flexible		
Región eolica	3		
Velocidad viento=	28 m/s		
Región con Huracanes=	No		
Categoría de riesgo=	I		

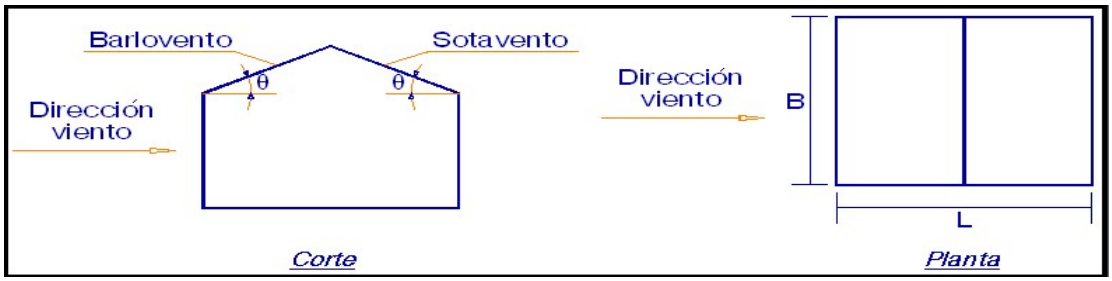
Región	Velocidad del Viento
1	17 m/s (60 km/h)
2	22 m/s (80 km/h)
3	28 m/s (100 km/h)
4	33 m/s (120 km/h)
5	36 m/s (130 km/h)

Visual estructura y cerramientos



Coeficiente importancia=	0.87	Estructura	Baja
Guss Factor=	0.85	Factor direccional Kd=	0.85
Factor topografico Kzt=	1.00	Categoria de exposición=	D
Rugosidad del terreno=	D	Coeficientes dinamico Kz=	1.08
GCpi=	0.55	Coeficientes dinamico Kh=	1.08

Geometría



Longitud en el sentido B=	11.00 m	Longitud L=	25.00 m
Pendiente de cubierta=	15	B/L=	2.27

Calculo de presiones externas

Presión por velocidad del viento

Qz=Qh 441 Qh= 441

Coeficientes de presión externa

Separación correas Cub L= 1.00 m

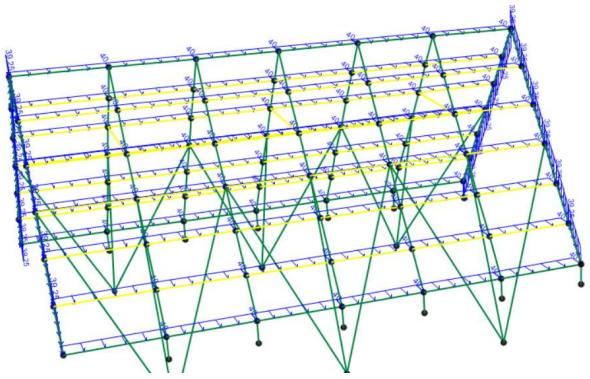
cubierta a sotavento	Cp= -0.30	P=	-355.17	-35.52	kg/m^2
Muros laterales	Cp= -0.70	P=	-505.18	-50.52	kg/m^2
cubierta a barlovento	Cp= 0.80	P=	57.36	5.74	kg/m^2
		Pmín=	400	40	kg/m^2
Altura muros laterales=	2.20 m	W muros =	-56	kg/m	

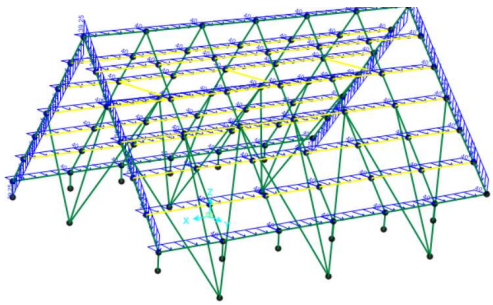
Cargas de viento por barlovento

W correa cub= 40 kg/m

Cargas de viento por sotavento

W correa cub= 40 kg/m





Análisis sísmico

Proyecto= **Casa cultural Santa Rosa del Sur** Calculo= **Ing. Juan Hurtado**

Datos de entrada del proyecto

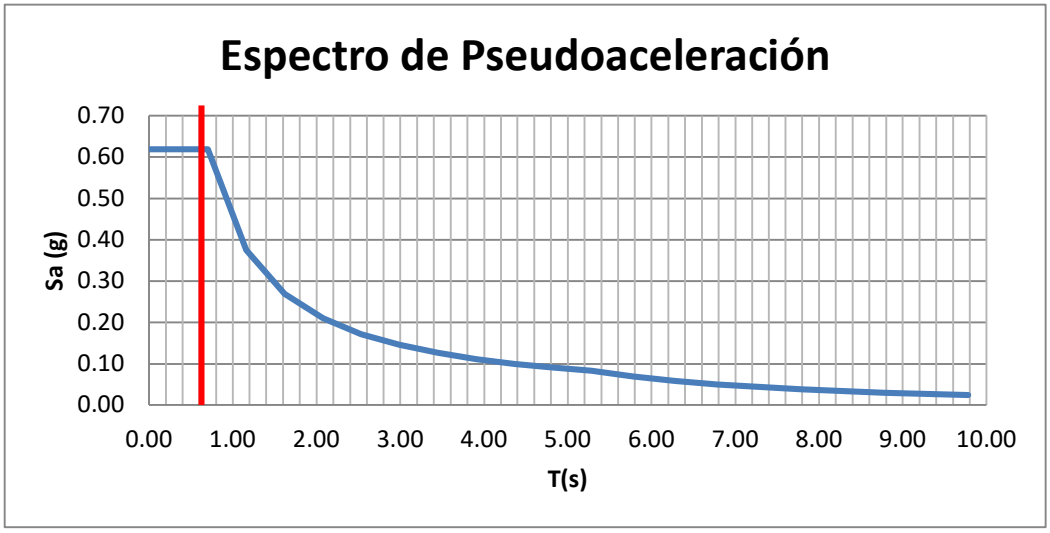
Departamento	**Bolivar**
Municipio	**Santa Rosa del Sur**
Tipo de perfil	D
H=	7.20
Grupo de uso	II
Coeficiente de importancia (I)	1.10

Parámetros de análisis sísmico

Zona	Amenaza Sísmica	Intermedia
Aa =		0.15
Av =		0.15
Fa =		**1.50**
Fv =		**2.20**
Tc =		0.70
Tl =		5.28

Sistema estructural

Sistema	PORTICOS EN CONCRETO RESISTENTE A MOMENTO		Ct	=	0.047
			&	=	0.9
Disipación Energía	DMO (MODERADO)		k	=	1.000
T=CtH^&	(A.4.2.2)	Ta =	0.28		



Análisis Fuerza horizontal

Ing. Juan David Hurtado **Fecha=** **5/20/2025**

Proyecto: Casa cultural Santa Rosa del Sur

Método de análisis por fuerza horizontal, según capitulo A.4 de la NSR-10

Ta= 0.28

Tc= 0.70

Verificación de periodo natural

	OutputCase	StepType Text	StepNum Unitless	Period Sec	Frequency Cyc/sec
▶	MODAL	Mode	1	0.177118	5.64595219...
	MODAL	Mode	2	0.157033	6.36808185...
	MODAL	Mode	3	0.153422	6.51795089...
	MODAL	Mode	4	0.132024	7.57440757...
	MODAL	Mode	5	0.131093	7.62815499...
	MODAL	Mode	6	0.121366	8.23956070...

Tx= 0.17 **37.36%**

Ty= 0.16 **43.48%**

La diferencia entre el periodo modal es y el periodo aproximado es menor al 10%, cumpliendo con la verificación del Titulo A.4

Aceleración espectral

si T<Tc	Sa=	2.5*Aa*Fa*I	Sax=	0.619	Say=	0.619
si Tc<T<Tl	Sa=	1.2*Av*Fv*I/T	Sax=		Say=	
si Tl<T	Sa=	1.2*Av*Fv*Tl*I/T^2	Sax=		Say=	

Sa= 0.62 Lx= 10.20 m

Vs= 226.52 Ly= 25.20 m

Kx= 1.00

Ky= 1.00

NIVEL	PESO (ton)	h (M)	hi ^k (M)	PESO*(hi^k) (Ton-m)	Cvx	Fx=Fy (ton)	Mx (ton-m)	My (ton-m)
N+ 0.50m	277.00	0.50	1.00	277.00	0.509	115.281	58.79	145.25
N+ 3.00m	89.10	3.00	3.00	267.29	0.491	111.242	56.73	140.16
	366.10		4.00	544.29	1.00	226.52		

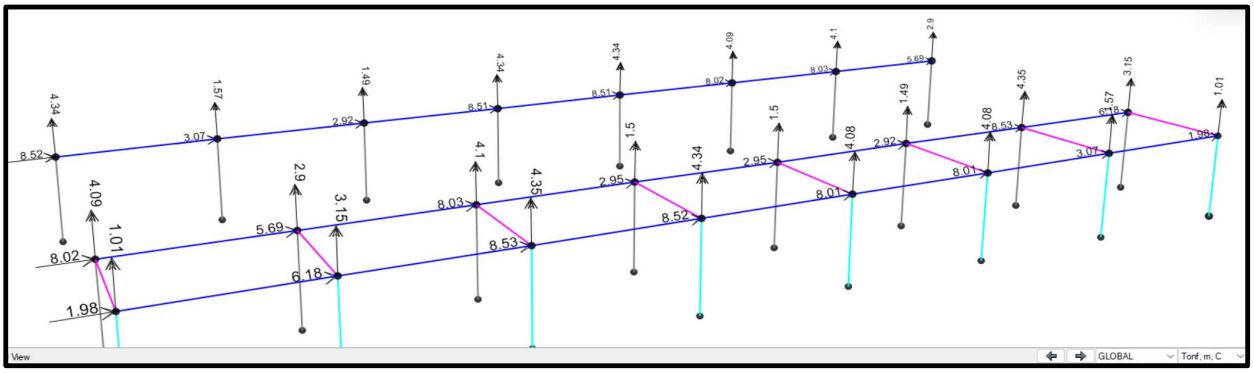
El Nivel Ne+0.50, tiene un diafragma Rigido, las fuerzas se asignan al centro de rigidez del diafragma

cubierta

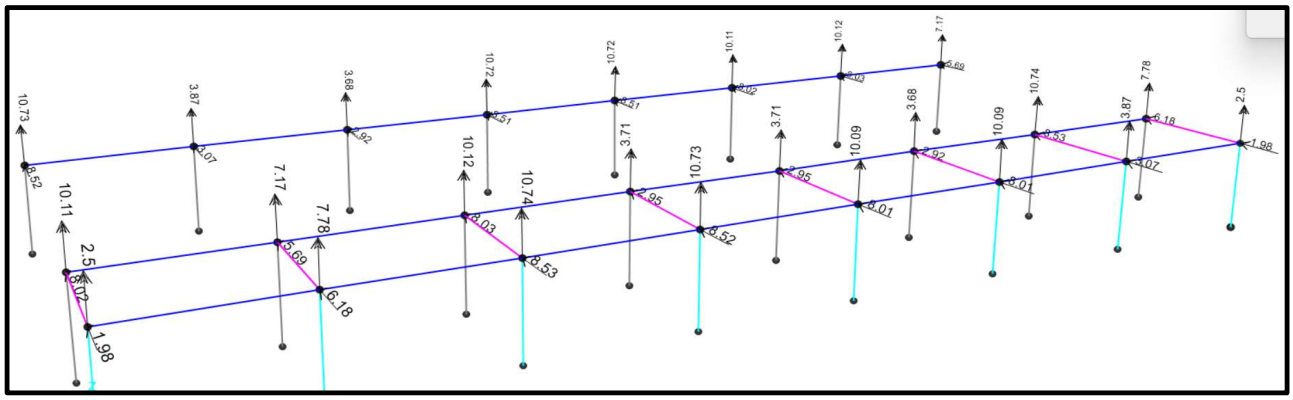
	Node cub	%Fx=%Fy	Fx	Mx	My
34	2	2%	1.81	0.92	2.28
35	4	5%	5.26	2.68	6.63
36	6	4%	4.78	2.44	6.03
43	11	2%	2.66	1.36	3.35
44	13	6%	6.67	3.40	8.41
45	15	6%	6.20	3.16	7.81
106	20	2%	2.57	1.31	3.24
107	22	6%	7.00	3.57	8.82
108	24	6%	6.53	3.33	8.22
109	29	2%	2.55	1.30	3.21
110	31	5%	5.04	2.57	6.35
111	33	4%	4.51	2.30	5.68
112	38	2%	2.55	1.30	3.21
113	40	5%	5.04	2.57	6.34
160	42	4%	4.54	2.32	5.72
161	47	2%	2.57	1.31	3.24
162	49	6%	7.00	3.57	8.82

163	51	6%	6.60	3.37	8.32
164	56	2%	2.66	1.36	3.35
165	58	6%	6.67	3.40	8.41
166	60	6%	6.19	3.16	7.80
167	65	2%	1.81	0.92	2.28
168	67	5%	5.26	2.68	6.63
169	69	4%	4.78	2.44	6.03

SISMO X



SISMO Y

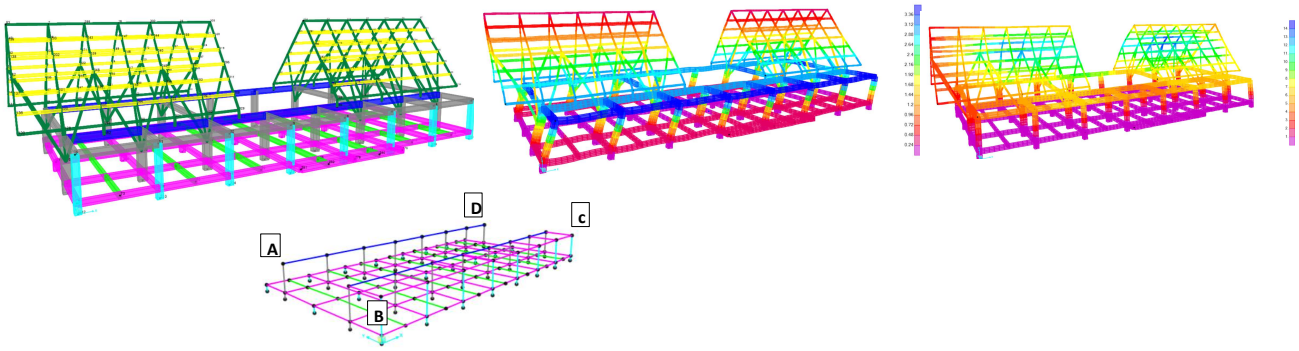


Chequeo de derivas

Fecha: 5/20/2025

Calculo: **Juan Hurtado** Proyecto: **Casa cultural Santarosadelsur**

Según capitulo A-6 de la NSR-10 **Sismo X** **Sismo Y**



Punto A

DERX_1 COMBO DERY_1

Piso	Nudo	nivel modelo	Dx (mm)	Deriva X	Deriva X %	DY (mm)	Deriva Y	Deriva Y %	Deriva Total (m)	Check
N+2.80	6	2.80	2.06	1.87	0.08%	2.94	2.69	0.12%	0.003278	Cumple
N+0.50	5	0.50	0.19	0.19	0.04%	0.25	0.25	0.05%	0.000311	Cumple
N+0.00	217	0.00	0.00			0.00				

DERX_2 COMBO DERY_2

Piso	Nudo	nivel modelo	Dx (mm)	Deriva X	Deriva X %	DY (mm)	Deriva Y	Deriva Y %	Deriva Total (m)	Check
N+2.80	6	2.8	2.07	1.88	0.08%	3.00	2.74	0.12%	0.003322	Cumple
N+0.50	5	0.5	0.19	0.19	0.04%	0.26	0.26	0.05%	0.000321	Cumple
N+0.00	217	0	0.00			0.00				

DERX_3 COMBO DERY_3

Piso	Nudo	nivel modelo	Dx (mm)	Deriva X	Deriva X %	DY (mm)	Deriva Y	Deriva Y %	Deriva Total (m)	Check
N+2.80	6	2.8	1.57	1.43	0.06%	2.34	2.13	0.09%	0.002564	Cumple
N+0.50	5	0.5	0.14	0.14	0.03%	0.21	0.21	0.04%	0.000255	Cumple
N+0.00	217	0	0.00			0.00				

Punto B

DERX_1 COMBO DERY_1

Piso	Nudo	nivel modelo	Dx (mm)	Deriva X	Deriva X %	DY (mm)	Deriva Y	Deriva Y %	Deriva Total (m)	Check
N+2.80	4	2.80	2.19	1.98	0.09%	2.89	2.65	0.12%	0.003309	Cumple
N+0.50	3	0.50	0.21	0.21	0.04%	0.25	0.25	0.05%	0.000321	Cumple
N+0.00	216	0.00	0.00			0.00				

DERX_2 COMBO DERY_2

Piso	Nudo	nivel modelo	Dx (mm)	Deriva X	Deriva X %	DY (mm)	Deriva Y	Deriva Y %	Deriva Total (m)	Check
N+2.80	4	2.8	2.20	2.00	0.09%	2.96	2.70	0.12%	0.003359	Cumple
N+0.50	3	0.5	0.21	0.21	0.04%	0.26	0.26	0.05%	0.000331	Cumple
N+0.00	216	0	0.00			0.00				

DERX_3 COMBO DERY_3

Piso	Nudo	nivel modelo	Dx (mm)	Deriva X	Deriva X %	DY (mm)	Deriva Y	Deriva Y %	Deriva Total (m)	Check
N+2.80	4	2.8	1.67	1.52	0.07%	2.32	2.11	0.09%	0.002597	Cumple
N+0.50	3	0.5	0.16	0.16	0.03%	0.21	0.21	0.04%	0.000261	Cumple
N+0.00	216	0	0.00			0.00				

Punto C

DERX_1 COMBO DERY_1

Piso	Nudo	nivel modelo	Dx (mm)	Deriva X	Deriva X %	DY (mm)	Deriva Y	Deriva Y %	Deriva Total (m)	Check
N+2.80	67	2.80	2.15	1.95	0.08%	4.79	4.46	0.19%	0.004868	Cumple
N+0.50	66	0.50	0.21	0.21	0.04%	0.33	0.33	0.07%	0.000390	Cumple
N+0.00	230	0.00	0.00			0.00				

	DERX_2				COMBO	DERY_2				
Piso	**Nudo**	**nivel modelo**	**Dx (mm)**	**Deriva X**	**Deriva X %**	**DY (mm)**	**Deriva Y**	**Deriva Y %**	**Deriva Total (m)**	**Check**
N+2.80	67	2.8	**2.14**	1.94	0.08%	**4.86**	4.51	0.20%	0.004912	**Cumple**
N+0.50	66	0.5	**0.21**	0.21	0.04%	**0.34**	0.34	0.07%	0.000401	**Cumple**
N+0.00	230	0	**0.00**			**0.00**				

	DERX_3				COMBO	DERY_3				
Piso	**Nudo**	**nivel modelo**	**Dx (mm)**	**Deriva X**	**Deriva X %**	**DY (mm)**	**Deriva Y**	**Deriva Y %**	**Deriva Total (m)**	**Check**
N+2.80	67	2.8	**1.59**	1.43	0.06%	**3.74**	3.47	0.15%	0.003750	**Cumple**
N+0.50	66	0.5	**0.16**	0.16	0.03%	**0.27**	0.27	0.05%	0.000315	**Cumple**
N+0.00	230	0	**0.00**			**0.00**				

Punto **D**

	DERX_1				COMBO	DERY_1				
Piso	**Nudo**	**nivel modelo**	**Dx (mm)**	**Deriva X**	**Deriva X %**	**DY (mm)**	**Deriva Y**	**Deriva Y %**	**Deriva Total (m)**	**Check**
N+2.80	69	2.80	**2.02**	1.83	0.08%	**4.88**	4.55	0.20%	0.004906	**Cumple**
N+0.50	68	0.50	**0.19**	0.19	0.04%	**0.33**	0.33	0.07%	0.000382	**Cumple**
N+0.00	231	0.00	**0.00**			**0.00**				

	DERX_2				COMBO	DERY_2				
Piso	**Nudo**	**nivel modelo**	**Dx (mm)**	**Deriva X**	**Deriva X %**	**DY (mm)**	**Deriva Y**	**Deriva Y %**	**Deriva Total (m)**	**Check**
N+2.80	69	2.8	**2.01**	1.82	0.08%	**4.94**	4.60	0.20%	0.004944	**Cumple**
N+0.50	68	0.5	**0.19**	0.19	0.04%	**0.34**	0.34	0.07%	0.000394	**Cumple**
N+0.00	231	0	**0.00**			**0.00**				

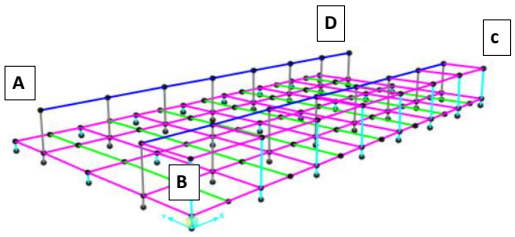
	DERX_3				COMBO	DERY_3				
Piso	**Nudo**	**nivel modelo**	**Dx (mm)**	**Deriva X**	**Deriva X %**	**DY (mm)**	**Deriva Y**	**Deriva Y %**	**Deriva Total (m)**	**Check**
N+2.80	69	2.8	**1.49**	1.35	0.06%	**3.80**	3.52	0.15%	0.003772	**Cumple**
N+0.50	68	0.5	**0.14**	0.14	0.03%	**0.27**	0.27	0.05%	0.000310	**Cumple**
N+0.00	231	0	**0.00**			**0.00**				

IRREGULARIDAD TORSIONAL

Proyecto: **Casa cultural Santarosadelsur**

Según Tabla A.3-6 de la NSR-10

Calculo: **Juan Hurtado**



COMBO DERX_1 COMBO DERY_1

	EJE: A			EJE: B				
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.70	6	2.06	2.938	4	2.19	2.89	Regular	Regular
N+0.50	5	0.19	0.245	3	0.21	0.25	Regular	Regular
N+0.00	217	0.00	0.00	216	0.00	0.00	Regular	Regular

COMBO DERX_2 COMBO DERY_2

	EJE: A			EJE: B				
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.70	6	2.07	2.997	4	2.20	2.9590	Regular	Regular
N+0.50	5	0.19	0.258	3	0.21	0.2584	Regular	Regular
N+0.00	217	0.00	0.00	216	0.00	0.00	Regular	Regular

COMBO DERX_3 COMBO DERY_3

	EJE: A			EJE: B				
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.70	6	1.57	2.339	4	1.67	2.3167	Regular	Regular
N+0.50	5	0.14	0.210	3	0.16	0.2104	Regular	Regular
N+0.00	217	0.00	0.00	216	0.00	0.00	Regular	Regular

COMBO DERX_1 COMBO DERY_1

	EJE: E			EJE: F				
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.60	69	2.02	4.881	69	2.02	4.88	Regular	Regular
N+2.60	68	0.19	0.331	68	0.19	0.33	Regular	Regular
N+0.00	231	0.00	0.00	231	0.00	0.00	Regular	Regular

COMBO DERX_2 COMBO DERY_2

	EJE: E			EJE: F				
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.60	69	2.01	4.941	69	2.01	4.9405	Regular	Regular
N+2.60	68	0.19	0.344	68	0.19	0.3442	Regular	Regular
N+0.00	231	0.00	0.00	231	0.00	0.00	Regular	Regular

COMBO DERX_3 COMBO DERY_3

	EJE: E			EJE: F				
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.60	69	1.49	3.796	69	1.49	3.7962	Regular	Regular
N+2.60	68	0.14	0.274	68	0.14	0.2744	Regular	Regular
N+0.00	231	0.00	0.00	231	0.00	0.00	Regular	Regular

COMBO	DERX_1	COMBO	DERY_1					
	EJE:	C		EJE:	D			
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.60	67	2.15	4.793	69	2.02	4.88	Regular	Regular
N+2.60	66	0.21	0.331	68	0.19	0.33	Regular	Regular
N+0.00	230	0.00	0.00	231	0.00	0.00	Regular	Regular

COMBO	DERX_2	COMBO	DERY_2					
	EJE:	C		EJE:	D			
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.60	67	2.14	4.859	69	2.01	4.9405	Regular	Regular
N+2.60	66	0.21	0.344	68	0.19	0.3442	Regular	Regular
N+0.00	230	0.00	0.00	231	0.00	0.00	Regular	Regular

COMBO	DERX_3	COMBO	DERY_3					
	EJE:	C		EJE:	D			
Piso	**Nudo**	**Dx (mm)**	**DY (mm)**	**Nudo**	**Dx (mm)**	**DY (mm)**	**CHEQUEO DX**	**CHEQUEO DY**
N+2.60	67	1.59	3.740	69	1.49	3.7962	Regular	Regular
N+2.60	66	0.16	0.274	68	0.14	0.2744	Regular	Regular
N+0.00	230	0.00	0.00	231	0.00	0.00	Regular	Regular

Chequeo de irregularidades

Proyecto: **Casa cultural**
Calculó: Ing. Juan Hurtado Fecha: 5/20/2025

Sistema Estructural Sentido X: Porticos en concreto DMO | RoX= 5.00

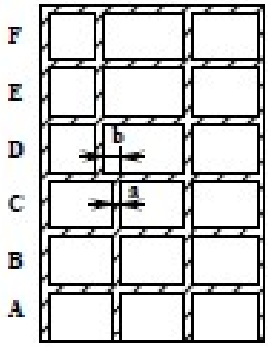
Sistema Estructural Sentido Y: Porticos en concreto DMO | RoY= 5.00

Resumen							
		ϕpX=	1.00	ϕrX=	1.00	**Rx=**	**5.00**
ϕa=	1.00	ϕpY=	1.00	ϕrY=	0.75	**Ry=**	**3.75**

Chequeo de irregularidad en Altura

Tabla A.3-6 de NSR-10

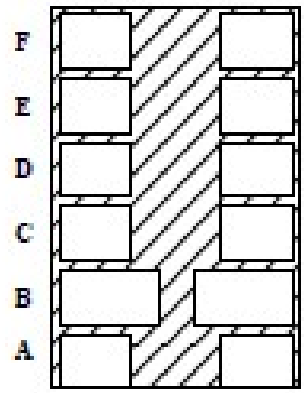
1. Tipo 4A-Desplazamiento dentro del plano de acción



Hay tipo 4A? NO

ϕa= 1.00

2. Tipo 5aA-Piso débil y piso extremo débil



Hay piso débil? NO Extremo? NO

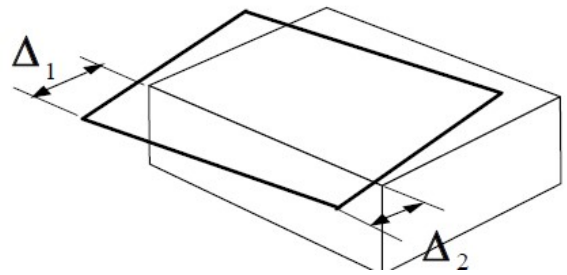
ϕa= 1.00

Factor de reducción en planta

ϕa= **1.00**

Chequeo de irregularidad en Altura
Tabla A.3-6 de NSR-10
Chequeo de irregularidad en Altura
Tabla A.3-6 de NSR-10

1. Tipo 1P- Irregularidad Torsional tipo 1P

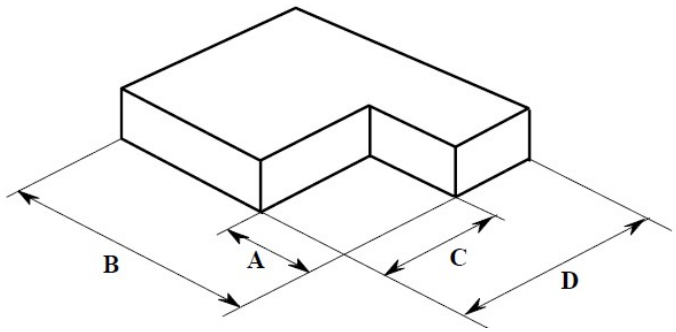


Según análisis de derivas

En X? NO Extrema? NO
En Y? NO Extrema? NO

ϕ_{pX}= 1.00
ϕ_{pY}= 1.00

2. Tipo 2P-Retrocesos en las esquinas



A= 0.00 m
B= 0.00 m
C= 0.00 m
D= 0.00 m

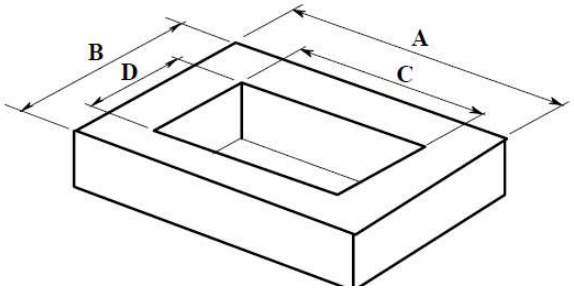
$A > 0.15B$? NO

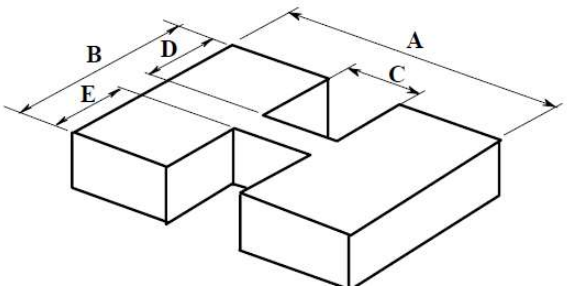
Y

$C > 0.15D$? NO

ϕ_p= 1

3. Tipo 3P-Irregularidad en el diafragma





A= 0.00 m
B= 0.00 m
C= 0.00 m
D= 0.00 m
E= 0.00 m

$Caso\ 1\ C\ x\ D > 0.5\ A\ x\ B$? NO

O

Caso 2 (C x D + C x E) $> 0.5\ A\ x\ B$?

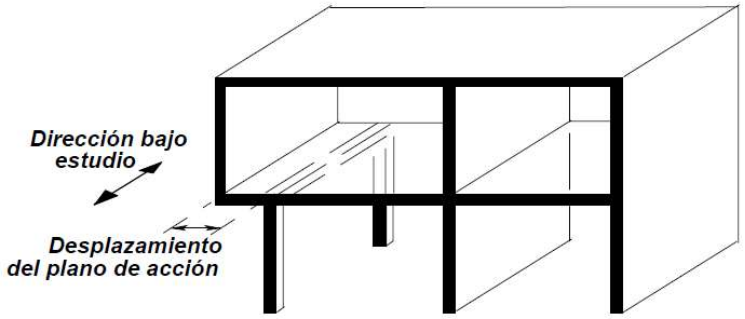
Caso 1

ϕ_p= 1.0

Chequeo de irregularidad en Altura

Tabla A.3-6 de NSR-10

4. Tipo 4P-Desplazamiento en los planos de acción

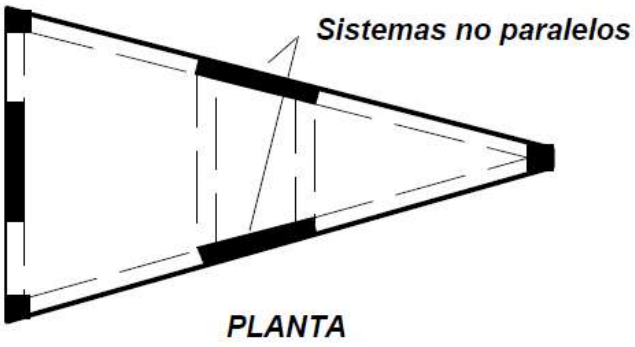


En X? NO

En Y? NO

ϕ_{pX}= 1.00
ϕ_{pY}= 1.00

5. Tipo 5P-Sistemas no paraleros



Sistemas no paralelos? NO

ϕ_p= 1.00

FACTOR DE REDUCCIÓN EN PLANTA

ϕ_{pX}= 1.00
ϕ_{pY}= 1.00

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	SymType	TempDepend	Color	GUID
3500Psi	Concrete	f'c 3500 psi	Isotropic	No	Magenta	f64e019b-0660-495e-b1fc-86630123d4ca
4000Psi	Concrete	f'c 4000 psi	Isotropic	No	Magenta	889ee93d-94a6-48a0-ba06-9aa756994327
A416Gr270	Tendon	Grade 270	Uniaxial	No	Red	1a8d8a35-9dee-4498-ae09-f401a0dc0b17
A500GrC	Steel	Grade C	Isotropic	No	Gray8Dark	457b1d27-f166-4efe-a1be-589a2f81e4f5
A572Gr50	Steel	Grade 50	Isotropic	No	Cyan	c31afe2d-f3a3-4ae3-aa37-63c0cd0be33e
A615Gr60	Rebar	Grade 60	Uniaxial	No	Gray8Dark	a50cfa90-3ace-4d7e-ab0f-2f566df3cb18
A992Fy50	Steel	Grade 50	Isotropic	No	Red	
Mampuesto	Other		Isotropic	No	Gray8Dark	8bb3b1b4-399e-470c-bc90-b44a30e34a41
mampuesto roca	Other		Isotropic	No	Gray8Dark	cc07e5a7-8344-4812-ad6c-8276ddca6fa3
pinoPatula	Other		Isotropic	No	Red	e8a1a825-04f7-462c-b5b5-36c6c066e467
Sapan ES2	Other		Isotropic	No	Red	73349340-e6eb-4d79-a54c-5c356d691930

Table: Load Pattern Definitions, Part 1 of 2

Table: Load Pattern Definitions, Part 1 of 2

LoadPat	DesignType	SelfWtMult	AutoLoad	NotBasePat	NotRatio	NotDir	GUID
DEAD	Dead	1.					244f4045-bec8-43b9-940f-a18b3e73aa2c
live	Live	0.					39527e46-7d02-4345-a236-aa27d43e0055
SX	Quake	0.	USER LOADS				0e322e1f-324e-4702-adf9-3883a6329514
SY	Quake	0.	USER LOADS				d0a39823-779b-475e-8132-076cb7b26346
w1	Wind	0.	USER				a7ddadbf-f28e-4900-875b-94fa04e33b88
w2	Wind	0.	USER				865ab961-95d4-49bc-80a2-99b011fa8b2a

Table: Frame Section Properties 01 - General, Part 1 of 8

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	AutoType	t3	t2	SngAngWid
				m	m	m
C30x30	4000Psi	Rectangular		0.3	0.3	
C30x30-1	4000Psi	Rectangular		0.3	0.3	
C30x45	4000Psi	Rectangular		0.45	0.3	
ES2 3X6"	Sapan ES2	Rectangular		0.1524	0.0762	
P-150 -12	A500GrC	Channel		0.15	0.05	

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	AutoType	t3	t2	SngAngWid
				m	m	m
PERLIN 2P-154-64-3.0	A500GrC	Box/Tube		0.154	0.128	
PTEC100X200X4	A500GrC	Box/Tube		0.2	0.1	
tube 60x120x3	A500GrC	Box/Tube		0.12	0.06	
V25X30	4000Psi	Rectangular		0.3	0.25	
v25x35	4000Psi	Rectangular		0.35	0.25	
V30X40	4000Psi	Rectangular		0.4	0.3	
v30x65	4000Psi	Rectangular		0.65	0.3	
VT15x30	4000Psi	Rectangular		0.3	0.15	

Table: Frame Section Properties 01 - General, Part 2 of 8

Table: Frame Section Properties 01 - General, Part 2 of 8

SectionName	SngChnWid	tf	tw	t2b	tfb	dis	FilletRadius
	m	m	m	m	m	m	m
C30x30							
C30x30-1							
C30x45							
ES2 3X6"							
P-150 -12		0.0025	0.0025				0.
PERLIN 2P-154-64-3.0		0.003	0.003				0.
PTEC100X200X4		0.004	0.004				0.
tube 60x120x3		0.003	0.003				0.
V25X30							
v25x35							
V30X40							
v30x65							
VT15x30							

Table: Frame Section Properties 01 - General, Part 3 of 8

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	Radius	LipDepth	LipAngle	Area	TorsConst	I33	I22
	m	m	Degrees	m2	m4	m4	m4
C30x30				0.09	0.001141	0.000675	0.000675
C30x30-1				0.09	0.001141	0.000675	0.000675
C30x45				0.135	0.002377	0.002278	0.001013
ES2 3X6"				0.011613	0.000015	0.000022	5.619E-06
P-150 -12				0.000613	1.251E-09	1.995E-06	1.357E-07
PERLIN 2P-154-64-3.0				0.001656	7.745E-06	5.999E-06	4.518E-06
PTEC100X200X4				0.002336	9.700E-06	0.000012	4.208E-06
tube 60x120x3				0.001044	1.534E-06	1.973E-06	6.641E-07
V25X30				0.075	0.000775	0.000563	0.000391
v25x35				0.0875	0.00102	0.000893	0.000456
V30X40				0.12	0.001944	0.0016	0.0009
v30x65				0.195	0.004155	0.006866	0.001463
VT15x30				0.045	0.000232	0.000338	0.000084

Table: Frame Section Properties 01 - General, Part 4 of 8

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	I23	AS2	AS3	S33	S22	Z33	Z22
	m4	m2	m2	m3	m3	m3	m3
C30x30	0.	0.075	0.075	0.0045	0.0045	0.00675	0.00675
C30x30-1	0.	0.075	0.075	0.0045	0.0045	0.00675	0.00675
C30x45	0.	0.1125	0.1125	0.010125	0.00675	0.015188	0.010125
ES2 3X6"	0.	0.009677	0.009677	0.000295	0.000147	0.000442	0.000221
P-150 -12	0.	0.000375	0.00025	0.000027	3.475E-06	0.000032	6.078E-06
PERLIN 2P-154-64-3.0	0.	0.000924	0.000768	0.000078	0.000071	0.000091	0.00008
PTEC100X200X4	0.	0.0016	0.0008	0.000124	0.000084	0.000152	0.000094
tube 60x120x3	0.	0.00072	0.00036	0.000033	0.000022	0.000041	0.000025
V25X30	0.	0.0625	0.0625	0.00375	0.003125	0.005625	0.004688
v25x35	0.	0.072917	0.072917	0.005104	0.003646	0.007656	0.005469
V30X40	0.	0.1	0.1	0.008	0.006	0.012	0.009
v30x65	0.	0.1625	0.1625	0.021125	0.00975	0.031688	0.014625
VT15x30	0.	0.0375	0.0375	0.00225	0.001125	0.003375	0.001688

Table: Frame Section Properties 01 - General, Part 5 of 8

Table: Frame Section Properties 01 - General, Part 5 of 8

SectionName	R33	R22	EccV2	ConcCol	ConcBeam	Color	TotalWt
	m	m	m				Tonf
C30x30	0.086603	0.086603		Yes	No	Cyan	4.671
C30x30-1	0.086603	0.086603		No	Yes	Magenta	0.865
C30x45	0.129904	0.086603		Yes	No	Gray8Dark	14.013
ES2 3X6"	0.043994	0.021997		No	No	Magenta	0.
P-150 -12	0.057072	0.014886	0.025881	No	No	Yellow	1.0673
PERLIN 2P-154-64-3.0	0.060189	0.052233		No	No	Green	0.
PTEC100X200X4	0.072866	0.042441		No	No	Red	0.
tube 60x120x3	0.043473	0.025221		No	No	4227072	3.4644
V25X30	0.086603	0.072169		No	Yes	Magenta	41.3487
v25x35	0.101036	0.072169		No	Yes	Gray8Dark	16.1466
V30X40	0.11547	0.086603		No	Yes	Blue	14.532
v30x65	0.187639	0.086603		No	Yes	Green	0.
VT15x30	0.086603	0.043301		No	Yes	Green	9.0419

Table: Frame Section Properties 01 - General, Part 6 of 8

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	TotalMass	FromFile	AMod	A2Mod	A3Mod	JMod	I2Mod
	Tonf-s2/m						
C30x30	0.48	No	1.	1.	1.	1.	1.
C30x30-1	8.821E-02	No	1.	1.	1.	1.	1.
C30x45	1.43	No	1.	1.	1.	1.	1.
ES2 3X6"	0.	No	1.	1.	1.	1.	1.
P-150 -12	0.11	No	1.	1.	1.	1.	1.
PERLIN 2P-154-64-3.0	0.	No	1.	1.	1.	1.	1.
PTEC100X200X4	0.	No	1.	1.	1.	1.	1.
tube 60x120x3	0.35	No	1.	1.	1.	1.	1.
V25X30	4.22	No	1.	1.	1.	1.	1.
v25x35	1.65	No	1.	1.	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	TotalMass	FromFile	AMod	A2Mod	A3Mod	JMod	I2Mod
	Tonf-s2/m						
V30X40	1.48	No	1.	1.	1.	1.	1.
v30x65	0.	No	1.	1.	1.	1.	1.
VT15x30	0.92	No	1.	1.	1.	1.	1.

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
216	Yes	Yes	Yes	Yes	Yes	Yes
217	Yes	Yes	Yes	Yes	Yes	Yes
218	Yes	Yes	Yes	Yes	Yes	Yes
219	Yes	Yes	Yes	Yes	Yes	Yes
220	Yes	Yes	Yes	Yes	Yes	Yes
221	Yes	Yes	Yes	Yes	Yes	Yes
222	Yes	Yes	Yes	Yes	Yes	Yes
223	Yes	Yes	Yes	Yes	Yes	Yes
224	Yes	Yes	Yes	Yes	Yes	Yes
225	Yes	Yes	Yes	Yes	Yes	Yes
226	Yes	Yes	Yes	Yes	Yes	Yes
227	Yes	Yes	Yes	Yes	Yes	Yes
228	Yes	Yes	Yes	Yes	Yes	Yes
229	Yes	Yes	Yes	Yes	Yes	Yes
230	Yes	Yes	Yes	Yes	Yes	Yes
231	Yes	Yes	Yes	Yes	Yes	Yes
232	Yes	Yes	Yes	Yes	Yes	Yes
233	Yes	Yes	Yes	Yes	Yes	Yes
234	Yes	Yes	Yes	Yes	Yes	Yes
235	Yes	Yes	Yes	Yes	Yes	Yes
236	Yes	Yes	Yes	Yes	Yes	Yes
237	Yes	Yes	Yes	Yes	Yes	Yes
238	Yes	Yes	Yes	Yes	Yes	Yes
239	Yes	Yes	Yes	Yes	Yes	Yes
255	Yes	Yes	Yes	Yes	Yes	Yes
256	Yes	Yes	Yes	Yes	Yes	Yes
257	Yes	Yes	Yes	Yes	Yes	Yes
258	Yes	Yes	Yes	Yes	Yes	Yes
259	Yes	Yes	Yes	Yes	Yes	Yes
260	Yes	Yes	Yes	Yes	Yes	Yes
261	Yes	Yes	Yes	Yes	Yes	Yes
262	Yes	Yes	Yes	Yes	Yes	Yes

Table: Joint Constraint Assignments

Table: Joint Constraint Assignments

Joint	Constraint	Type
1	DIAPH2	Diaphragm
3	DIAPH2	Diaphragm
5	DIAPH2	Diaphragm
10	DIAPH2	Diaphragm
12	DIAPH2	Diaphragm
14	DIAPH2	Diaphragm

Table: Joint Constraint Assignments

Joint	Constraint	Type
19	DIAPH2	Diaphragm
21	DIAPH2	Diaphragm
23	DIAPH2	Diaphragm
28	DIAPH2	Diaphragm
30	DIAPH2	Diaphragm
32	DIAPH2	Diaphragm
37	DIAPH2	Diaphragm
39	DIAPH2	Diaphragm
41	DIAPH2	Diaphragm
46	DIAPH2	Diaphragm
48	DIAPH2	Diaphragm
50	DIAPH2	Diaphragm
55	DIAPH2	Diaphragm
57	DIAPH2	Diaphragm
59	DIAPH2	Diaphragm
64	DIAPH2	Diaphragm
66	DIAPH2	Diaphragm
68	DIAPH2	Diaphragm
73	DIAPH2	Diaphragm
74	DIAPH2	Diaphragm
75	DIAPH2	Diaphragm
76	DIAPH2	Diaphragm
77	DIAPH2	Diaphragm
78	DIAPH2	Diaphragm
79	DIAPH2	Diaphragm
80	DIAPH2	Diaphragm
81	DIAPH2	Diaphragm
126	DIAPH2	Diaphragm
127	DIAPH2	Diaphragm
132	DIAPH2	Diaphragm
133	DIAPH2	Diaphragm
208	DIAPH2	Diaphragm
209	DIAPH2	Diaphragm
210	DIAPH2	Diaphragm
211	DIAPH2	Diaphragm
212	DIAPH2	Diaphragm
213	DIAPH2	Diaphragm
214	DIAPH2	Diaphragm
215	DIAPH2	Diaphragm

Table: Joint Loads - Force, Part 1 of 2

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1	F2	F3	M1	M2
			Tonf	Tonf	Tonf	Tonf-m	Tonf-m
2	SX	GLOBAL	1.8079	0.	0.	0.	0.
2	SY	GLOBAL	0.	1.8079	0.	0.	0.
4	SX	GLOBAL	5.2587	0.	0.	0.	0.
4	SY	GLOBAL	0.	5.2587	0.	0.	0.
6	SX	GLOBAL	4.7823	0.	0.	0.	0.
6	SY	GLOBAL	0.	4.7823	0.	0.	0.
11	SX	GLOBAL	2.6599	0.	0.	0.	0.
11	SY	GLOBAL	0.	2.6599	0.	0.	0.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1	F2	F3	M1	M2
			Tonf	Tonf	Tonf	Tonf-m	Tonf-m
13	SX	GLOBAL	6.6744	0.	0.	0.	0.
13	SY	GLOBAL	0.	6.6744	0.	0.	0.
15	SX	GLOBAL	6.1964	0.	0.	0.	0.
15	SY	GLOBAL	0.	6.1964	0.	0.	0.
20	SX	GLOBAL	2.5725	0.	0.	0.	0.
20	SY	GLOBAL	0.	2.5725	0.	0.	0.
22	SX	GLOBAL	7.0007	0.	0.	0.	0.
22	SY	GLOBAL	0.	7.0007	0.	0.	0.
24	SX	GLOBAL	6.5258	0.	0.	0.	0.
24	SY	GLOBAL	0.	6.5258	0.	0.	0.
29	SX	GLOBAL	2.5455	0.	0.	0.	0.
29	SY	GLOBAL	0.	2.5455	0.	0.	0.
31	SX	GLOBAL	5.036	0.	0.	0.	0.
31	SY	GLOBAL	0.	5.036	0.	0.	0.
33	SX	GLOBAL	4.5102	0.	0.	0.	0.
33	SY	GLOBAL	0.	4.5102	0.	0.	0.
38	SX	GLOBAL	2.5455	0.	0.	0.	0.
38	SY	GLOBAL	0.	2.5455	0.	0.	0.
40	SX	GLOBAL	5.0357	0.	0.	0.	0.
40	SY	GLOBAL	0.	5.0357	0.	0.	0.
42	SX	GLOBAL	4.5398	0.	0.	0.	0.
42	SY	GLOBAL	0.	4.5398	0.	0.	0.
47	SX	GLOBAL	2.5725	0.	0.	0.	0.
47	SY	GLOBAL	0.	2.5725	0.	0.	0.
49	SX	GLOBAL	7.0008	0.	0.	0.	0.
49	SY	GLOBAL	0.	7.0008	0.	0.	0.
51	SX	GLOBAL	6.6009	0.	0.	0.	0.
51	SY	GLOBAL	0.	6.6009	0.	0.	0.
56	SX	GLOBAL	2.6599	0.	0.	0.	0.
56	SY	GLOBAL	0.	2.6599	0.	0.	0.
58	SX	GLOBAL	6.6744	0.	0.	0.	0.
58	SY	GLOBAL	0.	6.6744	0.	0.	0.
60	SX	GLOBAL	6.1932	0.	0.	0.	0.
60	SY	GLOBAL	0.	6.1932	0.	0.	0.
65	SX	GLOBAL	1.8079	0.	0.	0.	0.
65	SY	GLOBAL	0.	1.8079	0.	0.	0.
67	SX	GLOBAL	5.2586	0.	0.	0.	0.
67	SY	GLOBAL	0.	5.2586	0.	0.	0.
69	SX	GLOBAL	4.7824	0.	0.	0.	0.
69	SY	GLOBAL	0.	4.7824	0.	0.	0.

Table: Joint Loads - Force, Part 2 of 2

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3	GUID
		Tonf-m	
2	SX	0.92202	85212280-608e-47ba-8e69-5f4f9df56ced
2	SY	2.27793	907e0095-28ab-4b79-9293-d092f6c9f06e
4	SX	2.68194	4c873a9b-eb67-4ca6-82ec-2af61a9c156e
4	SY	6.62596	b9f93a52-5150-44c4-a9e8-c17b6358b58c

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3	GUID
		Tonf-m	
6	SX	2.43895	d7714c18-6bfa-472d-a158-b2409c466a36
6	SY	6.02565	c5cc0e25-e5b7-4c16-89a0-0e46d23e3d21
11	SX	1.35654	72ca8e46-7c72-4836-92e4-9c522fb88bff
11	SY	3.35145	6f411ca7-6242-47b7-acb5-390849424dff
13	SX	3.40395	2c57e7bb-5ff4-41d2-886c-02a32edb3af5
13	SY	8.40976	cff679dd-1b39-4d52-b9bd-9eb459ab223f
15	SX	3.16014	1e9f7d10-ac63-4a21-8895-6845f1d9a8da
15	SY	7.8074	30d65bc3-5063-4b5a-94c1-84c0c543fd5d
20	SX	1.31196	f5f55954-e250-4906-89ce-f880a272d6bf
20	SY	3.24133	e32214d9-635b-4e96-9a59-32996a06acf3
22	SX	3.57034	c9250a03-42ef-43b4-b1f9-b89565785f5e
22	SY	8.82083	9ab5f9ea-256e-4535-aed0-b0d892f95d7b
24	SX	3.32818	d212f586-1407-4c1e-bfb9-0c7385b5875c
24	SY	8.22256	153986dd-4fb5-4be9-b307-15ba5078987b
29	SX	1.29821	aaaf1086-52a4-4b07-9d42-6bac89942d65
29	SY	3.20735	e4b6de16-4ed0-4b49-896a-627827c4b267
31	SX	2.56834	74d99b56-aa6d-4cd7-93d3-014fdba7f3fe
31	SY	6.34531	de9983c2-4a3c-41c2-8e53-0fece1419e10
33	SX	2.3002	fe3ecbcb-7efa-4151-98f7-b27774524b70
33	SY	5.68286	f9715ba2-8cea-4083-b450-af018e9368d8
38	SX	1.29821	3246f1df-da86-46f9-8e76-6bfefb8dc5f2
38	SY	3.20735	174dda54-23e3-48d8-bb08-6057f84e79db
40	SX	2.56821	107e980b-9b0a-4384-827b-86181851ed90
40	SY	6.345	479f514e-45fb-458e-99f0-3f9bacca9390
42	SX	2.3153	387a2244-26c9-4f5c-8f8e-a8e078d713f7
42	SY	5.72014	f00731a2-f3c1-4d1a-b999-f52780492302
47	SX	1.31196	e310aa89-a4b5-4fdf-bcba-2e71dbcd4dd4
47	SY	3.24133	ed1e320b-4cae-4e6f-8f10-0726bae5a62d
49	SX	3.5704	6b00b1c8-c054-4593-aa6c-193aca7cd6fa
49	SY	8.82099	d70df089-c0fa-40db-b193-d6da36b4606a

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3	GUID
		Tonf-m	
51	SX	3.36645	f2f6a923-3568-449e-a6bc-8f2e4cb3bf51
51	SY	8.3171	c4ff6363-b046-41bd-b795-2a20f8acd2ea
56	SX	1.35654	bcd7c138-515a-4ea9-b3d7-26f1ac280aae
56	SY	3.35145	f126100c-a1d6-4d0b-a1ea-86ba4ddeb4de
58	SX	3.40395	a29901cc-9254-480e-8881-b816fe445088
58	SY	8.40976	8ef7da29-bd38-4156-a3c6-9207eecca5b6
60	SX	3.15855	2c5114c5-ef8d-4180-b209-81ebb7cce751
60	SY	7.80347	958fa3d6-dce2-45fb-bd41-cfc1366feb1d
65	SX	0.92202	ee73df3c-1f73-4b90-88f2-f7f1f7fbafdd
65	SY	2.27793	efaec7a1-dc20-48ca-802e-901d7390132e
67	SX	2.68187	c8b2b43f-c7da-4678-aa84-bdc97f12cb9d
67	SY	6.62581	71cafff6-5143-4918-8a45-bef0e021f713
69	SX	2.43902	22a1c4bf-a50c-4dea-bf51-9e34dabf68f8
69	SY	6.02581	0f3d7ac8-e8e5-408b-b1b6-c2ebce666bb7

Table: Frame Section Assignments, Part 1 of 2

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Rectangular	N.A.	C30x30	C30x30	Default
2	Rectangular	N.A.	C30x45	C30x45	Default
3	Rectangular	N.A.	C30x45	C30x45	Default
4	Rectangular	N.A.	v25x35	v25x35	Default
5	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
6	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
7	Rectangular	N.A.	C30x30	C30x30	Default
8	Rectangular	N.A.	C30x45	C30x45	Default
9	Rectangular	N.A.	C30x45	C30x45	Default
10	Rectangular	N.A.	v25x35	v25x35	Default
11	Rectangular	N.A.	V25X30	V25X30	Default
13	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
14	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
15	Rectangular	N.A.	C30x30	C30x30	Default
16	Rectangular	N.A.	C30x45	C30x45	Default
17	Rectangular	N.A.	C30x45	C30x45	Default
18	Rectangular	N.A.	v25x35	v25x35	Default
21	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
22	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
23	Rectangular	N.A.	C30x30	C30x30	Default
24	Rectangular	N.A.	C30x45	C30x45	Default
25	Rectangular	N.A.	C30x45	C30x45	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
26	Rectangular	N.A.	v25x35	v25x35	Default
27	Rectangular	N.A.	v25x35	v25x35	Default
29	Rectangular	N.A.	v25x35	v25x35	Default
30	Rectangular	N.A.	v25x35	v25x35	Default
31	Rectangular	N.A.	C30x30	C30x30	Default
32	Rectangular	N.A.	C30x45	C30x45	Default
33	Rectangular	N.A.	C30x45	C30x45	Default
34	Rectangular	N.A.	v25x35	v25x35	Default
35	Rectangular	N.A.	V25X30	V25X30	Default
36	Rectangular	N.A.	v25x35	v25x35	Default
39	Rectangular	N.A.	C30x30	C30x30	Default
40	Rectangular	N.A.	C30x45	C30x45	Default
41	Rectangular	N.A.	C30x45	C30x45	Default
42	Rectangular	N.A.	v25x35	v25x35	Default
45	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
46	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
47	Rectangular	N.A.	C30x30	C30x30	Default
48	Rectangular	N.A.	C30x45	C30x45	Default
49	Rectangular	N.A.	C30x45	C30x45	Default
50	Rectangular	N.A.	v25x35	v25x35	Default
51	Rectangular	N.A.	V25X30	V25X30	Default
52	Rectangular	N.A.	V25X30	V25X30	Default
53	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
54	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
55	Rectangular	N.A.	C30x30	C30x30	Default
56	Rectangular	N.A.	C30x45	C30x45	Default
57	Rectangular	N.A.	C30x45	C30x45	Default
58	Rectangular	N.A.	v25x35	v25x35	Default
59	Rectangular	N.A.	V25X30	V25X30	Default
60	Rectangular	N.A.	V25X30	V25X30	Default
61	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
62	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
63	Rectangular	N.A.	V25X30	V25X30	Default
64	Rectangular	N.A.	V25X30	V25X30	Default
65	Rectangular	N.A.	V25X30	V25X30	Default
66	Rectangular	N.A.	V25X30	V25X30	Default
67	Rectangular	N.A.	V25X30	V25X30	Default
68	Rectangular	N.A.	V25X30	V25X30	Default
69	Rectangular	N.A.	v25x35	v25x35	Default
70	Rectangular	N.A.	v25x35	v25x35	Default
71	Rectangular	N.A.	v25x35	v25x35	Default
72	Rectangular	N.A.	v25x35	v25x35	Default
73	Rectangular	N.A.	v25x35	v25x35	Default
74	Rectangular	N.A.	v25x35	v25x35	Default
75	Rectangular	N.A.	v25x35	v25x35	Default
76	Rectangular	N.A.	V25X30	V25X30	Default
77	Rectangular	N.A.	V30X40	V30X40	Default
78	Rectangular	N.A.	V30X40	V30X40	Default
79	Rectangular	N.A.	V30X40	V30X40	Default
80	Rectangular	N.A.	V30X40	V30X40	Default
81	Rectangular	N.A.	V30X40	V30X40	Default
82	Rectangular	N.A.	V30X40	V30X40	Default
83	Rectangular	N.A.	V30X40	V30X40	Default
84	Rectangular	N.A.	V25X30	V25X30	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
85	Rectangular	N.A.	V30X40	V30X40	Default
86	Rectangular	N.A.	V30X40	V30X40	Default
87	Rectangular	N.A.	V30X40	V30X40	Default
88	Rectangular	N.A.	V30X40	V30X40	Default
89	Rectangular	N.A.	V30X40	V30X40	Default
90	Rectangular	N.A.	V30X40	V30X40	Default
91	Rectangular	N.A.	V30X40	V30X40	Default
92	Rectangular	N.A.	V25X30	V25X30	Default
93	Rectangular	N.A.	V25X30	V25X30	Default
94	Rectangular	N.A.	V25X30	V25X30	Default
95	Rectangular	N.A.	V25X30	V25X30	Default
96	Rectangular	N.A.	V25X30	V25X30	Default
97	Rectangular	N.A.	V25X30	V25X30	Default
98	Rectangular	N.A.	V25X30	V25X30	Default
99	Rectangular	N.A.	V25X30	V25X30	Default
100	Rectangular	N.A.	V25X30	V25X30	Default
101	Rectangular	N.A.	V25X30	V25X30	Default
102	Rectangular	N.A.	V25X30	V25X30	Default
103	Rectangular	N.A.	V25X30	V25X30	Default
104	Rectangular	N.A.	V25X30	V25X30	Default
105	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
106	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
107	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
108	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
109	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
110	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
111	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
112	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
113	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
114	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
115	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
116	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
117	Rectangular	N.A.	V25X30	V25X30	Default
118	Rectangular	N.A.	V25X30	V25X30	Default
119	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
120	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
121	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
122	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
123	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
124	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
129	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
130	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
131	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
132	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
133	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
134	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
135	Rectangular	N.A.	V25X30	V25X30	Default
136	Rectangular	N.A.	V25X30	V25X30	Default
137	Rectangular	N.A.	V25X30	V25X30	Default
138	Rectangular	N.A.	V25X30	V25X30	Default
139	Rectangular	N.A.	V25X30	V25X30	Default
140	Rectangular	N.A.	V25X30	V25X30	Default
141	Rectangular	N.A.	V25X30	V25X30	Default
142	Rectangular	N.A.	V25X30	V25X30	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
143	Rectangular	N.A.	VT15x30	VT15x30	Default
144	Rectangular	N.A.	V25X30	V25X30	Default
145	Rectangular	N.A.	VT15x30	VT15x30	Default
146	Rectangular	N.A.	V25X30	V25X30	Default
147	Rectangular	N.A.	VT15x30	VT15x30	Default
149	Rectangular	N.A.	V25X30	V25X30	Default
150	Rectangular	N.A.	VT15x30	VT15x30	Default
151	Rectangular	N.A.	V25X30	V25X30	Default
152	Rectangular	N.A.	VT15x30	VT15x30	Default
153	Rectangular	N.A.	V25X30	V25X30	Default
155	Rectangular	N.A.	VT15x30	VT15x30	Default
156	Rectangular	N.A.	V25X30	V25X30	Default
157	Rectangular	N.A.	VT15x30	VT15x30	Default
158	Rectangular	N.A.	V25X30	V25X30	Default
159	Rectangular	N.A.	C30x45	C30x45	Default
161	Rectangular	N.A.	C30x45	C30x45	Default
162	Rectangular	N.A.	C30x45	C30x45	Default
163	Rectangular	N.A.	C30x45	C30x45	Default
164	Rectangular	N.A.	C30x45	C30x45	Default
165	Rectangular	N.A.	C30x45	C30x45	Default
167	Rectangular	N.A.	C30x45	C30x45	Default
168	Rectangular	N.A.	C30x45	C30x45	Default
169	Rectangular	N.A.	C30x45	C30x45	Default
170	Rectangular	N.A.	C30x45	C30x45	Default
171	Rectangular	N.A.	C30x45	C30x45	Default
173	Rectangular	N.A.	C30x45	C30x45	Default
174	Rectangular	N.A.	C30x45	C30x45	Default
175	Rectangular	N.A.	C30x45	C30x45	Default
176	Rectangular	N.A.	C30x45	C30x45	Default
177	Rectangular	N.A.	C30x45	C30x45	Default
179	Rectangular	N.A.	C30x30	C30x30	Default
180	Rectangular	N.A.	C30x30	C30x30	Default
181	Rectangular	N.A.	C30x30	C30x30	Default
182	Rectangular	N.A.	C30x30	C30x30	Default
183	Rectangular	N.A.	C30x30	C30x30	Default
185	Rectangular	N.A.	C30x30	C30x30	Default
186	Rectangular	N.A.	C30x30	C30x30	Default
187	Rectangular	N.A.	C30x30	C30x30	Default
188	Rectangular	N.A.	VT15x30	VT15x30	Default
189	Rectangular	N.A.	VT15x30	VT15x30	Default
191	Rectangular	N.A.	VT15x30	VT15x30	Default
192	Rectangular	N.A.	VT15x30	VT15x30	Default
193	Rectangular	N.A.	VT15x30	VT15x30	Default
194	Rectangular	N.A.	VT15x30	VT15x30	Default
195	Rectangular	N.A.	VT15x30	VT15x30	Default
197	Rectangular	N.A.	C30x30-1	C30x30-1	Default
198	Rectangular	N.A.	C30x30-1	C30x30-1	Default
199	Rectangular	N.A.	C30x30-1	C30x30-1	Default
200	Rectangular	N.A.	C30x30-1	C30x30-1	Default
201	Rectangular	N.A.	C30x30-1	C30x30-1	Default
203	Rectangular	N.A.	C30x30-1	C30x30-1	Default
204	Rectangular	N.A.	C30x30-1	C30x30-1	Default
205	Rectangular	N.A.	C30x30-1	C30x30-1	Default
206	Rectangular	N.A.	V25X30	V25X30	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
207	Rectangular	N.A.	V25X30	V25X30	Default
209	Rectangular	N.A.	V25X30	V25X30	Default
210	Rectangular	N.A.	V25X30	V25X30	Default
211	Rectangular	N.A.	V25X30	V25X30	Default
212	Rectangular	N.A.	V25X30	V25X30	Default
213	Rectangular	N.A.	V25X30	V25X30	Default
215	Rectangular	N.A.	V25X30	V25X30	Default
216	Rectangular	N.A.	V25X30	V25X30	Default
217	Rectangular	N.A.	V25X30	V25X30	Default
218	Rectangular	N.A.	V25X30	V25X30	Default
219	Rectangular	N.A.	V25X30	V25X30	Default
221	Rectangular	N.A.	V25X30	V25X30	Default
222	Rectangular	N.A.	V25X30	V25X30	Default
223	Rectangular	N.A.	V25X30	V25X30	Default
224	Rectangular	N.A.	V25X30	V25X30	Default
225	Rectangular	N.A.	VT15x30	VT15x30	Default
227	Rectangular	N.A.	VT15x30	VT15x30	Default
228	Rectangular	N.A.	VT15x30	VT15x30	Default
229	Rectangular	N.A.	VT15x30	VT15x30	Default
230	Rectangular	N.A.	VT15x30	VT15x30	Default
231	Rectangular	N.A.	VT15x30	VT15x30	Default
233	Rectangular	N.A.	VT15x30	VT15x30	Default
234	Rectangular	N.A.	VT15x30	VT15x30	Default
235	Rectangular	N.A.	VT15x30	VT15x30	Default
236	Rectangular	N.A.	VT15x30	VT15x30	Default
237	Rectangular	N.A.	VT15x30	VT15x30	Default
239	Rectangular	N.A.	VT15x30	VT15x30	Default
240	Rectangular	N.A.	VT15x30	VT15x30	Default
241	Rectangular	N.A.	VT15x30	VT15x30	Default
242	Rectangular	N.A.	V25X30	V25X30	Default
243	Rectangular	N.A.	V25X30	V25X30	Default
244	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
245	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
246	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
247	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
248	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
249	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
250	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
251	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
252	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
253	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
254	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
255	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
256	Rectangular	N.A.	V25X30	V25X30	Default
257	Rectangular	N.A.	V25X30	V25X30	Default
258	Rectangular	N.A.	V25X30	V25X30	Default
259	Rectangular	N.A.	VT15x30	VT15x30	Default
260	Rectangular	N.A.	V25X30	V25X30	Default
261	Rectangular	N.A.	V25X30	V25X30	Default
262	Rectangular	N.A.	V25X30	V25X30	Default
263	Rectangular	N.A.	V25X30	V25X30	Default
264	Rectangular	N.A.	V25X30	V25X30	Default
265	Rectangular	N.A.	VT15x30	VT15x30	Default
266	Rectangular	N.A.	V25X30	V25X30	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
267	Rectangular	N.A.	V25X30	V25X30	Default
268	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
276	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
277	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
278	Channel	N.A.	P-150 -12	P-150 -12	Default
281	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
282	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
283	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
286	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
287	Channel	N.A.	P-150 -12	P-150 -12	Default
288	Channel	N.A.	P-150 -12	P-150 -12	Default
291	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
292	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
293	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
296	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
297	Channel	N.A.	P-150 -12	P-150 -12	Default
298	Channel	N.A.	P-150 -12	P-150 -12	Default
301	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
302	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
303	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
306	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
307	Channel	N.A.	P-150 -12	P-150 -12	Default
308	Channel	N.A.	P-150 -12	P-150 -12	Default
312	Channel	N.A.	P-150 -12	P-150 -12	Default
313	Channel	N.A.	P-150 -12	P-150 -12	Default
316	Channel	N.A.	P-150 -12	P-150 -12	Default
317	Channel	N.A.	P-150 -12	P-150 -12	Default
318	Channel	N.A.	P-150 -12	P-150 -12	Default
321	Channel	N.A.	P-150 -12	P-150 -12	Default
322	Channel	N.A.	P-150 -12	P-150 -12	Default
323	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
326	Channel	N.A.	P-150 -12	P-150 -12	Default
327	Channel	N.A.	P-150 -12	P-150 -12	Default
328	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
336	Channel	N.A.	P-150 -12	P-150 -12	Default
337	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
338	Channel	N.A.	P-150 -12	P-150 -12	Default
341	Channel	N.A.	P-150 -12	P-150 -12	Default
342	Channel	N.A.	P-150 -12	P-150 -12	Default
343	Channel	N.A.	P-150 -12	P-150 -12	Default
346	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
347	Channel	N.A.	P-150 -12	P-150 -12	Default
348	Channel	N.A.	P-150 -12	P-150 -12	Default
351	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
352	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
353	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
356	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
357	Channel	N.A.	P-150 -12	P-150 -12	Default
358	Channel	N.A.	P-150 -12	P-150 -12	Default
359	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
361	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
362	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
363	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
366	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
367	Channel	N.A.	P-150 -12	P-150 -12	Default
368	Channel	N.A.	P-150 -12	P-150 -12	Default
371	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
372	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
373	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
376	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
377	Channel	N.A.	P-150 -12	P-150 -12	Default
378	Channel	N.A.	P-150 -12	P-150 -12	Default
381	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
382	Channel	N.A.	P-150 -12	P-150 -12	Default
383	Channel	N.A.	P-150 -12	P-150 -12	Default
386	Channel	N.A.	P-150 -12	P-150 -12	Default
387	Channel	N.A.	P-150 -12	P-150 -12	Default
388	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
391	Channel	N.A.	P-150 -12	P-150 -12	Default
392	Channel	N.A.	P-150 -12	P-150 -12	Default
393	Channel	N.A.	P-150 -12	P-150 -12	Default
396	Channel	N.A.	P-150 -12	P-150 -12	Default
397	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
398	Channel	N.A.	P-150 -12	P-150 -12	Default
399	Channel	N.A.	P-150 -12	P-150 -12	Default
400	Channel	N.A.	P-150 -12	P-150 -12	Default
401	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
402	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
404	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
407	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
410	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
411	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
419	Channel	N.A.	P-150 -12	P-150 -12	Default
420	Channel	N.A.	P-150 -12	P-150 -12	Default
423	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
424	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
425	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
426	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
427	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
428	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
429	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
430	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
431	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
432	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
433	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
434	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
435	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
436	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
437	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
438	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
439	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
440	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
441	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
442	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
443	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
444	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
445	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
446	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
447	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
448	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
449	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
450	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
451	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
452	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
453	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
454	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
455	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
456	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
457	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
458	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
459	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
460	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
461	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
462	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
463	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
464	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
465	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
466	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
467	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
468	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
469	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
470	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
471	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
472	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
473	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
474	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
475	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
476	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
477	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
478	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
479	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
480	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
481	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
482	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
483	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
484	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
485	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
486	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
487	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
488	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
489	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
490	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
491	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
492	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
493	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
494	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
495	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
496	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
497	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
498	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
499	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
500	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
501	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
502	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
503	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
504	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
505	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
506	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
507	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
508	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
509	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
510	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
511	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
512	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
513	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
514	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
515	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
516	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
517	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
518	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
519	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
520	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
521	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
522	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
523	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
524	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
525	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
526	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
527	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
528	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
529	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
530	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
531	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
532	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
533	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
534	Channel	N.A.	P-150 -12	P-150 -12	Default
535	Channel	N.A.	P-150 -12	P-150 -12	Default
536	Channel	N.A.	P-150 -12	P-150 -12	Default
537	Channel	N.A.	P-150 -12	P-150 -12	Default
538	Channel	N.A.	P-150 -12	P-150 -12	Default
539	Channel	N.A.	P-150 -12	P-150 -12	Default
540	Channel	N.A.	P-150 -12	P-150 -12	Default
541	Channel	N.A.	P-150 -12	P-150 -12	Default
542	Channel	N.A.	P-150 -12	P-150 -12	Default
543	Channel	N.A.	P-150 -12	P-150 -12	Default
544	Channel	N.A.	P-150 -12	P-150 -12	Default
545	Channel	N.A.	P-150 -12	P-150 -12	Default
546	Channel	N.A.	P-150 -12	P-150 -12	Default
547	Channel	N.A.	P-150 -12	P-150 -12	Default
548	Channel	N.A.	P-150 -12	P-150 -12	Default
549	Channel	N.A.	P-150 -12	P-150 -12	Default
550	Channel	N.A.	P-150 -12	P-150 -12	Default
551	Channel	N.A.	P-150 -12	P-150 -12	Default
552	Channel	N.A.	P-150 -12	P-150 -12	Default
553	Channel	N.A.	P-150 -12	P-150 -12	Default
554	Channel	N.A.	P-150 -12	P-150 -12	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
555	Channel	N.A.	P-150 -12	P-150 -12	Default
556	Channel	N.A.	P-150 -12	P-150 -12	Default
557	Channel	N.A.	P-150 -12	P-150 -12	Default
558	Channel	N.A.	P-150 -12	P-150 -12	Default
559	Channel	N.A.	P-150 -12	P-150 -12	Default
560	Channel	N.A.	P-150 -12	P-150 -12	Default
561	Channel	N.A.	P-150 -12	P-150 -12	Default
562	Channel	N.A.	P-150 -12	P-150 -12	Default
563	Channel	N.A.	P-150 -12	P-150 -12	Default
564	Channel	N.A.	P-150 -12	P-150 -12	Default
565	Channel	N.A.	P-150 -12	P-150 -12	Default
566	Channel	N.A.	P-150 -12	P-150 -12	Default
567	Channel	N.A.	P-150 -12	P-150 -12	Default
568	Channel	N.A.	P-150 -12	P-150 -12	Default
569	Channel	N.A.	P-150 -12	P-150 -12	Default
570	Channel	N.A.	P-150 -12	P-150 -12	Default
571	Channel	N.A.	P-150 -12	P-150 -12	Default
572	Channel	N.A.	P-150 -12	P-150 -12	Default
573	Channel	N.A.	P-150 -12	P-150 -12	Default
574	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
575	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
576	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
577	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
578	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
579	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
580	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
581	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
582	Channel	N.A.	P-150 -12	P-150 -12	Default
583	Channel	N.A.	P-150 -12	P-150 -12	Default
584	Channel	N.A.	P-150 -12	P-150 -12	Default
585	Channel	N.A.	P-150 -12	P-150 -12	Default
586	Channel	N.A.	P-150 -12	P-150 -12	Default
587	Channel	N.A.	P-150 -12	P-150 -12	Default
588	Channel	N.A.	P-150 -12	P-150 -12	Default
589	Channel	N.A.	P-150 -12	P-150 -12	Default
590	Channel	N.A.	P-150 -12	P-150 -12	Default
591	Channel	N.A.	P-150 -12	P-150 -12	Default
592	Channel	N.A.	P-150 -12	P-150 -12	Default
593	Channel	N.A.	P-150 -12	P-150 -12	Default
594	Channel	N.A.	P-150 -12	P-150 -12	Default
595	Channel	N.A.	P-150 -12	P-150 -12	Default
596	Channel	N.A.	P-150 -12	P-150 -12	Default
597	Channel	N.A.	P-150 -12	P-150 -12	Default
598	Channel	N.A.	P-150 -12	P-150 -12	Default
599	Channel	N.A.	P-150 -12	P-150 -12	Default
600	Channel	N.A.	P-150 -12	P-150 -12	Default
601	Channel	N.A.	P-150 -12	P-150 -12	Default
602	Channel	N.A.	P-150 -12	P-150 -12	Default
603	Channel	N.A.	P-150 -12	P-150 -12	Default
604	Channel	N.A.	P-150 -12	P-150 -12	Default
605	Channel	N.A.	P-150 -12	P-150 -12	Default
606	Channel	N.A.	P-150 -12	P-150 -12	Default
607	Channel	N.A.	P-150 -12	P-150 -12	Default
608	Channel	N.A.	P-150 -12	P-150 -12	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
609	Channel	N.A.	P-150 -12	P-150 -12	Default
610	Channel	N.A.	P-150 -12	P-150 -12	Default
611	Channel	N.A.	P-150 -12	P-150 -12	Default
612	Channel	N.A.	P-150 -12	P-150 -12	Default
613	Channel	N.A.	P-150 -12	P-150 -12	Default
614	Channel	N.A.	P-150 -12	P-150 -12	Default
615	Channel	N.A.	P-150 -12	P-150 -12	Default
616	Channel	N.A.	P-150 -12	P-150 -12	Default
617	Channel	N.A.	P-150 -12	P-150 -12	Default
618	Channel	N.A.	P-150 -12	P-150 -12	Default
619	Channel	N.A.	P-150 -12	P-150 -12	Default
620	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
621	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
622	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
623	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
624	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
625	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
626	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
627	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
628	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
629	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
630	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
631	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
632	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
633	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
634	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
635	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
636	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
637	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
638	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
639	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
640	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
641	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
642	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
643	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
644	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
645	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
646	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
647	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
648	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
649	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
650	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
651	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
652	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
653	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
654	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
655	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
656	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
657	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
658	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
659	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
660	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
661	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
662	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
663	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
664	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
665	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
666	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
667	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
668	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
669	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
670	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
671	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
672	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
673	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
674	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default
675	Box/Tube	N.A.	tube 60x120x3	tube 60x120x3	Default

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
4	DEAD	GLOBAL	Force	Gravity	RelDist	0.
4	live	GLOBAL	Force	Gravity	RelDist	0.
4	w2	GLOBAL	Force	X	RelDist	0.
10	DEAD	GLOBAL	Force	Gravity	RelDist	0.
10	live	GLOBAL	Force	Gravity	RelDist	0.
18	DEAD	GLOBAL	Force	Gravity	RelDist	0.
18	live	GLOBAL	Force	Gravity	RelDist	0.
18	w2	GLOBAL	Force	X	RelDist	0.
26	DEAD	GLOBAL	Force	Gravity	RelDist	0.
26	live	GLOBAL	Force	Gravity	RelDist	0.
34	DEAD	GLOBAL	Force	Gravity	RelDist	0.
34	live	GLOBAL	Force	Gravity	RelDist	0.
42	DEAD	GLOBAL	Force	Gravity	RelDist	0.
42	live	GLOBAL	Force	Gravity	RelDist	0.
42	w2	GLOBAL	Force	X	RelDist	0.
50	DEAD	GLOBAL	Force	Gravity	RelDist	0.
50	live	GLOBAL	Force	Gravity	RelDist	0.
58	DEAD	GLOBAL	Force	Gravity	RelDist	0.
58	live	GLOBAL	Force	Gravity	RelDist	0.
58	w2	GLOBAL	Force	X	RelDist	0.
69	DEAD	GLOBAL	Force	Gravity	RelDist	0.
69	live	GLOBAL	Force	Gravity	RelDist	0.
69	w1	GLOBAL	Force	Y	RelDist	0.
70	DEAD	GLOBAL	Force	Gravity	RelDist	0.
70	live	GLOBAL	Force	Gravity	RelDist	0.
70	w1	GLOBAL	Force	Y	RelDist	0.
71	DEAD	GLOBAL	Force	Gravity	RelDist	0.
71	live	GLOBAL	Force	Gravity	RelDist	0.
71	w1	GLOBAL	Force	Y	RelDist	0.
72	DEAD	GLOBAL	Force	Gravity	RelDist	0.
72	live	GLOBAL	Force	Gravity	RelDist	0.
72	w1	GLOBAL	Force	Y	RelDist	0.
73	DEAD	GLOBAL	Force	Gravity	RelDist	0.
73	live	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
73	w1	GLOBAL	Force	Y	RelDist	0.
74	DEAD	GLOBAL	Force	Gravity	RelDist	0.
74	live	GLOBAL	Force	Gravity	RelDist	0.
74	w1	GLOBAL	Force	Y	RelDist	0.
75	DEAD	GLOBAL	Force	Gravity	RelDist	0.
75	live	GLOBAL	Force	Gravity	RelDist	0.
75	w1	GLOBAL	Force	Y	RelDist	0.
77	DEAD	GLOBAL	Force	Gravity	RelDist	0.
77	live	GLOBAL	Force	Gravity	RelDist	0.
78	DEAD	GLOBAL	Force	Gravity	RelDist	0.
78	live	GLOBAL	Force	Gravity	RelDist	0.
79	DEAD	GLOBAL	Force	Gravity	RelDist	0.
79	live	GLOBAL	Force	Gravity	RelDist	0.
80	DEAD	GLOBAL	Force	Gravity	RelDist	0.
80	live	GLOBAL	Force	Gravity	RelDist	0.
81	DEAD	GLOBAL	Force	Gravity	RelDist	0.
81	live	GLOBAL	Force	Gravity	RelDist	0.
82	DEAD	GLOBAL	Force	Gravity	RelDist	0.
82	live	GLOBAL	Force	Gravity	RelDist	0.
83	DEAD	GLOBAL	Force	Gravity	RelDist	0.
83	live	GLOBAL	Force	Gravity	RelDist	0.
85	DEAD	GLOBAL	Force	Gravity	RelDist	0.
85	live	GLOBAL	Force	Gravity	RelDist	0.
85	w1	GLOBAL	Force	Y	RelDist	0.
86	DEAD	GLOBAL	Force	Gravity	RelDist	0.
86	live	GLOBAL	Force	Gravity	RelDist	0.
86	w1	GLOBAL	Force	Y	RelDist	0.
87	DEAD	GLOBAL	Force	Gravity	RelDist	0.
87	live	GLOBAL	Force	Gravity	RelDist	0.
87	w1	GLOBAL	Force	Y	RelDist	0.
88	DEAD	GLOBAL	Force	Gravity	RelDist	0.
88	live	GLOBAL	Force	Gravity	RelDist	0.
88	w1	GLOBAL	Force	Y	RelDist	0.
89	DEAD	GLOBAL	Force	Gravity	RelDist	0.
89	live	GLOBAL	Force	Gravity	RelDist	0.
89	w1	GLOBAL	Force	Y	RelDist	0.
90	DEAD	GLOBAL	Force	Gravity	RelDist	0.
90	live	GLOBAL	Force	Gravity	RelDist	0.
90	w1	GLOBAL	Force	Y	RelDist	0.
91	DEAD	GLOBAL	Force	Gravity	RelDist	0.
91	live	GLOBAL	Force	Gravity	RelDist	0.
91	w1	GLOBAL	Force	Y	RelDist	0.
105	DEAD	GLOBAL	Force	Gravity	RelDist	0.
105	live	GLOBAL	Force	Z Proj	RelDist	0.
105	w1	GLOBAL	Force	Z Proj	RelDist	0.
106	DEAD	GLOBAL	Force	Gravity	RelDist	0.
106	live	GLOBAL	Force	Z Proj	RelDist	0.
106	w1	GLOBAL	Force	Z Proj	RelDist	0.
107	DEAD	GLOBAL	Force	Gravity	RelDist	0.
107	live	GLOBAL	Force	Z Proj	RelDist	0.
107	w1	GLOBAL	Force	Z Proj	RelDist	0.
108	DEAD	GLOBAL	Force	Gravity	RelDist	0.
108	live	GLOBAL	Force	Z Proj	RelDist	0.
108	w1	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
109	DEAD	GLOBAL	Force	Gravity	RelDist	0.
109	live	GLOBAL	Force	Z Proj	RelDist	0.
109	w1	GLOBAL	Force	Z Proj	RelDist	0.
110	DEAD	GLOBAL	Force	Gravity	RelDist	0.
110	live	GLOBAL	Force	Z Proj	RelDist	0.
110	w1	GLOBAL	Force	Z Proj	RelDist	0.
111	DEAD	GLOBAL	Force	Gravity	RelDist	0.
111	live	GLOBAL	Force	Z Proj	RelDist	0.
111	w1	GLOBAL	Force	Z Proj	RelDist	0.
112	DEAD	GLOBAL	Force	Gravity	RelDist	0.
112	live	GLOBAL	Force	Z Proj	RelDist	0.
112	w1	GLOBAL	Force	Z Proj	RelDist	0.
113	DEAD	GLOBAL	Force	Gravity	RelDist	0.
113	live	GLOBAL	Force	Z Proj	RelDist	0.
113	w1	GLOBAL	Force	Z Proj	RelDist	0.
114	DEAD	GLOBAL	Force	Gravity	RelDist	0.
114	live	GLOBAL	Force	Z Proj	RelDist	0.
114	w1	GLOBAL	Force	Z Proj	RelDist	0.
115	DEAD	GLOBAL	Force	Gravity	RelDist	0.
115	live	GLOBAL	Force	Z Proj	RelDist	0.
115	w1	GLOBAL	Force	Z Proj	RelDist	0.
116	DEAD	GLOBAL	Force	Gravity	RelDist	0.
116	live	GLOBAL	Force	Z Proj	RelDist	0.
116	w1	GLOBAL	Force	Z Proj	RelDist	0.
244	DEAD	GLOBAL	Force	Gravity	RelDist	0.
244	live	GLOBAL	Force	Z Proj	RelDist	0.
244	w1	GLOBAL	Force	Z Proj	RelDist	0.
245	DEAD	GLOBAL	Force	Gravity	RelDist	0.
245	live	GLOBAL	Force	Z Proj	RelDist	0.
245	w1	GLOBAL	Force	Z Proj	RelDist	0.
246	DEAD	GLOBAL	Force	Gravity	RelDist	0.
246	live	GLOBAL	Force	Z Proj	RelDist	0.
246	w1	GLOBAL	Force	Z Proj	RelDist	0.
247	DEAD	GLOBAL	Force	Gravity	RelDist	0.
247	live	GLOBAL	Force	Z Proj	RelDist	0.
247	w1	GLOBAL	Force	Z Proj	RelDist	0.
248	DEAD	GLOBAL	Force	Gravity	RelDist	0.
248	live	GLOBAL	Force	Z Proj	RelDist	0.
248	w1	GLOBAL	Force	Z Proj	RelDist	0.
249	DEAD	GLOBAL	Force	Gravity	RelDist	0.
249	live	GLOBAL	Force	Z Proj	RelDist	0.
249	w1	GLOBAL	Force	Z Proj	RelDist	0.
250	DEAD	GLOBAL	Force	Gravity	RelDist	0.
250	live	GLOBAL	Force	Z Proj	RelDist	0.
250	w1	GLOBAL	Force	Z Proj	RelDist	0.
251	DEAD	GLOBAL	Force	Gravity	RelDist	0.
251	live	GLOBAL	Force	Z Proj	RelDist	0.
251	w1	GLOBAL	Force	Z Proj	RelDist	0.
252	DEAD	GLOBAL	Force	Gravity	RelDist	0.
252	live	GLOBAL	Force	Z Proj	RelDist	0.
252	w1	GLOBAL	Force	Z Proj	RelDist	0.
253	DEAD	GLOBAL	Force	Gravity	RelDist	0.
253	live	GLOBAL	Force	Z Proj	RelDist	0.
253	w1	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
254	DEAD	GLOBAL	Force	Gravity	RelDist	0.
254	live	GLOBAL	Force	Z Proj	RelDist	0.
254	w1	GLOBAL	Force	Z Proj	RelDist	0.
255	DEAD	GLOBAL	Force	Gravity	RelDist	0.
255	live	GLOBAL	Force	Z Proj	RelDist	0.
255	w1	GLOBAL	Force	Z Proj	RelDist	0.
268	DEAD	GLOBAL	Force	Gravity	RelDist	0.
268	live	GLOBAL	Force	Z Proj	RelDist	0.
268	w1	GLOBAL	Force	Y	RelDist	0.
277	DEAD	GLOBAL	Force	Gravity	RelDist	0.
277	live	GLOBAL	Force	Z Proj	RelDist	0.
277	w1	GLOBAL	Force	Y	RelDist	0.
278	DEAD	GLOBAL	Force	Gravity	RelDist	0.
278	live	GLOBAL	Force	Z Proj	RelDist	0.
278	w1	GLOBAL	Force	Y	RelDist	0.
287	DEAD	GLOBAL	Force	Gravity	RelDist	0.
287	live	GLOBAL	Force	Z Proj	RelDist	0.
287	w1	GLOBAL	Force	Y	RelDist	0.
288	DEAD	GLOBAL	Force	Gravity	RelDist	0.
288	live	GLOBAL	Force	Z Proj	RelDist	0.
288	w1	GLOBAL	Force	Y	RelDist	0.
297	DEAD	GLOBAL	Force	Gravity	RelDist	0.
297	live	GLOBAL	Force	Z Proj	RelDist	0.
297	w1	GLOBAL	Force	Y	RelDist	0.
298	DEAD	GLOBAL	Force	Gravity	RelDist	0.
298	live	GLOBAL	Force	Z Proj	RelDist	0.
298	w1	GLOBAL	Force	Y	RelDist	0.
307	DEAD	GLOBAL	Force	Gravity	RelDist	0.
307	live	GLOBAL	Force	Z Proj	RelDist	0.
307	w1	GLOBAL	Force	Y	RelDist	0.
308	DEAD	GLOBAL	Force	Gravity	RelDist	0.
308	live	GLOBAL	Force	Z Proj	RelDist	0.
308	w1	GLOBAL	Force	Y	RelDist	0.
317	DEAD	GLOBAL	Force	Gravity	RelDist	0.
317	live	GLOBAL	Force	Z Proj	RelDist	0.
317	w1	GLOBAL	Force	Y	RelDist	0.
318	DEAD	GLOBAL	Force	Gravity	RelDist	0.
318	live	GLOBAL	Force	Z Proj	RelDist	0.
318	w1	GLOBAL	Force	Y	RelDist	0.
327	DEAD	GLOBAL	Force	Gravity	RelDist	0.
327	live	GLOBAL	Force	Z Proj	RelDist	0.
327	w1	GLOBAL	Force	Y	RelDist	0.
328	DEAD	GLOBAL	Force	Gravity	RelDist	0.
328	live	GLOBAL	Force	Z Proj	RelDist	0.
328	w1	GLOBAL	Force	Y	RelDist	0.
337	DEAD	GLOBAL	Force	Gravity	RelDist	0.
337	live	GLOBAL	Force	Z Proj	RelDist	0.
337	w1	GLOBAL	Force	Y	RelDist	0.
338	DEAD	GLOBAL	Force	Gravity	RelDist	0.
338	live	GLOBAL	Force	Z Proj	RelDist	0.
338	w1	GLOBAL	Force	Y	RelDist	0.
347	DEAD	GLOBAL	Force	Gravity	RelDist	0.
347	live	GLOBAL	Force	Z Proj	RelDist	0.
347	w1	GLOBAL	Force	Y	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
348	DEAD	GLOBAL	Force	Gravity	RelDist	0.
348	live	GLOBAL	Force	Z Proj	RelDist	0.
348	w1	GLOBAL	Force	Y	RelDist	0.
357	DEAD	GLOBAL	Force	Gravity	RelDist	0.
357	live	GLOBAL	Force	Z Proj	RelDist	0.
357	w1	GLOBAL	Force	Y	RelDist	0.
358	DEAD	GLOBAL	Force	Gravity	RelDist	0.
358	live	GLOBAL	Force	Z Proj	RelDist	0.
358	w1	GLOBAL	Force	Y	RelDist	0.
367	DEAD	GLOBAL	Force	Gravity	RelDist	0.
367	live	GLOBAL	Force	Z Proj	RelDist	0.
367	w1	GLOBAL	Force	Y	RelDist	0.
368	DEAD	GLOBAL	Force	Gravity	RelDist	0.
368	live	GLOBAL	Force	Z Proj	RelDist	0.
368	w1	GLOBAL	Force	Y	RelDist	0.
377	DEAD	GLOBAL	Force	Gravity	RelDist	0.
377	live	GLOBAL	Force	Z Proj	RelDist	0.
377	w1	GLOBAL	Force	Y	RelDist	0.
378	DEAD	GLOBAL	Force	Gravity	RelDist	0.
378	live	GLOBAL	Force	Z Proj	RelDist	0.
378	w1	GLOBAL	Force	Y	RelDist	0.
387	DEAD	GLOBAL	Force	Gravity	RelDist	0.
387	live	GLOBAL	Force	Z Proj	RelDist	0.
387	w1	GLOBAL	Force	Y	RelDist	0.
388	DEAD	GLOBAL	Force	Gravity	RelDist	0.
388	live	GLOBAL	Force	Z Proj	RelDist	0.
388	w1	GLOBAL	Force	Y	RelDist	0.
397	DEAD	GLOBAL	Force	Gravity	RelDist	0.
397	live	GLOBAL	Force	Z Proj	RelDist	0.
397	w1	GLOBAL	Force	Y	RelDist	0.
35	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35	live	GLOBAL	Force	Gravity	RelDist	0.
35	w2	GLOBAL	Force	X	RelDist	0.
51	live	GLOBAL	Force	Gravity	RelDist	0.
51	DEAD	GLOBAL	Force	Gravity	RelDist	0.
51	w1	GLOBAL	Force	Y	RelDist	0.
52	live	GLOBAL	Force	Gravity	RelDist	0.
52	DEAD	GLOBAL	Force	Gravity	RelDist	0.
52	w1	GLOBAL	Force	Y	RelDist	0.
59	live	GLOBAL	Force	Gravity	RelDist	0.
59	DEAD	GLOBAL	Force	Gravity	RelDist	0.
59	w1	GLOBAL	Force	Y	RelDist	0.
60	live	GLOBAL	Force	Gravity	RelDist	0.
60	DEAD	GLOBAL	Force	Gravity	RelDist	0.
60	w1	GLOBAL	Force	Y	RelDist	0.
63	live	GLOBAL	Force	Gravity	RelDist	0.
63	DEAD	GLOBAL	Force	Gravity	RelDist	0.
63	w1	GLOBAL	Force	Y	RelDist	0.
64	live	GLOBAL	Force	Gravity	RelDist	0.
64	DEAD	GLOBAL	Force	Gravity	RelDist	0.
64	w1	GLOBAL	Force	Y	RelDist	0.
65	live	GLOBAL	Force	Gravity	RelDist	0.
65	DEAD	GLOBAL	Force	Gravity	RelDist	0.
65	w1	GLOBAL	Force	Y	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
66	DEAD	GLOBAL	Force	Gravity	RelDist	0.
66	live	GLOBAL	Force	Gravity	RelDist	0.
66	w2	GLOBAL	Force	X	RelDist	0.
76	DEAD	GLOBAL	Force	Gravity	RelDist	0.
76	live	GLOBAL	Force	Gravity	RelDist	0.
76	DEAD	GLOBAL	Force	Gravity	RelDist	0.
92	DEAD	GLOBAL	Force	Gravity	RelDist	0.
92	live	GLOBAL	Force	Gravity	RelDist	0.
92	DEAD	GLOBAL	Force	Gravity	RelDist	0.
92	w2	GLOBAL	Force	X	RelDist	0.
94	DEAD	GLOBAL	Force	Gravity	RelDist	0.
94	live	GLOBAL	Force	Gravity	RelDist	0.
94	DEAD	GLOBAL	Force	Gravity	RelDist	0.
96	DEAD	GLOBAL	Force	Gravity	RelDist	0.
96	live	GLOBAL	Force	Gravity	RelDist	0.
96	DEAD	GLOBAL	Force	Gravity	RelDist	0.
98	DEAD	GLOBAL	Force	Gravity	RelDist	0.
98	live	GLOBAL	Force	Gravity	RelDist	0.
98	DEAD	GLOBAL	Force	Gravity	RelDist	0.
98	w2	GLOBAL	Force	X	RelDist	0.
100	DEAD	GLOBAL	Force	Gravity	RelDist	0.
100	live	GLOBAL	Force	Gravity	RelDist	0.
100	DEAD	GLOBAL	Force	Gravity	RelDist	0.
101	live	GLOBAL	Force	Gravity	RelDist	0.
101	DEAD	GLOBAL	Force	Gravity	RelDist	0.
102	live	GLOBAL	Force	Gravity	RelDist	0.
102	DEAD	GLOBAL	Force	Gravity	RelDist	0.
103	live	GLOBAL	Force	Gravity	RelDist	0.
103	DEAD	GLOBAL	Force	Gravity	RelDist	0.
104	live	GLOBAL	Force	Gravity	RelDist	0.
104	DEAD	GLOBAL	Force	Gravity	RelDist	0.
117	live	GLOBAL	Force	Gravity	RelDist	0.
117	DEAD	GLOBAL	Force	Gravity	RelDist	0.
118	live	GLOBAL	Force	Gravity	RelDist	0.
118	DEAD	GLOBAL	Force	Gravity	RelDist	0.
135	live	GLOBAL	Force	Gravity	RelDist	0.
135	DEAD	GLOBAL	Force	Gravity	RelDist	0.
136	DEAD	GLOBAL	Force	Gravity	RelDist	0.
136	live	GLOBAL	Force	Gravity	RelDist	0.
136	w1	GLOBAL	Force	Y	RelDist	0.
137	live	GLOBAL	Force	Gravity	RelDist	0.
137	DEAD	GLOBAL	Force	Gravity	RelDist	0.
137	w1	GLOBAL	Force	Y	RelDist	0.
138	DEAD	GLOBAL	Force	Gravity	RelDist	0.
138	live	GLOBAL	Force	Gravity	RelDist	0.
138	w1	GLOBAL	Force	Y	RelDist	0.
139	DEAD	GLOBAL	Force	Gravity	RelDist	0.
139	live	GLOBAL	Force	Gravity	RelDist	0.
139	w1	GLOBAL	Force	Y	RelDist	0.
140	DEAD	GLOBAL	Force	Gravity	RelDist	0.
140	live	GLOBAL	Force	Gravity	RelDist	0.
140	w1	GLOBAL	Force	Y	RelDist	0.
141	DEAD	GLOBAL	Force	Gravity	RelDist	0.
141	live	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
141	w1	GLOBAL	Force	Y	RelDist	0.
142	DEAD	GLOBAL	Force	Gravity	RelDist	0.
142	live	GLOBAL	Force	Gravity	RelDist	0.
142	w1	GLOBAL	Force	Y	RelDist	0.
143	DEAD	GLOBAL	Force	Gravity	RelDist	0.
143	live	GLOBAL	Force	Gravity	RelDist	0.
145	DEAD	GLOBAL	Force	Gravity	RelDist	0.
145	live	GLOBAL	Force	Gravity	RelDist	0.
145	DEAD	GLOBAL	Force	Gravity	RelDist	0.
147	DEAD	GLOBAL	Force	Gravity	RelDist	0.
147	live	GLOBAL	Force	Gravity	RelDist	0.
147	DEAD	GLOBAL	Force	Gravity	RelDist	0.
150	DEAD	GLOBAL	Force	Gravity	RelDist	0.
150	live	GLOBAL	Force	Gravity	RelDist	0.
152	DEAD	GLOBAL	Force	Gravity	RelDist	0.
152	live	GLOBAL	Force	Gravity	RelDist	0.
155	DEAD	GLOBAL	Force	Gravity	RelDist	0.
155	live	GLOBAL	Force	Gravity	RelDist	0.
157	DEAD	GLOBAL	Force	Gravity	RelDist	0.
157	live	GLOBAL	Force	Gravity	RelDist	0.
206	DEAD	GLOBAL	Force	Gravity	RelDist	0.
206	live	GLOBAL	Force	Gravity	RelDist	0.
206	w2	GLOBAL	Force	X	RelDist	0.
207	DEAD	GLOBAL	Force	Gravity	RelDist	0.
207	live	GLOBAL	Force	Gravity	RelDist	0.
207	w2	GLOBAL	Force	X	RelDist	0.
209	DEAD	GLOBAL	Force	Gravity	RelDist	0.
209	live	GLOBAL	Force	Gravity	RelDist	0.
209	w2	GLOBAL	Force	X	RelDist	0.
210	DEAD	GLOBAL	Force	Gravity	RelDist	0.
210	live	GLOBAL	Force	Gravity	RelDist	0.
210	w2	GLOBAL	Force	X	RelDist	0.
211	DEAD	GLOBAL	Force	Gravity	RelDist	0.
211	live	GLOBAL	Force	Gravity	RelDist	0.
212	DEAD	GLOBAL	Force	Gravity	RelDist	0.
212	live	GLOBAL	Force	Gravity	RelDist	0.
213	DEAD	GLOBAL	Force	Gravity	RelDist	0.
213	live	GLOBAL	Force	Gravity	RelDist	0.
213	w2	GLOBAL	Force	X	RelDist	0.
215	DEAD	GLOBAL	Force	Gravity	RelDist	0.
215	live	GLOBAL	Force	Gravity	RelDist	0.
215	w2	GLOBAL	Force	X	RelDist	0.
216	DEAD	GLOBAL	Force	Gravity	RelDist	0.
216	live	GLOBAL	Force	Gravity	RelDist	0.
217	DEAD	GLOBAL	Force	Gravity	RelDist	0.
217	live	GLOBAL	Force	Gravity	RelDist	0.
218	DEAD	GLOBAL	Force	Gravity	RelDist	0.
218	live	GLOBAL	Force	Gravity	RelDist	0.
219	DEAD	GLOBAL	Force	Gravity	RelDist	0.
219	live	GLOBAL	Force	Gravity	RelDist	0.
221	DEAD	GLOBAL	Force	Gravity	RelDist	0.
221	live	GLOBAL	Force	Gravity	RelDist	0.
221	w2	GLOBAL	Force	X	RelDist	0.
222	DEAD	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
222	live	GLOBAL	Force	Gravity	RelDist	0.
222	w2	GLOBAL	Force	X	RelDist	0.
223	DEAD	GLOBAL	Force	Gravity	RelDist	0.
223	live	GLOBAL	Force	Gravity	RelDist	0.
224	DEAD	GLOBAL	Force	Gravity	RelDist	0.
224	live	GLOBAL	Force	Gravity	RelDist	0.
225	DEAD	GLOBAL	Force	Gravity	RelDist	0.
225	live	GLOBAL	Force	Gravity	RelDist	0.
227	DEAD	GLOBAL	Force	Gravity	RelDist	0.
227	live	GLOBAL	Force	Gravity	RelDist	0.
228	DEAD	GLOBAL	Force	Gravity	RelDist	0.
228	live	GLOBAL	Force	Gravity	RelDist	0.
229	DEAD	GLOBAL	Force	Gravity	RelDist	0.
229	live	GLOBAL	Force	Gravity	RelDist	0.
230	DEAD	GLOBAL	Force	Gravity	RelDist	0.
230	live	GLOBAL	Force	Gravity	RelDist	0.
231	DEAD	GLOBAL	Force	Gravity	RelDist	0.
231	live	GLOBAL	Force	Gravity	RelDist	0.
233	DEAD	GLOBAL	Force	Gravity	RelDist	0.
233	live	GLOBAL	Force	Gravity	RelDist	0.
234	DEAD	GLOBAL	Force	Gravity	RelDist	0.
234	live	GLOBAL	Force	Gravity	RelDist	0.
235	DEAD	GLOBAL	Force	Gravity	RelDist	0.
235	live	GLOBAL	Force	Gravity	RelDist	0.
236	DEAD	GLOBAL	Force	Gravity	RelDist	0.
236	live	GLOBAL	Force	Gravity	RelDist	0.
237	DEAD	GLOBAL	Force	Gravity	RelDist	0.
237	live	GLOBAL	Force	Gravity	RelDist	0.
239	DEAD	GLOBAL	Force	Gravity	RelDist	0.
239	live	GLOBAL	Force	Gravity	RelDist	0.
240	DEAD	GLOBAL	Force	Gravity	RelDist	0.
240	live	GLOBAL	Force	Gravity	RelDist	0.
241	DEAD	GLOBAL	Force	Gravity	RelDist	0.
241	live	GLOBAL	Force	Gravity	RelDist	0.
242	DEAD	GLOBAL	Force	Gravity	RelDist	0.
242	live	GLOBAL	Force	Gravity	RelDist	0.
256	DEAD	GLOBAL	Force	Gravity	RelDist	0.
256	live	GLOBAL	Force	Gravity	RelDist	0.
258	DEAD	GLOBAL	Force	Gravity	RelDist	0.
258	live	GLOBAL	Force	Gravity	RelDist	0.
260	DEAD	GLOBAL	Force	Gravity	RelDist	0.
260	live	GLOBAL	Force	Gravity	RelDist	0.
262	DEAD	GLOBAL	Force	Gravity	RelDist	0.
262	live	GLOBAL	Force	Gravity	RelDist	0.
264	DEAD	GLOBAL	Force	Gravity	RelDist	0.
264	live	GLOBAL	Force	Gravity	RelDist	0.
266	DEAD	GLOBAL	Force	Gravity	RelDist	0.
266	live	GLOBAL	Force	Gravity	RelDist	0.
11	DEAD	GLOBAL	Force	Gravity	RelDist	0.
11	live	GLOBAL	Force	Gravity	RelDist	0.
67	DEAD	GLOBAL	Force	Gravity	RelDist	0.
67	live	GLOBAL	Force	Gravity	RelDist	0.
68	DEAD	GLOBAL	Force	Gravity	RelDist	0.
68	live	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
84	DEAD	GLOBAL	Force	Gravity	RelDist	0.
84	live	GLOBAL	Force	Gravity	RelDist	0.
93	DEAD	GLOBAL	Force	Gravity	RelDist	0.
93	live	GLOBAL	Force	Gravity	RelDist	0.
95	DEAD	GLOBAL	Force	Gravity	RelDist	0.
95	live	GLOBAL	Force	Gravity	RelDist	0.
97	DEAD	GLOBAL	Force	Gravity	RelDist	0.
97	live	GLOBAL	Force	Gravity	RelDist	0.
99	DEAD	GLOBAL	Force	Gravity	RelDist	0.
99	live	GLOBAL	Force	Gravity	RelDist	0.
144	DEAD	GLOBAL	Force	Gravity	RelDist	0.
144	live	GLOBAL	Force	Gravity	RelDist	0.
146	DEAD	GLOBAL	Force	Gravity	RelDist	0.
146	live	GLOBAL	Force	Gravity	RelDist	0.
151	DEAD	GLOBAL	Force	Gravity	RelDist	0.
151	live	GLOBAL	Force	Gravity	RelDist	0.
153	DEAD	GLOBAL	Force	Gravity	RelDist	0.
153	live	GLOBAL	Force	Gravity	RelDist	0.
156	DEAD	GLOBAL	Force	Gravity	RelDist	0.
156	live	GLOBAL	Force	Gravity	RelDist	0.
158	DEAD	GLOBAL	Force	Gravity	RelDist	0.
158	live	GLOBAL	Force	Gravity	RelDist	0.
188	DEAD	GLOBAL	Force	Gravity	RelDist	0.
188	live	GLOBAL	Force	Gravity	RelDist	0.
189	DEAD	GLOBAL	Force	Gravity	RelDist	0.
189	live	GLOBAL	Force	Gravity	RelDist	0.
191	DEAD	GLOBAL	Force	Gravity	RelDist	0.
191	live	GLOBAL	Force	Gravity	RelDist	0.
192	DEAD	GLOBAL	Force	Gravity	RelDist	0.
192	live	GLOBAL	Force	Gravity	RelDist	0.
193	DEAD	GLOBAL	Force	Gravity	RelDist	0.
193	live	GLOBAL	Force	Gravity	RelDist	0.
194	DEAD	GLOBAL	Force	Gravity	RelDist	0.
194	live	GLOBAL	Force	Gravity	RelDist	0.
195	DEAD	GLOBAL	Force	Gravity	RelDist	0.
195	live	GLOBAL	Force	Gravity	RelDist	0.
419	DEAD	GLOBAL	Force	Gravity	RelDist	0.
419	live	GLOBAL	Force	Z Proj	RelDist	0.
419	w1	GLOBAL	Force	Y	RelDist	0.
420	DEAD	GLOBAL	Force	Gravity	RelDist	0.
420	live	GLOBAL	Force	Z Proj	RelDist	0.
420	w1	GLOBAL	Force	Y	RelDist	0.
243	DEAD	GLOBAL	Force	Gravity	RelDist	0.
243	live	GLOBAL	Force	Gravity	RelDist	0.
257	DEAD	GLOBAL	Force	Gravity	RelDist	0.
257	live	GLOBAL	Force	Gravity	RelDist	0.
259	DEAD	GLOBAL	Force	Gravity	RelDist	0.
259	live	GLOBAL	Force	Gravity	RelDist	0.
261	DEAD	GLOBAL	Force	Gravity	RelDist	0.
261	live	GLOBAL	Force	Gravity	RelDist	0.
263	DEAD	GLOBAL	Force	Gravity	RelDist	0.
263	live	GLOBAL	Force	Gravity	RelDist	0.
265	DEAD	GLOBAL	Force	Gravity	RelDist	0.
265	live	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
267	DEAD	GLOBAL	Force	Gravity	RelDist	0.
267	live	GLOBAL	Force	Gravity	RelDist	0.
276	DEAD	GLOBAL	Force	Gravity	RelDist	0.
276	live	GLOBAL	Force	Z Proj	RelDist	0.
276	w1	GLOBAL	Force	Z Proj	RelDist	0.
281	DEAD	GLOBAL	Force	Gravity	RelDist	0.
281	live	GLOBAL	Force	Z Proj	RelDist	0.
281	w1	GLOBAL	Force	Z Proj	RelDist	0.
282	DEAD	GLOBAL	Force	Gravity	RelDist	0.
282	live	GLOBAL	Force	Z Proj	RelDist	0.
282	w1	GLOBAL	Force	Z Proj	RelDist	0.
283	DEAD	GLOBAL	Force	Gravity	RelDist	0.
283	live	GLOBAL	Force	Z Proj	RelDist	0.
283	w1	GLOBAL	Force	Z Proj	RelDist	0.
291	DEAD	GLOBAL	Force	Gravity	RelDist	0.
291	live	GLOBAL	Force	Z Proj	RelDist	0.
291	w1	GLOBAL	Force	Z Proj	RelDist	0.
292	DEAD	GLOBAL	Force	Gravity	RelDist	0.
292	live	GLOBAL	Force	Z Proj	RelDist	0.
292	w1	GLOBAL	Force	Z Proj	RelDist	0.
293	DEAD	GLOBAL	Force	Gravity	RelDist	0.
293	live	GLOBAL	Force	Z Proj	RelDist	0.
293	w1	GLOBAL	Force	Z Proj	RelDist	0.
296	DEAD	GLOBAL	Force	Gravity	RelDist	0.
296	live	GLOBAL	Force	Z Proj	RelDist	0.
296	w1	GLOBAL	Force	Z Proj	RelDist	0.
301	DEAD	GLOBAL	Force	Gravity	RelDist	0.
301	live	GLOBAL	Force	Z Proj	RelDist	0.
301	w1	GLOBAL	Force	Z Proj	RelDist	0.
302	DEAD	GLOBAL	Force	Gravity	RelDist	0.
302	live	GLOBAL	Force	Z Proj	RelDist	0.
302	w1	GLOBAL	Force	Z Proj	RelDist	0.
303	DEAD	GLOBAL	Force	Gravity	RelDist	0.
303	live	GLOBAL	Force	Z Proj	RelDist	0.
303	w1	GLOBAL	Force	Z Proj	RelDist	0.
306	DEAD	GLOBAL	Force	Gravity	RelDist	0.
306	live	GLOBAL	Force	Z Proj	RelDist	0.
306	w1	GLOBAL	Force	Z Proj	RelDist	0.
312	DEAD	GLOBAL	Force	Gravity	RelDist	0.
312	live	GLOBAL	Force	Z Proj	RelDist	0.
312	w1	GLOBAL	Force	Y	RelDist	0.
313	DEAD	GLOBAL	Force	Gravity	RelDist	0.
313	live	GLOBAL	Force	Z Proj	RelDist	0.
313	w1	GLOBAL	Force	Y	RelDist	0.
316	DEAD	GLOBAL	Force	Gravity	RelDist	0.
316	live	GLOBAL	Force	Z Proj	RelDist	0.
316	w1	GLOBAL	Force	Y	RelDist	0.
321	DEAD	GLOBAL	Force	Gravity	RelDist	0.
321	live	GLOBAL	Force	Z Proj	RelDist	0.
321	w1	GLOBAL	Force	Y	RelDist	0.
322	DEAD	GLOBAL	Force	Gravity	RelDist	0.
322	live	GLOBAL	Force	Z Proj	RelDist	0.
322	w1	GLOBAL	Force	Y	RelDist	0.
323	DEAD	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
323	live	GLOBAL	Force	Z Proj	RelDist	0.
323	DEAD	GLOBAL	Force	Gravity	RelDist	0.
323	live	GLOBAL	Force	Z Proj	RelDist	0.
323	w1	GLOBAL	Force	Y	RelDist	0.
326	DEAD	GLOBAL	Force	Gravity	RelDist	0.
326	live	GLOBAL	Force	Z Proj	RelDist	0.
326	w1	GLOBAL	Force	Y	RelDist	0.
336	DEAD	GLOBAL	Force	Gravity	RelDist	0.
336	live	GLOBAL	Force	Z Proj	RelDist	0.
336	w1	GLOBAL	Force	Y	RelDist	0.
341	DEAD	GLOBAL	Force	Gravity	RelDist	0.
341	live	GLOBAL	Force	Z Proj	RelDist	0.
341	w1	GLOBAL	Force	Y	RelDist	0.
342	DEAD	GLOBAL	Force	Gravity	RelDist	0.
342	live	GLOBAL	Force	Z Proj	RelDist	0.
342	w1	GLOBAL	Force	Y	RelDist	0.
343	DEAD	GLOBAL	Force	Gravity	RelDist	0.
343	live	GLOBAL	Force	Z Proj	RelDist	0.
343	w1	GLOBAL	Force	Y	RelDist	0.
346	DEAD	GLOBAL	Force	Gravity	RelDist	0.
346	live	GLOBAL	Force	Z Proj	RelDist	0.
346	w1	GLOBAL	Force	Y	RelDist	0.
353	DEAD	GLOBAL	Force	Gravity	RelDist	0.
353	live	GLOBAL	Force	Z Proj	RelDist	0.
353	w1	GLOBAL	Force	Z Proj	RelDist	0.
356	DEAD	GLOBAL	Force	Gravity	RelDist	0.
356	live	GLOBAL	Force	Z Proj	RelDist	0.
356	w1	GLOBAL	Force	Z Proj	RelDist	0.
359	DEAD	GLOBAL	Force	Gravity	RelDist	0.
359	live	GLOBAL	Force	Z Proj	RelDist	0.
359	w1	GLOBAL	Force	Z Proj	RelDist	0.
361	DEAD	GLOBAL	Force	Gravity	RelDist	0.
361	live	GLOBAL	Force	Z Proj	RelDist	0.
361	w1	GLOBAL	Force	Z Proj	RelDist	0.
362	DEAD	GLOBAL	Force	Gravity	RelDist	0.
362	live	GLOBAL	Force	Z Proj	RelDist	0.
362	w1	GLOBAL	Force	Z Proj	RelDist	0.
363	DEAD	GLOBAL	Force	Gravity	RelDist	0.
363	live	GLOBAL	Force	Z Proj	RelDist	0.
363	w1	GLOBAL	Force	Z Proj	RelDist	0.
366	DEAD	GLOBAL	Force	Gravity	RelDist	0.
366	live	GLOBAL	Force	Z Proj	RelDist	0.
366	w1	GLOBAL	Force	Z Proj	RelDist	0.
371	DEAD	GLOBAL	Force	Gravity	RelDist	0.
371	live	GLOBAL	Force	Z Proj	RelDist	0.
371	w1	GLOBAL	Force	Z Proj	RelDist	0.
372	DEAD	GLOBAL	Force	Gravity	RelDist	0.
372	live	GLOBAL	Force	Z Proj	RelDist	0.
372	w1	GLOBAL	Force	Z Proj	RelDist	0.
373	DEAD	GLOBAL	Force	Gravity	RelDist	0.
373	live	GLOBAL	Force	Z Proj	RelDist	0.
373	w1	GLOBAL	Force	Z Proj	RelDist	0.
376	DEAD	GLOBAL	Force	Gravity	RelDist	0.
376	live	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
376	w1	GLOBAL	Force	Z Proj	RelDist	0.
381	DEAD	GLOBAL	Force	Gravity	RelDist	0.
381	live	GLOBAL	Force	Z Proj	RelDist	0.
381	w1	GLOBAL	Force	Z Proj	RelDist	0.
382	DEAD	GLOBAL	Force	Gravity	RelDist	0.
382	live	GLOBAL	Force	Z Proj	RelDist	0.
382	w1	GLOBAL	Force	Y	RelDist	0.
383	DEAD	GLOBAL	Force	Gravity	RelDist	0.
383	live	GLOBAL	Force	Z Proj	RelDist	0.
383	w1	GLOBAL	Force	Y	RelDist	0.
386	DEAD	GLOBAL	Force	Gravity	RelDist	0.
386	live	GLOBAL	Force	Z Proj	RelDist	0.
386	w1	GLOBAL	Force	Y	RelDist	0.
391	DEAD	GLOBAL	Force	Gravity	RelDist	0.
391	live	GLOBAL	Force	Z Proj	RelDist	0.
391	w1	GLOBAL	Force	Y	RelDist	0.
392	DEAD	GLOBAL	Force	Gravity	RelDist	0.
392	live	GLOBAL	Force	Z Proj	RelDist	0.
392	w1	GLOBAL	Force	Y	RelDist	0.
393	DEAD	GLOBAL	Force	Gravity	RelDist	0.
393	live	GLOBAL	Force	Z Proj	RelDist	0.
393	w1	GLOBAL	Force	Y	RelDist	0.
396	DEAD	GLOBAL	Force	Gravity	RelDist	0.
396	live	GLOBAL	Force	Z Proj	RelDist	0.
396	w1	GLOBAL	Force	Y	RelDist	0.
398	DEAD	GLOBAL	Force	Gravity	RelDist	0.
398	live	GLOBAL	Force	Z Proj	RelDist	0.
398	w1	GLOBAL	Force	Y	RelDist	0.
399	DEAD	GLOBAL	Force	Gravity	RelDist	0.
399	live	GLOBAL	Force	Z Proj	RelDist	0.
399	w1	GLOBAL	Force	Y	RelDist	0.
400	DEAD	GLOBAL	Force	Gravity	RelDist	0.
400	live	GLOBAL	Force	Z Proj	RelDist	0.
400	w1	GLOBAL	Force	Y	RelDist	0.
401	DEAD	GLOBAL	Force	Gravity	RelDist	0.
401	live	GLOBAL	Force	Z Proj	RelDist	0.
401	w1	GLOBAL	Force	Y	RelDist	0.
407	DEAD	GLOBAL	Force	Gravity	RelDist	0.
407	live	GLOBAL	Force	Z Proj	RelDist	0.
407	w1	GLOBAL	Force	Y	RelDist	0.
410	DEAD	GLOBAL	Force	Gravity	RelDist	0.
410	live	GLOBAL	Force	Z Proj	RelDist	0.
410	w1	GLOBAL	Force	Y	RelDist	0.
411	DEAD	GLOBAL	Force	Gravity	RelDist	0.
411	live	GLOBAL	Force	Z Proj	RelDist	0.
411	w1	GLOBAL	Force	Y	RelDist	0.
526	DEAD	GLOBAL	Force	Gravity	RelDist	0.
526	live	GLOBAL	Force	Z Proj	RelDist	0.
526	w1	GLOBAL	Force	Y	RelDist	0.
527	DEAD	GLOBAL	Force	Gravity	RelDist	0.
527	live	GLOBAL	Force	Z Proj	RelDist	0.
527	w1	GLOBAL	Force	Y	RelDist	0.
528	DEAD	GLOBAL	Force	Gravity	RelDist	0.
528	live	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
528	w1	GLOBAL	Force	Y	RelDist	0.
529	DEAD	GLOBAL	Force	Gravity	RelDist	0.
529	live	GLOBAL	Force	Z Proj	RelDist	0.
529	w1	GLOBAL	Force	Y	RelDist	0.
530	DEAD	GLOBAL	Force	Gravity	RelDist	0.
530	live	GLOBAL	Force	Z Proj	RelDist	0.
530	w1	GLOBAL	Force	Y	RelDist	0.
531	DEAD	GLOBAL	Force	Gravity	RelDist	0.
531	live	GLOBAL	Force	Z Proj	RelDist	0.
531	w1	GLOBAL	Force	Y	RelDist	0.
532	DEAD	GLOBAL	Force	Gravity	RelDist	0.
532	live	GLOBAL	Force	Z Proj	RelDist	0.
532	w1	GLOBAL	Force	Y	RelDist	0.
533	DEAD	GLOBAL	Force	Gravity	RelDist	0.
533	live	GLOBAL	Force	Z Proj	RelDist	0.
533	w1	GLOBAL	Force	Y	RelDist	0.
534	DEAD	GLOBAL	Force	Gravity	RelDist	0.
534	live	GLOBAL	Force	Z Proj	RelDist	0.
534	w1	GLOBAL	Force	Y	RelDist	0.
535	DEAD	GLOBAL	Force	Gravity	RelDist	0.
535	live	GLOBAL	Force	Z Proj	RelDist	0.
535	w1	GLOBAL	Force	Y	RelDist	0.
536	DEAD	GLOBAL	Force	Gravity	RelDist	0.
536	live	GLOBAL	Force	Z Proj	RelDist	0.
536	w1	GLOBAL	Force	Y	RelDist	0.
537	DEAD	GLOBAL	Force	Gravity	RelDist	0.
537	live	GLOBAL	Force	Z Proj	RelDist	0.
537	w1	GLOBAL	Force	Y	RelDist	0.
538	DEAD	GLOBAL	Force	Gravity	RelDist	0.
538	live	GLOBAL	Force	Z Proj	RelDist	0.
538	w1	GLOBAL	Force	Y	RelDist	0.
539	DEAD	GLOBAL	Force	Gravity	RelDist	0.
539	live	GLOBAL	Force	Z Proj	RelDist	0.
539	w1	GLOBAL	Force	Y	RelDist	0.
540	DEAD	GLOBAL	Force	Gravity	RelDist	0.
540	live	GLOBAL	Force	Z Proj	RelDist	0.
540	w1	GLOBAL	Force	Y	RelDist	0.
541	DEAD	GLOBAL	Force	Gravity	RelDist	0.
541	live	GLOBAL	Force	Z Proj	RelDist	0.
541	w1	GLOBAL	Force	Y	RelDist	0.
542	DEAD	GLOBAL	Force	Gravity	RelDist	0.
542	live	GLOBAL	Force	Z Proj	RelDist	0.
542	w1	GLOBAL	Force	Y	RelDist	0.
543	DEAD	GLOBAL	Force	Gravity	RelDist	0.
543	live	GLOBAL	Force	Z Proj	RelDist	0.
543	w1	GLOBAL	Force	Y	RelDist	0.
544	DEAD	GLOBAL	Force	Gravity	RelDist	0.
544	live	GLOBAL	Force	Z Proj	RelDist	0.
544	w1	GLOBAL	Force	Y	RelDist	0.
545	DEAD	GLOBAL	Force	Gravity	RelDist	0.
545	live	GLOBAL	Force	Z Proj	RelDist	0.
545	w1	GLOBAL	Force	Y	RelDist	0.
546	DEAD	GLOBAL	Force	Gravity	RelDist	0.
546	live	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
546	w1	GLOBAL	Force	Y	RelDist	0.
547	DEAD	GLOBAL	Force	Gravity	RelDist	0.
547	live	GLOBAL	Force	Z Proj	RelDist	0.
547	w1	GLOBAL	Force	Y	RelDist	0.
548	DEAD	GLOBAL	Force	Gravity	RelDist	0.
548	live	GLOBAL	Force	Z Proj	RelDist	0.
548	w1	GLOBAL	Force	Y	RelDist	0.
549	DEAD	GLOBAL	Force	Gravity	RelDist	0.
549	live	GLOBAL	Force	Z Proj	RelDist	0.
549	w1	GLOBAL	Force	Y	RelDist	0.
550	DEAD	GLOBAL	Force	Gravity	RelDist	0.
550	live	GLOBAL	Force	Z Proj	RelDist	0.
550	w1	GLOBAL	Force	Y	RelDist	0.
551	DEAD	GLOBAL	Force	Gravity	RelDist	0.
551	live	GLOBAL	Force	Z Proj	RelDist	0.
551	w1	GLOBAL	Force	Y	RelDist	0.
552	DEAD	GLOBAL	Force	Gravity	RelDist	0.
552	live	GLOBAL	Force	Z Proj	RelDist	0.
552	w1	GLOBAL	Force	Y	RelDist	0.
553	DEAD	GLOBAL	Force	Gravity	RelDist	0.
553	live	GLOBAL	Force	Z Proj	RelDist	0.
553	w1	GLOBAL	Force	Y	RelDist	0.
554	DEAD	GLOBAL	Force	Gravity	RelDist	0.
554	live	GLOBAL	Force	Z Proj	RelDist	0.
554	w1	GLOBAL	Force	Y	RelDist	0.
555	DEAD	GLOBAL	Force	Gravity	RelDist	0.
555	live	GLOBAL	Force	Z Proj	RelDist	0.
555	w1	GLOBAL	Force	Y	RelDist	0.
556	DEAD	GLOBAL	Force	Gravity	RelDist	0.
556	live	GLOBAL	Force	Z Proj	RelDist	0.
556	w1	GLOBAL	Force	Y	RelDist	0.
557	DEAD	GLOBAL	Force	Gravity	RelDist	0.
557	live	GLOBAL	Force	Z Proj	RelDist	0.
557	w1	GLOBAL	Force	Y	RelDist	0.
558	DEAD	GLOBAL	Force	Gravity	RelDist	0.
558	live	GLOBAL	Force	Z Proj	RelDist	0.
558	w1	GLOBAL	Force	Y	RelDist	0.
559	DEAD	GLOBAL	Force	Gravity	RelDist	0.
559	live	GLOBAL	Force	Z Proj	RelDist	0.
559	w1	GLOBAL	Force	Y	RelDist	0.
560	DEAD	GLOBAL	Force	Gravity	RelDist	0.
560	live	GLOBAL	Force	Z Proj	RelDist	0.
560	w1	GLOBAL	Force	Y	RelDist	0.
561	DEAD	GLOBAL	Force	Gravity	RelDist	0.
561	live	GLOBAL	Force	Z Proj	RelDist	0.
561	w1	GLOBAL	Force	Y	RelDist	0.
562	DEAD	GLOBAL	Force	Gravity	RelDist	0.
562	live	GLOBAL	Force	Z Proj	RelDist	0.
562	w1	GLOBAL	Force	Y	RelDist	0.
563	DEAD	GLOBAL	Force	Gravity	RelDist	0.
563	live	GLOBAL	Force	Z Proj	RelDist	0.
563	w1	GLOBAL	Force	Y	RelDist	0.
564	DEAD	GLOBAL	Force	Gravity	RelDist	0.
564	live	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
564	w1	GLOBAL	Force	Y	RelDist	0.
565	DEAD	GLOBAL	Force	Gravity	RelDist	0.
565	live	GLOBAL	Force	Z Proj	RelDist	0.
565	w1	GLOBAL	Force	Y	RelDist	0.
566	DEAD	GLOBAL	Force	Gravity	RelDist	0.
566	live	GLOBAL	Force	Z Proj	RelDist	0.
566	w1	GLOBAL	Force	Y	RelDist	0.
567	DEAD	GLOBAL	Force	Gravity	RelDist	0.
567	live	GLOBAL	Force	Z Proj	RelDist	0.
567	w1	GLOBAL	Force	Y	RelDist	0.
568	DEAD	GLOBAL	Force	Gravity	RelDist	0.
568	live	GLOBAL	Force	Z Proj	RelDist	0.
568	w1	GLOBAL	Force	Y	RelDist	0.
569	DEAD	GLOBAL	Force	Gravity	RelDist	0.
569	live	GLOBAL	Force	Z Proj	RelDist	0.
569	w1	GLOBAL	Force	Y	RelDist	0.
570	DEAD	GLOBAL	Force	Gravity	RelDist	0.
570	live	GLOBAL	Force	Z Proj	RelDist	0.
570	w1	GLOBAL	Force	Y	RelDist	0.
571	DEAD	GLOBAL	Force	Gravity	RelDist	0.
571	live	GLOBAL	Force	Z Proj	RelDist	0.
571	w1	GLOBAL	Force	Y	RelDist	0.
572	DEAD	GLOBAL	Force	Gravity	RelDist	0.
572	live	GLOBAL	Force	Z Proj	RelDist	0.
572	w1	GLOBAL	Force	Y	RelDist	0.
573	DEAD	GLOBAL	Force	Gravity	RelDist	0.
573	live	GLOBAL	Force	Z Proj	RelDist	0.
573	w1	GLOBAL	Force	Y	RelDist	0.
574	DEAD	GLOBAL	Force	Gravity	RelDist	0.
574	live	GLOBAL	Force	Z Proj	RelDist	0.
574	w1	GLOBAL	Force	Y	RelDist	0.
575	DEAD	GLOBAL	Force	Gravity	RelDist	0.
575	live	GLOBAL	Force	Z Proj	RelDist	0.
575	w1	GLOBAL	Force	Y	RelDist	0.
576	DEAD	GLOBAL	Force	Gravity	RelDist	0.
576	live	GLOBAL	Force	Z Proj	RelDist	0.
576	w1	GLOBAL	Force	Y	RelDist	0.
577	DEAD	GLOBAL	Force	Gravity	RelDist	0.
577	live	GLOBAL	Force	Z Proj	RelDist	0.
577	w1	GLOBAL	Force	Y	RelDist	0.
578	DEAD	GLOBAL	Force	Gravity	RelDist	0.
578	live	GLOBAL	Force	Z Proj	RelDist	0.
578	w1	GLOBAL	Force	Y	RelDist	0.
579	DEAD	GLOBAL	Force	Gravity	RelDist	0.
579	live	GLOBAL	Force	Z Proj	RelDist	0.
579	w1	GLOBAL	Force	Y	RelDist	0.
580	DEAD	GLOBAL	Force	Gravity	RelDist	0.
580	live	GLOBAL	Force	Z Proj	RelDist	0.
580	w1	GLOBAL	Force	Y	RelDist	0.
581	DEAD	GLOBAL	Force	Gravity	RelDist	0.
581	live	GLOBAL	Force	Z Proj	RelDist	0.
581	w1	GLOBAL	Force	Y	RelDist	0.
582	DEAD	GLOBAL	Force	Gravity	RelDist	0.
582	live	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
582	w1	GLOBAL	Force	Y	RelDist	0.
583	DEAD	GLOBAL	Force	Gravity	RelDist	0.
583	live	GLOBAL	Force	Z Proj	RelDist	0.
583	w1	GLOBAL	Force	Y	RelDist	0.
584	DEAD	GLOBAL	Force	Gravity	RelDist	0.
584	live	GLOBAL	Force	Z Proj	RelDist	0.
584	w1	GLOBAL	Force	Y	RelDist	0.
585	DEAD	GLOBAL	Force	Gravity	RelDist	0.
585	live	GLOBAL	Force	Z Proj	RelDist	0.
585	w1	GLOBAL	Force	Y	RelDist	0.
586	DEAD	GLOBAL	Force	Gravity	RelDist	0.
586	live	GLOBAL	Force	Z Proj	RelDist	0.
586	w1	GLOBAL	Force	Y	RelDist	0.
587	DEAD	GLOBAL	Force	Gravity	RelDist	0.
587	live	GLOBAL	Force	Z Proj	RelDist	0.
587	w1	GLOBAL	Force	Y	RelDist	0.
588	DEAD	GLOBAL	Force	Gravity	RelDist	0.
588	live	GLOBAL	Force	Z Proj	RelDist	0.
588	w1	GLOBAL	Force	Y	RelDist	0.
589	DEAD	GLOBAL	Force	Gravity	RelDist	0.
589	live	GLOBAL	Force	Z Proj	RelDist	0.
589	w1	GLOBAL	Force	Y	RelDist	0.
590	DEAD	GLOBAL	Force	Gravity	RelDist	0.
590	live	GLOBAL	Force	Z Proj	RelDist	0.
590	w1	GLOBAL	Force	Y	RelDist	0.
591	DEAD	GLOBAL	Force	Gravity	RelDist	0.
591	live	GLOBAL	Force	Z Proj	RelDist	0.
591	w1	GLOBAL	Force	Y	RelDist	0.
592	DEAD	GLOBAL	Force	Gravity	RelDist	0.
592	live	GLOBAL	Force	Z Proj	RelDist	0.
592	w1	GLOBAL	Force	Y	RelDist	0.
593	DEAD	GLOBAL	Force	Gravity	RelDist	0.
593	live	GLOBAL	Force	Z Proj	RelDist	0.
593	w1	GLOBAL	Force	Y	RelDist	0.
594	DEAD	GLOBAL	Force	Gravity	RelDist	0.
594	live	GLOBAL	Force	Z Proj	RelDist	0.
594	w1	GLOBAL	Force	Y	RelDist	0.
595	DEAD	GLOBAL	Force	Gravity	RelDist	0.
595	live	GLOBAL	Force	Z Proj	RelDist	0.
595	w1	GLOBAL	Force	Y	RelDist	0.
596	DEAD	GLOBAL	Force	Gravity	RelDist	0.
596	live	GLOBAL	Force	Z Proj	RelDist	0.
596	w1	GLOBAL	Force	Y	RelDist	0.
597	DEAD	GLOBAL	Force	Gravity	RelDist	0.
597	live	GLOBAL	Force	Z Proj	RelDist	0.
597	w1	GLOBAL	Force	Y	RelDist	0.
598	DEAD	GLOBAL	Force	Gravity	RelDist	0.
598	live	GLOBAL	Force	Z Proj	RelDist	0.
598	w1	GLOBAL	Force	Y	RelDist	0.
599	DEAD	GLOBAL	Force	Gravity	RelDist	0.
599	live	GLOBAL	Force	Z Proj	RelDist	0.
599	w1	GLOBAL	Force	Y	RelDist	0.
600	DEAD	GLOBAL	Force	Gravity	RelDist	0.
600	live	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
600	w1	GLOBAL	Force	Y	RelDist	0.
601	DEAD	GLOBAL	Force	Gravity	RelDist	0.
601	live	GLOBAL	Force	Z Proj	RelDist	0.
601	w1	GLOBAL	Force	Y	RelDist	0.
602	DEAD	GLOBAL	Force	Gravity	RelDist	0.
602	live	GLOBAL	Force	Z Proj	RelDist	0.
602	w1	GLOBAL	Force	Y	RelDist	0.
603	DEAD	GLOBAL	Force	Gravity	RelDist	0.
603	live	GLOBAL	Force	Z Proj	RelDist	0.
603	w1	GLOBAL	Force	Y	RelDist	0.
604	DEAD	GLOBAL	Force	Gravity	RelDist	0.
604	live	GLOBAL	Force	Z Proj	RelDist	0.
604	w1	GLOBAL	Force	Y	RelDist	0.
605	DEAD	GLOBAL	Force	Gravity	RelDist	0.
605	live	GLOBAL	Force	Z Proj	RelDist	0.
605	w1	GLOBAL	Force	Y	RelDist	0.
606	DEAD	GLOBAL	Force	Gravity	RelDist	0.
606	live	GLOBAL	Force	Z Proj	RelDist	0.
606	w1	GLOBAL	Force	Y	RelDist	0.
607	DEAD	GLOBAL	Force	Gravity	RelDist	0.
607	live	GLOBAL	Force	Z Proj	RelDist	0.
607	w1	GLOBAL	Force	Y	RelDist	0.
608	DEAD	GLOBAL	Force	Gravity	RelDist	0.
608	live	GLOBAL	Force	Z Proj	RelDist	0.
608	w1	GLOBAL	Force	Y	RelDist	0.
609	DEAD	GLOBAL	Force	Gravity	RelDist	0.
609	live	GLOBAL	Force	Z Proj	RelDist	0.
609	w1	GLOBAL	Force	Y	RelDist	0.
610	DEAD	GLOBAL	Force	Gravity	RelDist	0.
610	live	GLOBAL	Force	Z Proj	RelDist	0.
610	w1	GLOBAL	Force	Y	RelDist	0.
611	DEAD	GLOBAL	Force	Gravity	RelDist	0.
611	live	GLOBAL	Force	Z Proj	RelDist	0.
611	w1	GLOBAL	Force	Y	RelDist	0.
612	DEAD	GLOBAL	Force	Gravity	RelDist	0.
612	live	GLOBAL	Force	Z Proj	RelDist	0.
612	w1	GLOBAL	Force	Y	RelDist	0.
613	DEAD	GLOBAL	Force	Gravity	RelDist	0.
613	live	GLOBAL	Force	Z Proj	RelDist	0.
613	w1	GLOBAL	Force	Y	RelDist	0.
614	DEAD	GLOBAL	Force	Gravity	RelDist	0.
614	live	GLOBAL	Force	Z Proj	RelDist	0.
614	w1	GLOBAL	Force	Y	RelDist	0.
615	DEAD	GLOBAL	Force	Gravity	RelDist	0.
615	live	GLOBAL	Force	Z Proj	RelDist	0.
615	w1	GLOBAL	Force	Y	RelDist	0.
616	DEAD	GLOBAL	Force	Gravity	RelDist	0.
616	live	GLOBAL	Force	Z Proj	RelDist	0.
616	w1	GLOBAL	Force	Y	RelDist	0.
617	DEAD	GLOBAL	Force	Gravity	RelDist	0.
617	live	GLOBAL	Force	Z Proj	RelDist	0.
617	w1	GLOBAL	Force	Y	RelDist	0.
618	DEAD	GLOBAL	Force	Gravity	RelDist	0.
618	live	GLOBAL	Force	Z Proj	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
618	w1	GLOBAL	Force	Y	RelDist	0.
619	DEAD	GLOBAL	Force	Gravity	RelDist	0.
619	live	GLOBAL	Force	Z Proj	RelDist	0.
619	w1	GLOBAL	Force	Y	RelDist	0.
620	DEAD	GLOBAL	Force	Gravity	RelDist	0.
620	live	GLOBAL	Force	Z Proj	RelDist	0.
620	w1	GLOBAL	Force	Y	RelDist	0.
621	DEAD	GLOBAL	Force	Gravity	RelDist	0.
621	live	GLOBAL	Force	Z Proj	RelDist	0.
621	w1	GLOBAL	Force	Y	RelDist	0.
622	DEAD	GLOBAL	Force	Gravity	RelDist	0.
622	live	GLOBAL	Force	Z Proj	RelDist	0.
622	w1	GLOBAL	Force	Y	RelDist	0.
623	DEAD	GLOBAL	Force	Gravity	RelDist	0.
623	live	GLOBAL	Force	Z Proj	RelDist	0.
623	w1	GLOBAL	Force	Y	RelDist	0.
624	DEAD	GLOBAL	Force	Gravity	RelDist	0.
624	live	GLOBAL	Force	Z Proj	RelDist	0.
624	w1	GLOBAL	Force	Y	RelDist	0.
625	DEAD	GLOBAL	Force	Gravity	RelDist	0.
625	live	GLOBAL	Force	Z Proj	RelDist	0.
625	w1	GLOBAL	Force	Y	RelDist	0.
626	DEAD	GLOBAL	Force	Gravity	RelDist	0.
626	live	GLOBAL	Force	Z Proj	RelDist	0.
626	w1	GLOBAL	Force	Y	RelDist	0.
627	DEAD	GLOBAL	Force	Gravity	RelDist	0.
627	live	GLOBAL	Force	Z Proj	RelDist	0.
627	w1	GLOBAL	Force	Y	RelDist	0.
27	w2	GLOBAL	Force	X	RelDist	0.
29	w2	GLOBAL	Force	X	RelDist	0.
30	w2	GLOBAL	Force	X	RelDist	0.
36	w2	GLOBAL	Force	X	RelDist	0.

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
4	DEAD	1.	0.	2.7	0.104	0.104	
4	live	1.	0.	2.7	0.13	0.13	
4	w2	1.	0.	2.7	0.056	0.056	
10	DEAD	1.	0.	2.7	0.104	0.104	
10	live	1.	0.	2.7	0.13	0.13	
18	DEAD	1.	0.	2.7	0.104	0.104	
18	live	1.	0.	2.7	0.13	0.13	
18	w2	1.	0.	2.7	0.056	0.056	
26	DEAD	1.	0.	2.7	0.104	0.104	
26	live	1.	0.	2.7	0.13	0.13	
34	DEAD	1.	0.	2.7	0.104	0.104	
34	live	1.	0.	2.7	0.13	0.13	
42	DEAD	1.	0.	2.7	0.104	0.104	
42	live	1.	0.	2.7	0.13	0.13	
42	w2	1.	0.	2.7	0.056	0.056	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
50	DEAD	1.	0.	2.7	0.104	0.104	
50	live	1.	0.	2.7	0.13	0.13	
58	DEAD	1.	0.	2.7	0.104	0.104	
58	live	1.	0.	2.7	0.13	0.13	
58	w2	1.	0.	2.7	0.056	0.056	
69	DEAD	1.	0.	3.6	0.104	0.104	
69	live	1.	0.	3.6	0.13	0.13	
69	w1	1.	0.	3.6	0.056	0.056	
70	DEAD	1.	0.	3.6	0.104	0.104	
70	live	1.	0.	3.6	0.13	0.13	
70	w1	1.	0.	3.6	0.056	0.056	
71	DEAD	1.	0.	3.6	0.104	0.104	
71	live	1.	0.	3.6	0.13	0.13	
71	w1	1.	0.	3.6	0.056	0.056	
72	DEAD	1.	0.	3.6	0.104	0.104	
72	live	1.	0.	3.6	0.13	0.13	
72	w1	1.	0.	3.6	0.056	0.056	
73	DEAD	1.	0.	3.6	0.104	0.104	
73	live	1.	0.	3.6	0.13	0.13	
73	w1	1.	0.	3.6	0.056	0.056	
74	DEAD	1.	0.	3.6	0.104	0.104	
74	live	1.	0.	3.6	0.13	0.13	
74	w1	1.	0.	3.6	0.056	0.056	
75	DEAD	1.	0.	3.6	0.104	0.104	
75	live	1.	0.	3.6	0.13	0.13	
75	w1	1.	0.	3.6	0.056	0.056	
77	DEAD	1.	0.	3.6	0.497	0.497	
77	live	1.	0.	3.6	0.138	0.138	
78	DEAD	1.	0.	3.6	0.497	0.497	
78	live	1.	0.	3.6	0.138	0.138	
79	DEAD	1.	0.	3.6	0.497	0.497	
79	live	1.	0.	3.6	0.138	0.138	
80	DEAD	1.	0.	3.6	0.497	0.497	
80	live	1.	0.	3.6	0.138	0.138	
81	DEAD	1.	0.	3.6	0.497	0.497	
81	live	1.	0.	3.6	0.138	0.138	
82	DEAD	1.	0.	3.6	0.497	0.497	
82	live	1.	0.	3.6	0.138	0.138	
83	DEAD	1.	0.	3.6	0.497	0.497	
83	live	1.	0.	3.6	0.138	0.138	
85	DEAD	1.	0.	3.6	0.497	0.497	
85	live	1.	0.	3.6	0.138	0.138	
85	w1	1.	0.	3.6	0.056	0.056	
86	DEAD	1.	0.	3.6	0.497	0.497	
86	live	1.	0.	3.6	0.138	0.138	
86	w1	1.	0.	3.6	0.056	0.056	
87	DEAD	1.	0.	3.6	0.497	0.497	
87	live	1.	0.	3.6	0.138	0.138	
87	w1	1.	0.	3.6	0.056	0.056	
88	DEAD	1.	0.	3.6	0.497	0.497	
88	live	1.	0.	3.6	0.138	0.138	
88	w1	1.	0.	3.6	0.056	0.056	
89	DEAD	1.	0.	3.6	0.497	0.497	
89	live	1.	0.	3.6	0.138	0.138	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
89	w1	1.	0.	3.6	0.056	0.056	
90	DEAD	1.	0.	3.6	0.497	0.497	
90	live	1.	0.	3.6	0.138	0.138	
90	w1	1.	0.	3.6	0.056	0.056	
91	DEAD	1.	0.	3.6	0.497	0.497	
91	live	1.	0.	3.6	0.138	0.138	
91	w1	1.	0.	3.6	0.056	0.056	
105	DEAD	1.	0.	1.03501	0.04	0.04	
105	live	1.	0.	1.03501	-0.05	-0.05	
105	w1	1.	0.	1.03501	0.065	0.065	
106	DEAD	1.	0.	1.03501	0.04	0.04	
106	live	1.	0.	1.03501	-0.05	-0.05	
106	w1	1.	0.	1.03501	0.065	0.065	
107	DEAD	1.	0.	1.03501	0.04	0.04	
107	live	1.	0.	1.03501	-0.05	-0.05	
107	w1	1.	0.	1.03501	0.065	0.065	
108	DEAD	1.	0.	1.03501	0.04	0.04	
108	live	1.	0.	1.03501	-0.05	-0.05	
108	w1	1.	0.	1.03501	0.065	0.065	
109	DEAD	1.	0.	1.03501	0.04	0.04	
109	live	1.	0.	1.03501	-0.05	-0.05	
109	w1	1.	0.	1.03501	0.065	0.065	
110	DEAD	1.	0.	1.03501	0.04	0.04	
110	live	1.	0.	1.03501	-0.05	-0.05	
110	w1	1.	0.	1.03501	0.065	0.065	
111	DEAD	1.	0.	1.03501	0.04	0.04	
111	live	1.	0.	1.03501	-0.05	-0.05	
111	w1	1.	0.	1.03501	-0.065	-0.065	
112	DEAD	1.	0.	1.03501	0.04	0.04	
112	live	1.	0.	1.03501	-0.05	-0.05	
112	w1	1.	0.	1.03501	-0.065	-0.065	
113	DEAD	1.	0.	1.03501	0.04	0.04	
113	live	1.	0.	1.03501	-0.05	-0.05	
113	w1	1.	0.	1.03501	-0.065	-0.065	
114	DEAD	1.	0.	1.03501	0.04	0.04	
114	live	1.	0.	1.03501	-0.05	-0.05	
114	w1	1.	0.	1.03501	-0.065	-0.065	
115	DEAD	1.	0.	1.03501	0.04	0.04	
115	live	1.	0.	1.03501	-0.05	-0.05	
115	w1	1.	0.	1.03501	-0.065	-0.065	
116	DEAD	1.	0.	1.03501	0.04	0.04	
116	live	1.	0.	1.03501	-0.05	-0.05	
116	w1	1.	0.	1.03501	-0.065	-0.065	
244	DEAD	1.	0.	1.03501	0.04	0.04	
244	live	1.	0.	1.03501	-0.05	-0.05	
244	w1	1.	0.	1.03501	0.065	0.065	
245	DEAD	1.	0.	1.03501	0.04	0.04	
245	live	1.	0.	1.03501	-0.05	-0.05	
245	w1	1.	0.	1.03501	0.065	0.065	
246	DEAD	1.	0.	1.03501	0.04	0.04	
246	live	1.	0.	1.03501	-0.05	-0.05	
246	w1	1.	0.	1.03501	0.065	0.065	
247	DEAD	1.	0.	1.03501	0.04	0.04	
247	live	1.	0.	1.03501	-0.05	-0.05	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
247	w1	1.	0.	1.03501	0.065	0.065	
248	DEAD	1.	0.	1.03501	0.04	0.04	
248	live	1.	0.	1.03501	-0.05	-0.05	
248	w1	1.	0.	1.03501	0.065	0.065	
249	DEAD	1.	0.	1.03501	0.04	0.04	
249	live	1.	0.	1.03501	-0.05	-0.05	
249	w1	1.	0.	1.03501	0.065	0.065	
250	DEAD	1.	0.	1.03501	0.04	0.04	
250	live	1.	0.	1.03501	-0.05	-0.05	
250	w1	1.	0.	1.03501	-0.065	-0.065	
251	DEAD	1.	0.	1.03501	0.04	0.04	
251	live	1.	0.	1.03501	-0.05	-0.05	
251	w1	1.	0.	1.03501	-0.065	-0.065	
252	DEAD	1.	0.	1.03501	0.04	0.04	
252	live	1.	0.	1.03501	-0.05	-0.05	
252	w1	1.	0.	1.03501	-0.065	-0.065	
253	DEAD	1.	0.	1.03501	0.04	0.04	
253	live	1.	0.	1.03501	-0.05	-0.05	
253	w1	1.	0.	1.03501	-0.065	-0.065	
254	DEAD	1.	0.	1.03501	0.04	0.04	
254	live	1.	0.	1.03501	-0.05	-0.05	
254	w1	1.	0.	1.03501	-0.065	-0.065	
255	DEAD	1.	0.	1.03501	0.04	0.04	
255	live	1.	0.	1.03501	-0.05	-0.05	
255	w1	1.	0.	1.03501	-0.065	-0.065	
268	DEAD	1.	0.	1.95	0.04	0.04	
268	live	1.	0.	1.95	-0.05	-0.05	
268	w1	1.	0.	1.95	0.04	0.04	
277	DEAD	1.	0.	1.95	0.04	0.04	
277	live	1.	0.	1.95	-0.05	-0.05	
277	w1	1.	0.	1.95	0.04	0.04	
278	DEAD	1.	0.	1.95	0.04	0.04	
278	live	1.	0.	1.95	-0.05	-0.05	
278	w1	1.	0.	1.95	0.04	0.04	
287	DEAD	1.	0.	1.95	0.04	0.04	
287	live	1.	0.	1.95	-0.05	-0.05	
287	w1	1.	0.	1.95	0.04	0.04	
288	DEAD	1.	0.	1.95	0.04	0.04	
288	live	1.	0.	1.95	-0.05	-0.05	
288	w1	1.	0.	1.95	0.04	0.04	
297	DEAD	1.	0.	1.95	0.04	0.04	
297	live	1.	0.	1.95	-0.05	-0.05	
297	w1	1.	0.	1.95	0.04	0.04	
298	DEAD	1.	0.	1.95	0.04	0.04	
298	live	1.	0.	1.95	-0.05	-0.05	
298	w1	1.	0.	1.95	0.04	0.04	
307	DEAD	1.	0.	1.95	0.04	0.04	
307	live	1.	0.	1.95	-0.05	-0.05	
307	w1	1.	0.	1.95	0.04	0.04	
308	DEAD	1.	0.	1.95	0.04	0.04	
308	live	1.	0.	1.95	-0.05	-0.05	
308	w1	1.	0.	1.95	0.04	0.04	
317	DEAD	1.	0.	1.95	0.04	0.04	
317	live	1.	0.	1.95	-0.05	-0.05	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
317	w1	1.	0.	1.95	0.04	0.04	
318	DEAD	1.	0.	1.95	0.04	0.04	
318	live	1.	0.	1.95	-0.05	-0.05	
318	w1	1.	0.	1.95	0.04	0.04	
327	DEAD	1.	0.	1.95	0.04	0.04	
327	live	1.	0.	1.95	-0.05	-0.05	
327	w1	1.	0.	1.95	0.04	0.04	
328	DEAD	1.	0.	1.95	0.04	0.04	
328	live	1.	0.	1.95	-0.05	-0.05	
328	w1	1.	0.	1.95	0.04	0.04	
337	DEAD	1.	0.	1.95	0.04	0.04	
337	live	1.	0.	1.95	-0.05	-0.05	
337	w1	1.	0.	1.95	0.04	0.04	
338	DEAD	1.	0.	1.95	0.04	0.04	
338	live	1.	0.	1.95	-0.05	-0.05	
338	w1	1.	0.	1.95	0.04	0.04	
347	DEAD	1.	0.	1.95	0.04	0.04	
347	live	1.	0.	1.95	-0.05	-0.05	
347	w1	1.	0.	1.95	0.04	0.04	
348	DEAD	1.	0.	1.95	0.04	0.04	
348	live	1.	0.	1.95	-0.05	-0.05	
348	w1	1.	0.	1.95	0.04	0.04	
357	DEAD	1.	0.	1.95	0.04	0.04	
357	live	1.	0.	1.95	-0.05	-0.05	
357	w1	1.	0.	1.95	0.04	0.04	
358	DEAD	1.	0.	1.95	0.04	0.04	
358	live	1.	0.	1.95	-0.05	-0.05	
358	w1	1.	0.	1.95	0.04	0.04	
367	DEAD	1.	0.	1.95	0.04	0.04	
367	live	1.	0.	1.95	-0.05	-0.05	
367	w1	1.	0.	1.95	0.04	0.04	
368	DEAD	1.	0.	1.95	0.04	0.04	
368	live	1.	0.	1.95	-0.05	-0.05	
368	w1	1.	0.	1.95	0.04	0.04	
377	DEAD	1.	0.	1.95	0.04	0.04	
377	live	1.	0.	1.95	-0.05	-0.05	
377	w1	1.	0.	1.95	0.04	0.04	
378	DEAD	1.	0.	1.95	0.04	0.04	
378	live	1.	0.	1.95	-0.05	-0.05	
378	w1	1.	0.	1.95	0.04	0.04	
387	DEAD	1.	0.	1.95	0.04	0.04	
387	live	1.	0.	1.95	-0.05	-0.05	
387	w1	1.	0.	1.95	0.04	0.04	
388	DEAD	1.	0.	1.95	0.04	0.04	
388	live	1.	0.	1.95	-0.05	-0.05	
388	w1	1.	0.	1.95	0.04	0.04	
397	DEAD	1.	0.	1.95	0.04	0.04	
397	live	1.	0.	1.95	-0.05	-0.05	
397	w1	1.	0.	1.95	0.04	0.04	
35	DEAD	1.	0.	2.7	1.122	1.122	
35	live	1.	0.	2.7	0.51	0.51	
35	w2	1.	0.	2.7	0.056	0.056	
51	live	1.	0.	3.6	0.51	0.51	
51	DEAD	1.	0.	3.6	0.714	0.714	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
51	w1	1.	0.	3.6	0.056	0.056	
52	live	1.	0.	3.6	0.51	0.51	
52	DEAD	1.	0.	3.6	0.714	0.714	
52	w1	1.	0.	3.6	0.056	0.056	
59	live	1.	0.	3.6	0.51	0.51	
59	DEAD	1.	0.	3.6	0.714	0.714	
59	w1	1.	0.	3.6	0.056	0.056	
60	live	1.	0.	3.6	0.51	0.51	
60	DEAD	1.	0.	3.6	0.714	0.714	
60	w1	1.	0.	3.6	0.056	0.056	
63	live	1.	0.	3.6	0.51	0.51	
63	DEAD	1.	0.	3.6	0.714	0.714	
63	w1	1.	0.	3.6	0.056	0.056	
64	live	1.	0.	3.6	0.51	0.51	
64	DEAD	1.	0.	3.6	0.714	0.714	
64	w1	1.	0.	3.6	0.056	0.056	
65	live	1.	0.	3.6	0.51	0.51	
65	DEAD	1.	0.	3.6	0.714	0.714	
65	w1	1.	0.	3.6	0.056	0.056	
66	DEAD	1.	0.	2.7	1.122	1.122	
66	live	1.	0.	2.7	0.51	0.51	
66	w2	1.	0.	2.7	0.056	0.056	
76	DEAD	1.	0.	2.7	0.795	0.795	
76	live	1.	0.	2.7	1.02	1.02	
76	DEAD	1.	0.	2.7	0.359	0.359	
92	DEAD	1.	0.	2.7	0.795	0.795	
92	live	1.	0.	2.7	1.02	1.02	
92	DEAD	1.	0.	2.7	0.359	0.359	
92	w2	1.	0.	2.7	0.056	0.056	
94	DEAD	1.	0.	2.7	0.795	0.795	
94	live	1.	0.	2.7	1.02	1.02	
94	DEAD	1.	0.	2.7	0.359	0.359	
96	DEAD	1.	0.	2.7	0.795	0.795	
96	live	1.	0.	2.7	1.02	1.02	
96	DEAD	1.	0.	2.7	0.359	0.359	
98	DEAD	1.	0.	2.7	0.795	0.795	
98	live	1.	0.	2.7	1.02	1.02	
98	DEAD	1.	0.	2.7	0.359	0.359	
98	w2	1.	0.	2.7	0.056	0.056	
100	DEAD	1.	0.	2.7	0.795	0.795	
100	live	1.	0.	2.7	1.02	1.02	
100	DEAD	1.	0.	2.7	0.359	0.359	
101	live	1.	0.	3.6	0.51	0.51	
101	DEAD	1.	0.	3.6	0.714	0.714	
102	live	1.	0.	3.6	0.51	0.51	
102	DEAD	1.	0.	3.6	0.714	0.714	
103	live	1.	0.	3.6	0.51	0.51	
103	DEAD	1.	0.	3.6	0.714	0.714	
104	live	1.	0.	3.6	0.51	0.51	
104	DEAD	1.	0.	3.6	0.714	0.714	
117	live	1.	0.	3.6	0.51	0.51	
117	DEAD	1.	0.	3.6	0.714	0.714	
118	live	1.	0.	3.6	0.51	0.51	
118	DEAD	1.	0.	3.6	0.714	0.714	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
135	live	1.	0.	3.6	0.51	0.51	
135	DEAD	1.	0.	3.6	0.714	0.714	
136	DEAD	1.	0.	3.6	0.497	0.497	
136	live	1.	0.	3.6	0.138	0.138	
136	w1	1.	0.	3.6	0.056	0.056	
137	live	1.	0.	3.6	0.51	0.51	
137	DEAD	1.	0.	3.6	0.714	0.714	
137	w1	1.	0.	3.6	0.056	0.056	
138	DEAD	1.	0.	3.6	0.497	0.497	
138	live	1.	0.	3.6	0.138	0.138	
138	w1	1.	0.	3.6	0.056	0.056	
139	DEAD	1.	0.	3.6	0.497	0.497	
139	live	1.	0.	3.6	0.138	0.138	
139	w1	1.	0.	3.6	0.056	0.056	
140	DEAD	1.	0.	3.6	0.497	0.497	
140	live	1.	0.	3.6	0.138	0.138	
140	w1	1.	0.	3.6	0.056	0.056	
141	DEAD	1.	0.	3.6	0.497	0.497	
141	live	1.	0.	3.6	0.138	0.138	
141	w1	1.	0.	3.6	0.056	0.056	
142	DEAD	1.	0.	3.6	0.497	0.497	
142	live	1.	0.	3.6	0.138	0.138	
142	w1	1.	0.	3.6	0.056	0.056	
143	DEAD	1.	0.	2.7	0.795	0.795	
143	live	1.	0.	2.7	1.02	1.02	
145	DEAD	1.	0.	2.7	0.795	0.795	
145	live	1.	0.	2.7	1.02	1.02	
145	DEAD	1.	0.	2.7	0.359	0.359	
147	DEAD	1.	0.	2.7	0.795	0.795	
147	live	1.	0.	2.7	1.02	1.02	
147	DEAD	1.	0.	2.7	0.359	0.359	
150	DEAD	1.	0.	2.7	0.795	0.795	
150	live	1.	0.	2.7	1.02	1.02	
152	DEAD	1.	0.	2.7	0.795	0.795	
152	live	1.	0.	2.7	1.02	1.02	
155	DEAD	1.	0.	2.7	0.795	0.795	
155	live	1.	0.	2.7	1.02	1.02	
157	DEAD	1.	0.	2.7	0.795	0.795	
157	live	1.	0.	2.7	1.02	1.02	
206	DEAD	1.	0.	3.75	1.122	1.122	
206	live	1.	0.	3.75	0.51	0.51	
206	w2	1.	0.	3.75	0.056	0.056	
207	DEAD	1.	0.	3.75	1.122	1.122	
207	live	1.	0.	3.75	0.51	0.51	
207	w2	1.	0.	3.75	0.056	0.056	
209	DEAD	1.	0.	3.75	1.122	1.122	
209	live	1.	0.	3.75	0.51	0.51	
209	w2	1.	0.	3.75	0.056	0.056	
210	DEAD	1.	0.	3.75	1.122	1.122	
210	live	1.	0.	3.75	0.51	0.51	
210	w2	1.	0.	3.75	0.056	0.056	
211	DEAD	1.	0.	3.75	0.795	0.795	
211	live	1.	0.	3.75	1.02	1.02	
212	DEAD	1.	0.	3.75	0.795	0.795	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
212	live	1.	0.	3.75	1.02	1.02	
213	DEAD	1.	0.	3.75	0.795	0.795	
213	live	1.	0.	3.75	1.02	1.02	
213	w2	1.	0.	3.75	0.056	0.056	
215	DEAD	1.	0.	3.75	0.795	0.795	
215	live	1.	0.	3.75	1.02	1.02	
215	w2	1.	0.	3.75	0.056	0.056	
216	DEAD	1.	0.	3.75	0.795	0.795	
216	live	1.	0.	3.75	1.02	1.02	
217	DEAD	1.	0.	3.75	0.795	0.795	
217	live	1.	0.	3.75	1.02	1.02	
218	DEAD	1.	0.	3.75	0.795	0.795	
218	live	1.	0.	3.75	1.02	1.02	
219	DEAD	1.	0.	3.75	0.795	0.795	
219	live	1.	0.	3.75	1.02	1.02	
221	DEAD	1.	0.	3.75	0.795	0.795	
221	live	1.	0.	3.75	1.02	1.02	
221	w2	1.	0.	3.75	0.056	0.056	
222	DEAD	1.	0.	3.75	0.795	0.795	
222	live	1.	0.	3.75	1.02	1.02	
222	w2	1.	0.	3.75	0.056	0.056	
223	DEAD	1.	0.	3.75	0.795	0.795	
223	live	1.	0.	3.75	1.02	1.02	
224	DEAD	1.	0.	3.75	0.795	0.795	
224	live	1.	0.	3.75	1.02	1.02	
225	DEAD	1.	0.	3.75	0.795	0.795	
225	live	1.	0.	3.75	1.02	1.02	
227	DEAD	1.	0.	3.75	0.497	0.497	
227	live	1.	0.	3.75	0.138	0.138	
228	DEAD	1.	0.	3.75	0.795	0.795	
228	live	1.	0.	3.75	1.02	1.02	
229	DEAD	1.	0.	3.75	0.795	0.795	
229	live	1.	0.	3.75	1.02	1.02	
230	DEAD	1.	0.	3.75	0.795	0.795	
230	live	1.	0.	3.75	1.02	1.02	
231	DEAD	1.	0.	3.75	0.795	0.795	
231	live	1.	0.	3.75	1.02	1.02	
233	DEAD	1.	0.	3.75	0.795	0.795	
233	live	1.	0.	3.75	1.02	1.02	
234	DEAD	1.	0.	3.75	0.795	0.795	
234	live	1.	0.	3.75	1.02	1.02	
235	DEAD	1.	0.	3.75	0.795	0.795	
235	live	1.	0.	3.75	1.02	1.02	
236	DEAD	1.	0.	3.75	0.497	0.497	
236	live	1.	0.	3.75	0.138	0.138	
237	DEAD	1.	0.	3.75	0.795	0.795	
237	live	1.	0.	3.75	1.02	1.02	
239	DEAD	1.	0.	3.75	0.497	0.497	
239	live	1.	0.	3.75	0.138	0.138	
240	DEAD	1.	0.	3.75	0.795	0.795	
240	live	1.	0.	3.75	1.02	1.02	
241	DEAD	1.	0.	3.75	0.497	0.497	
241	live	1.	0.	3.75	0.138	0.138	
242	DEAD	1.	0.	3.6	0.357	0.357	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
242	live	1.	0.	3.6	0.51	0.51	
256	DEAD	1.	0.	3.6	0.357	0.357	
256	live	1.	0.	3.6	0.51	0.51	
258	DEAD	1.	0.	3.6	0.357	0.357	
258	live	1.	0.	3.6	0.51	0.51	
260	DEAD	1.	0.	3.6	0.357	0.357	
260	live	1.	0.	3.6	0.51	0.51	
262	DEAD	1.	0.	3.6	0.357	0.357	
262	live	1.	0.	3.6	0.51	0.51	
264	DEAD	1.	0.	3.6	0.357	0.357	
264	live	1.	0.	3.6	0.51	0.51	
266	DEAD	1.	0.	3.6	0.357	0.357	
266	live	1.	0.	3.6	0.51	0.51	
11	DEAD	1.	0.	1.475	0.796	0.796	
11	live	1.	0.	1.475	0.51	0.51	
67	DEAD	1.	0.	1.475	0.796	0.796	
67	live	1.	0.	1.475	0.51	0.51	
68	DEAD	1.	0.	1.475	0.795	0.795	
68	live	1.	0.	1.475	1.02	1.02	
84	DEAD	1.	0.	1.475	0.497	0.497	
84	live	1.	0.	1.475	0.138	0.138	
93	DEAD	1.	0.	1.475	0.795	0.795	
93	live	1.	0.	1.475	1.02	1.02	
95	DEAD	1.	0.	1.475	0.795	0.795	
95	live	1.	0.	1.475	1.02	1.02	
97	DEAD	1.	0.	1.475	0.795	0.795	
97	live	1.	0.	1.475	1.02	1.02	
99	DEAD	1.	0.	1.475	0.795	0.795	
99	live	1.	0.	1.475	1.02	1.02	
144	DEAD	1.	0.	3.6	0.497	0.497	
144	live	1.	0.	3.6	0.138	0.138	
146	DEAD	1.	0.	3.6	0.497	0.497	
146	live	1.	0.	3.6	0.138	0.138	
151	DEAD	1.	0.	3.6	0.497	0.497	
151	live	1.	0.	3.6	0.138	0.138	
153	DEAD	1.	0.	3.6	0.497	0.497	
153	live	1.	0.	3.6	0.138	0.138	
156	DEAD	1.	0.	3.6	0.497	0.497	
156	live	1.	0.	3.6	0.138	0.138	
158	DEAD	1.	0.	3.6	0.497	0.497	
158	live	1.	0.	3.6	0.138	0.138	
188	DEAD	1.	0.	1.475	0.497	0.497	
188	live	1.	0.	1.475	0.138	0.138	
189	DEAD	1.	0.	1.475	0.795	0.795	
189	live	1.	0.	1.475	1.02	1.02	
191	DEAD	1.	0.	1.475	0.795	0.795	
191	live	1.	0.	1.475	1.02	1.02	
192	DEAD	1.	0.	1.475	0.795	0.795	
192	live	1.	0.	1.475	1.02	1.02	
193	DEAD	1.	0.	1.475	0.795	0.795	
193	live	1.	0.	1.475	1.02	1.02	
194	DEAD	1.	0.	1.475	0.497	0.497	
194	live	1.	0.	1.475	0.138	0.138	
195	DEAD	1.	0.	1.475	0.497	0.497	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
195	live	1.	0.	1.475	0.138	0.138	
419	DEAD	1.	0.	1.8	0.04	0.04	
419	live	1.	0.	1.8	-0.05	-0.05	
419	w1	1.	0.	1.8	0.04	0.04	
420	DEAD	1.	0.	1.8	0.04	0.04	
420	live	1.	0.	1.8	-0.05	-0.05	
420	w1	1.	0.	1.8	0.04	0.04	
243	DEAD	1.	0.	0.95	0.795	0.795	
243	live	1.	0.	0.95	1.02	1.02	
257	DEAD	1.	0.	0.95	0.795	0.795	
257	live	1.	0.	0.95	1.02	1.02	
259	DEAD	1.	0.	0.95	0.795	0.795	
259	live	1.	0.	0.95	1.02	1.02	
261	DEAD	1.	0.	3.6	0.357	0.357	
261	live	1.	0.	3.6	0.51	0.51	
263	DEAD	1.	0.	0.95	0.795	0.795	
263	live	1.	0.	0.95	1.02	1.02	
265	DEAD	1.	0.	0.95	0.795	0.795	
265	live	1.	0.	0.95	1.02	1.02	
267	DEAD	1.	0.	3.6	0.357	0.357	
267	live	1.	0.	3.6	0.51	0.51	
276	DEAD	1.	0.	1.03501	0.04	0.04	
276	live	1.	0.	1.03501	-0.05	-0.05	
276	w1	1.	0.	1.03501	0.065	0.065	
281	DEAD	1.	0.	1.03501	0.04	0.04	
281	live	1.	0.	1.03501	-0.05	-0.05	
281	w1	1.	0.	1.03501	0.065	0.065	
282	DEAD	1.	0.	1.03501	0.04	0.04	
282	live	1.	0.	1.03501	-0.05	-0.05	
282	w1	1.	0.	1.03501	0.065	0.065	
283	DEAD	1.	0.	1.03501	0.04	0.04	
283	live	1.	0.	1.03501	-0.05	-0.05	
283	w1	1.	0.	1.03501	0.065	0.065	
291	DEAD	1.	0.	1.03501	0.04	0.04	
291	live	1.	0.	1.03501	-0.05	-0.05	
291	w1	1.	0.	1.03501	0.065	0.065	
292	DEAD	1.	0.	1.03501	0.04	0.04	
292	live	1.	0.	1.03501	-0.05	-0.05	
292	w1	1.	0.	1.03501	0.065	0.065	
293	DEAD	1.	0.	1.03501	0.04	0.04	
293	live	1.	0.	1.03501	-0.05	-0.05	
293	w1	1.	0.	1.03501	-0.065	-0.065	
296	DEAD	1.	0.	1.03501	0.04	0.04	
296	live	1.	0.	1.03501	-0.05	-0.05	
296	w1	1.	0.	1.03501	-0.065	-0.065	
301	DEAD	1.	0.	1.03501	0.04	0.04	
301	live	1.	0.	1.03501	-0.05	-0.05	
301	w1	1.	0.	1.03501	-0.065	-0.065	
302	DEAD	1.	0.	1.03501	0.04	0.04	
302	live	1.	0.	1.03501	-0.05	-0.05	
302	w1	1.	0.	1.03501	-0.065	-0.065	
303	DEAD	1.	0.	1.03501	0.04	0.04	
303	live	1.	0.	1.03501	-0.05	-0.05	
303	w1	1.	0.	1.03501	-0.065	-0.065	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
306	DEAD	1.	0.	1.03501	0.04	0.04	
306	live	1.	0.	1.03501	-0.05	-0.05	
306	w1	1.	0.	1.03501	-0.065	-0.065	
312	DEAD	1.	0.	1.95	0.04	0.04	
312	live	1.	0.	1.95	-0.05	-0.05	
312	w1	1.	0.	1.95	0.04	0.04	
313	DEAD	1.	0.	1.95	0.04	0.04	
313	live	1.	0.	1.95	-0.05	-0.05	
313	w1	1.	0.	1.95	0.04	0.04	
316	DEAD	1.	0.	1.95	0.04	0.04	
316	live	1.	0.	1.95	-0.05	-0.05	
316	w1	1.	0.	1.95	0.04	0.04	
321	DEAD	1.	0.	1.95	0.04	0.04	
321	live	1.	0.	1.95	-0.05	-0.05	
321	w1	1.	0.	1.95	0.04	0.04	
322	DEAD	1.	0.	1.95	0.04	0.04	
322	live	1.	0.	1.95	-0.05	-0.05	
322	w1	1.	0.	1.95	0.04	0.04	
323	DEAD	1.	0.	1.95	0.04	0.04	
323	live	1.	0.	1.95	-0.05	-0.05	
323	DEAD	1.	0.	1.95	0.04	0.04	
323	live	1.	0.	1.95	-0.05	-0.05	
323	w1	1.	0.	1.95	0.04	0.04	
326	DEAD	1.	0.	1.95	0.04	0.04	
326	live	1.	0.	1.95	-0.05	-0.05	
326	w1	1.	0.	1.95	0.04	0.04	
336	DEAD	1.	0.	1.95	0.04	0.04	
336	live	1.	0.	1.95	-0.05	-0.05	
336	w1	1.	0.	1.95	0.04	0.04	
341	DEAD	1.	0.	1.95	0.04	0.04	
341	live	1.	0.	1.95	-0.05	-0.05	
341	w1	1.	0.	1.95	0.04	0.04	
342	DEAD	1.	0.	1.95	0.04	0.04	
342	live	1.	0.	1.95	-0.05	-0.05	
342	w1	1.	0.	1.95	0.04	0.04	
343	DEAD	1.	0.	1.95	0.04	0.04	
343	live	1.	0.	1.95	-0.05	-0.05	
343	w1	1.	0.	1.95	0.04	0.04	
346	DEAD	1.	0.	1.95	0.04	0.04	
346	live	1.	0.	1.95	-0.05	-0.05	
346	w1	1.	0.	1.95	0.04	0.04	
353	DEAD	1.	0.	1.03501	0.04	0.04	
353	live	1.	0.	1.03501	-0.05	-0.05	
353	w1	1.	0.	1.03501	0.065	0.065	
356	DEAD	1.	0.	1.03501	0.04	0.04	
356	live	1.	0.	1.03501	-0.05	-0.05	
356	w1	1.	0.	1.03501	0.065	0.065	
359	DEAD	1.	0.	1.03501	0.04	0.04	
359	live	1.	0.	1.03501	-0.05	-0.05	
359	w1	1.	0.	1.03501	0.065	0.065	
361	DEAD	1.	0.	1.03501	0.04	0.04	
361	live	1.	0.	1.03501	-0.05	-0.05	
361	w1	1.	0.	1.03501	0.065	0.065	
362	DEAD	1.	0.	1.03501	0.04	0.04	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
362	live	1.	0.	1.03501	-0.05	-0.05	
362	w1	1.	0.	1.03501	0.065	0.065	
363	DEAD	1.	0.	1.03501	0.04	0.04	
363	live	1.	0.	1.03501	-0.05	-0.05	
363	w1	1.	0.	1.03501	0.065	0.065	
366	DEAD	1.	0.	1.03501	0.04	0.04	
366	live	1.	0.	1.03501	-0.05	-0.05	
366	w1	1.	0.	1.03501	-0.065	-0.065	
371	DEAD	1.	0.	1.03501	0.04	0.04	
371	live	1.	0.	1.03501	-0.05	-0.05	
371	w1	1.	0.	1.03501	-0.065	-0.065	
372	DEAD	1.	0.	1.03501	0.04	0.04	
372	live	1.	0.	1.03501	-0.05	-0.05	
372	w1	1.	0.	1.03501	-0.065	-0.065	
373	DEAD	1.	0.	1.03501	0.04	0.04	
373	live	1.	0.	1.03501	-0.05	-0.05	
373	w1	1.	0.	1.03501	-0.065	-0.065	
376	DEAD	1.	0.	1.03501	0.04	0.04	
376	live	1.	0.	1.03501	-0.05	-0.05	
376	w1	1.	0.	1.03501	-0.065	-0.065	
381	DEAD	1.	0.	1.03501	0.04	0.04	
381	live	1.	0.	1.03501	-0.05	-0.05	
381	w1	1.	0.	1.03501	-0.065	-0.065	
382	DEAD	1.	0.	1.95	0.04	0.04	
382	live	1.	0.	1.95	-0.05	-0.05	
382	w1	1.	0.	1.95	0.04	0.04	
383	DEAD	1.	0.	1.95	0.04	0.04	
383	live	1.	0.	1.95	-0.05	-0.05	
383	w1	1.	0.	1.95	0.04	0.04	
386	DEAD	1.	0.	1.95	0.04	0.04	
386	live	1.	0.	1.95	-0.05	-0.05	
386	w1	1.	0.	1.95	0.04	0.04	
391	DEAD	1.	0.	1.95	0.04	0.04	
391	live	1.	0.	1.95	-0.05	-0.05	
391	w1	1.	0.	1.95	0.04	0.04	
392	DEAD	1.	0.	1.95	0.04	0.04	
392	live	1.	0.	1.95	-0.05	-0.05	
392	w1	1.	0.	1.95	0.04	0.04	
393	DEAD	1.	0.	1.95	0.04	0.04	
393	live	1.	0.	1.95	-0.05	-0.05	
393	w1	1.	0.	1.95	0.04	0.04	
396	DEAD	1.	0.	1.95	0.04	0.04	
396	live	1.	0.	1.95	-0.05	-0.05	
396	w1	1.	0.	1.95	0.04	0.04	
398	DEAD	1.	0.	1.95	0.04	0.04	
398	live	1.	0.	1.95	-0.05	-0.05	
398	w1	1.	0.	1.95	0.04	0.04	
399	DEAD	1.	0.	1.95	0.04	0.04	
399	live	1.	0.	1.95	-0.05	-0.05	
399	w1	1.	0.	1.95	0.04	0.04	
400	DEAD	1.	0.	1.95	0.04	0.04	
400	live	1.	0.	1.95	-0.05	-0.05	
400	w1	1.	0.	1.95	0.04	0.04	
401	DEAD	1.	0.	1.95	0.04	0.04	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
401	live	1.	0.	1.95	-0.05	-0.05	
401	w1	1.	0.	1.95	0.04	0.04	
407	DEAD	1.	0.	1.95	0.04	0.04	
407	live	1.	0.	1.95	-0.05	-0.05	
407	w1	1.	0.	1.95	0.04	0.04	
410	DEAD	1.	0.	1.95	0.04	0.04	
410	live	1.	0.	1.95	-0.05	-0.05	
410	w1	1.	0.	1.95	0.04	0.04	
411	DEAD	1.	0.	1.95	0.04	0.04	
411	live	1.	0.	1.95	-0.05	-0.05	
411	w1	1.	0.	1.95	0.04	0.04	
526	DEAD	1.	0.	1.8	0.04	0.04	
526	live	1.	0.	1.8	-0.05	-0.05	
526	w1	1.	0.	1.8	0.04	0.04	
527	DEAD	1.	0.	1.8	0.04	0.04	
527	live	1.	0.	1.8	-0.05	-0.05	
527	w1	1.	0.	1.8	0.04	0.04	
528	DEAD	1.	0.	1.8	0.04	0.04	
528	live	1.	0.	1.8	-0.05	-0.05	
528	w1	1.	0.	1.8	0.04	0.04	
529	DEAD	1.	0.	1.8	0.04	0.04	
529	live	1.	0.	1.8	-0.05	-0.05	
529	w1	1.	0.	1.8	0.04	0.04	
530	DEAD	1.	0.	1.8	0.04	0.04	
530	live	1.	0.	1.8	-0.05	-0.05	
530	w1	1.	0.	1.8	0.04	0.04	
531	DEAD	1.	0.	1.8	0.04	0.04	
531	live	1.	0.	1.8	-0.05	-0.05	
531	w1	1.	0.	1.8	0.04	0.04	
532	DEAD	1.	0.	1.8	0.04	0.04	
532	live	1.	0.	1.8	-0.05	-0.05	
532	w1	1.	0.	1.8	0.04	0.04	
533	DEAD	1.	0.	1.8	0.04	0.04	
533	live	1.	0.	1.8	-0.05	-0.05	
533	w1	1.	0.	1.8	0.04	0.04	
534	DEAD	1.	0.	1.8	0.04	0.04	
534	live	1.	0.	1.8	-0.05	-0.05	
534	w1	1.	0.	1.8	0.04	0.04	
535	DEAD	1.	0.	1.8	0.04	0.04	
535	live	1.	0.	1.8	-0.05	-0.05	
535	w1	1.	0.	1.8	0.04	0.04	
536	DEAD	1.	0.	1.8	0.04	0.04	
536	live	1.	0.	1.8	-0.05	-0.05	
536	w1	1.	0.	1.8	0.04	0.04	
537	DEAD	1.	0.	1.8	0.04	0.04	
537	live	1.	0.	1.8	-0.05	-0.05	
537	w1	1.	0.	1.8	0.04	0.04	
538	DEAD	1.	0.	1.8	0.04	0.04	
538	live	1.	0.	1.8	-0.05	-0.05	
538	w1	1.	0.	1.8	0.04	0.04	
539	DEAD	1.	0.	1.8	0.04	0.04	
539	live	1.	0.	1.8	-0.05	-0.05	
539	w1	1.	0.	1.8	0.04	0.04	
540	DEAD	1.	0.	1.8	0.04	0.04	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
540	live	1.	0.	1.8	-0.05	-0.05	
540	w1	1.	0.	1.8	0.04	0.04	
541	DEAD	1.	0.	1.8	0.04	0.04	
541	live	1.	0.	1.8	-0.05	-0.05	
541	w1	1.	0.	1.8	0.04	0.04	
542	DEAD	1.	0.	1.8	0.04	0.04	
542	live	1.	0.	1.8	-0.05	-0.05	
542	w1	1.	0.	1.8	0.04	0.04	
543	DEAD	1.	0.	1.8	0.04	0.04	
543	live	1.	0.	1.8	-0.05	-0.05	
543	w1	1.	0.	1.8	0.04	0.04	
544	DEAD	1.	0.	1.8	0.04	0.04	
544	live	1.	0.	1.8	-0.05	-0.05	
544	w1	1.	0.	1.8	0.04	0.04	
545	DEAD	1.	0.	1.8	0.04	0.04	
545	live	1.	0.	1.8	-0.05	-0.05	
545	w1	1.	0.	1.8	0.04	0.04	
546	DEAD	1.	0.	1.8	0.04	0.04	
546	live	1.	0.	1.8	-0.05	-0.05	
546	w1	1.	0.	1.8	0.04	0.04	
547	DEAD	1.	0.	1.8	0.04	0.04	
547	live	1.	0.	1.8	-0.05	-0.05	
547	w1	1.	0.	1.8	0.04	0.04	
548	DEAD	1.	0.	1.8	0.04	0.04	
548	live	1.	0.	1.8	-0.05	-0.05	
548	w1	1.	0.	1.8	0.04	0.04	
549	DEAD	1.	0.	1.8	0.04	0.04	
549	live	1.	0.	1.8	-0.05	-0.05	
549	w1	1.	0.	1.8	0.04	0.04	
550	DEAD	1.	0.	1.8	0.04	0.04	
550	live	1.	0.	1.8	-0.05	-0.05	
550	w1	1.	0.	1.8	0.04	0.04	
551	DEAD	1.	0.	1.8	0.04	0.04	
551	live	1.	0.	1.8	-0.05	-0.05	
551	w1	1.	0.	1.8	0.04	0.04	
552	DEAD	1.	0.	1.8	0.04	0.04	
552	live	1.	0.	1.8	-0.05	-0.05	
552	w1	1.	0.	1.8	0.04	0.04	
553	DEAD	1.	0.	1.8	0.04	0.04	
553	live	1.	0.	1.8	-0.05	-0.05	
553	w1	1.	0.	1.8	0.04	0.04	
554	DEAD	1.	0.	1.8	0.04	0.04	
554	live	1.	0.	1.8	-0.05	-0.05	
554	w1	1.	0.	1.8	0.04	0.04	
555	DEAD	1.	0.	1.8	0.04	0.04	
555	live	1.	0.	1.8	-0.05	-0.05	
555	w1	1.	0.	1.8	0.04	0.04	
556	DEAD	1.	0.	1.8	0.04	0.04	
556	live	1.	0.	1.8	-0.05	-0.05	
556	w1	1.	0.	1.8	0.04	0.04	
557	DEAD	1.	0.	1.8	0.04	0.04	
557	live	1.	0.	1.8	-0.05	-0.05	
557	w1	1.	0.	1.8	0.04	0.04	
558	DEAD	1.	0.	1.8	0.04	0.04	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
558	live	1.	0.	1.8	-0.05	-0.05	
558	w1	1.	0.	1.8	0.04	0.04	
559	DEAD	1.	0.	1.8	0.04	0.04	
559	live	1.	0.	1.8	-0.05	-0.05	
559	w1	1.	0.	1.8	0.04	0.04	
560	DEAD	1.	0.	1.8	0.04	0.04	
560	live	1.	0.	1.8	-0.05	-0.05	
560	w1	1.	0.	1.8	0.04	0.04	
561	DEAD	1.	0.	1.8	0.04	0.04	
561	live	1.	0.	1.8	-0.05	-0.05	
561	w1	1.	0.	1.8	0.04	0.04	
562	DEAD	1.	0.	1.8	0.04	0.04	
562	live	1.	0.	1.8	-0.05	-0.05	
562	w1	1.	0.	1.8	0.04	0.04	
563	DEAD	1.	0.	1.8	0.04	0.04	
563	live	1.	0.	1.8	-0.05	-0.05	
563	w1	1.	0.	1.8	0.04	0.04	
564	DEAD	1.	0.	1.8	0.04	0.04	
564	live	1.	0.	1.8	-0.05	-0.05	
564	w1	1.	0.	1.8	0.04	0.04	
565	DEAD	1.	0.	1.8	0.04	0.04	
565	live	1.	0.	1.8	-0.05	-0.05	
565	w1	1.	0.	1.8	0.04	0.04	
566	DEAD	1.	0.	1.8	0.04	0.04	
566	live	1.	0.	1.8	-0.05	-0.05	
566	w1	1.	0.	1.8	0.04	0.04	
567	DEAD	1.	0.	1.8	0.04	0.04	
567	live	1.	0.	1.8	-0.05	-0.05	
567	w1	1.	0.	1.8	0.04	0.04	
568	DEAD	1.	0.	1.8	0.04	0.04	
568	live	1.	0.	1.8	-0.05	-0.05	
568	w1	1.	0.	1.8	0.04	0.04	
569	DEAD	1.	0.	1.8	0.04	0.04	
569	live	1.	0.	1.8	-0.05	-0.05	
569	w1	1.	0.	1.8	0.04	0.04	
570	DEAD	1.	0.	1.8	0.04	0.04	
570	live	1.	0.	1.8	-0.05	-0.05	
570	w1	1.	0.	1.8	0.04	0.04	
571	DEAD	1.	0.	1.8	0.04	0.04	
571	live	1.	0.	1.8	-0.05	-0.05	
571	w1	1.	0.	1.8	0.04	0.04	
572	DEAD	1.	0.	1.8	0.04	0.04	
572	live	1.	0.	1.8	-0.05	-0.05	
572	w1	1.	0.	1.8	0.04	0.04	
573	DEAD	1.	0.	1.8	0.04	0.04	
573	live	1.	0.	1.8	-0.05	-0.05	
573	w1	1.	0.	1.8	0.04	0.04	
574	DEAD	1.	0.	1.8	0.04	0.04	
574	live	1.	0.	1.8	-0.05	-0.05	
574	w1	1.	0.	1.8	0.04	0.04	
575	DEAD	1.	0.	1.8	0.04	0.04	
575	live	1.	0.	1.8	-0.05	-0.05	
575	w1	1.	0.	1.8	0.04	0.04	
576	DEAD	1.	0.	1.8	0.04	0.04	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
576	live	1.	0.	1.8	-0.05	-0.05	
576	w1	1.	0.	1.8	0.04	0.04	
577	DEAD	1.	0.	1.8	0.04	0.04	
577	live	1.	0.	1.8	-0.05	-0.05	
577	w1	1.	0.	1.8	0.04	0.04	
578	DEAD	1.	0.	1.8	0.04	0.04	
578	live	1.	0.	1.8	-0.05	-0.05	
578	w1	1.	0.	1.8	0.04	0.04	
579	DEAD	1.	0.	1.8	0.04	0.04	
579	live	1.	0.	1.8	-0.05	-0.05	
579	w1	1.	0.	1.8	0.04	0.04	
580	DEAD	1.	0.	1.8	0.04	0.04	
580	live	1.	0.	1.8	-0.05	-0.05	
580	w1	1.	0.	1.8	0.04	0.04	
581	DEAD	1.	0.	1.8	0.04	0.04	
581	live	1.	0.	1.8	-0.05	-0.05	
581	w1	1.	0.	1.8	0.04	0.04	
582	DEAD	1.	0.	1.8	0.04	0.04	
582	live	1.	0.	1.8	-0.05	-0.05	
582	w1	1.	0.	1.8	0.04	0.04	
583	DEAD	1.	0.	1.8	0.04	0.04	
583	live	1.	0.	1.8	-0.05	-0.05	
583	w1	1.	0.	1.8	0.04	0.04	
584	DEAD	1.	0.	1.8	0.04	0.04	
584	live	1.	0.	1.8	-0.05	-0.05	
584	w1	1.	0.	1.8	0.04	0.04	
585	DEAD	1.	0.	1.8	0.04	0.04	
585	live	1.	0.	1.8	-0.05	-0.05	
585	w1	1.	0.	1.8	0.04	0.04	
586	DEAD	1.	0.	1.8	0.04	0.04	
586	live	1.	0.	1.8	-0.05	-0.05	
586	w1	1.	0.	1.8	0.04	0.04	
587	DEAD	1.	0.	1.8	0.04	0.04	
587	live	1.	0.	1.8	-0.05	-0.05	
587	w1	1.	0.	1.8	0.04	0.04	
588	DEAD	1.	0.	1.8	0.04	0.04	
588	live	1.	0.	1.8	-0.05	-0.05	
588	w1	1.	0.	1.8	0.04	0.04	
589	DEAD	1.	0.	1.8	0.04	0.04	
589	live	1.	0.	1.8	-0.05	-0.05	
589	w1	1.	0.	1.8	0.04	0.04	
590	DEAD	1.	0.	1.8	0.04	0.04	
590	live	1.	0.	1.8	-0.05	-0.05	
590	w1	1.	0.	1.8	0.04	0.04	
591	DEAD	1.	0.	1.8	0.04	0.04	
591	live	1.	0.	1.8	-0.05	-0.05	
591	w1	1.	0.	1.8	0.04	0.04	
592	DEAD	1.	0.	1.8	0.04	0.04	
592	live	1.	0.	1.8	-0.05	-0.05	
592	w1	1.	0.	1.8	0.04	0.04	
593	DEAD	1.	0.	1.8	0.04	0.04	
593	live	1.	0.	1.8	-0.05	-0.05	
593	w1	1.	0.	1.8	0.04	0.04	
594	DEAD	1.	0.	1.8	0.04	0.04	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
594	live	1.	0.	1.8	-0.05	-0.05	
594	w1	1.	0.	1.8	0.04	0.04	
595	DEAD	1.	0.	1.8	0.04	0.04	
595	live	1.	0.	1.8	-0.05	-0.05	
595	w1	1.	0.	1.8	0.04	0.04	
596	DEAD	1.	0.	1.8	0.04	0.04	
596	live	1.	0.	1.8	-0.05	-0.05	
596	w1	1.	0.	1.8	0.04	0.04	
597	DEAD	1.	0.	1.8	0.04	0.04	
597	live	1.	0.	1.8	-0.05	-0.05	
597	w1	1.	0.	1.8	0.04	0.04	
598	DEAD	1.	0.	1.8	0.04	0.04	
598	live	1.	0.	1.8	-0.05	-0.05	
598	w1	1.	0.	1.8	0.04	0.04	
599	DEAD	1.	0.	1.8	0.04	0.04	
599	live	1.	0.	1.8	-0.05	-0.05	
599	w1	1.	0.	1.8	0.04	0.04	
600	DEAD	1.	0.	1.8	0.04	0.04	
600	live	1.	0.	1.8	-0.05	-0.05	
600	w1	1.	0.	1.8	0.04	0.04	
601	DEAD	1.	0.	1.8	0.04	0.04	
601	live	1.	0.	1.8	-0.05	-0.05	
601	w1	1.	0.	1.8	0.04	0.04	
602	DEAD	1.	0.	1.8	0.04	0.04	
602	live	1.	0.	1.8	-0.05	-0.05	
602	w1	1.	0.	1.8	0.04	0.04	
603	DEAD	1.	0.	1.8	0.04	0.04	
603	live	1.	0.	1.8	-0.05	-0.05	
603	w1	1.	0.	1.8	0.04	0.04	
604	DEAD	1.	0.	1.8	0.04	0.04	
604	live	1.	0.	1.8	-0.05	-0.05	
604	w1	1.	0.	1.8	0.04	0.04	
605	DEAD	1.	0.	1.8	0.04	0.04	
605	live	1.	0.	1.8	-0.05	-0.05	
605	w1	1.	0.	1.8	0.04	0.04	
606	DEAD	1.	0.	1.8	0.04	0.04	
606	live	1.	0.	1.8	-0.05	-0.05	
606	w1	1.	0.	1.8	0.04	0.04	
607	DEAD	1.	0.	1.8	0.04	0.04	
607	live	1.	0.	1.8	-0.05	-0.05	
607	w1	1.	0.	1.8	0.04	0.04	
608	DEAD	1.	0.	1.8	0.04	0.04	
608	live	1.	0.	1.8	-0.05	-0.05	
608	w1	1.	0.	1.8	0.04	0.04	
609	DEAD	1.	0.	1.8	0.04	0.04	
609	live	1.	0.	1.8	-0.05	-0.05	
609	w1	1.	0.	1.8	0.04	0.04	
610	DEAD	1.	0.	1.8	0.04	0.04	
610	live	1.	0.	1.8	-0.05	-0.05	
610	w1	1.	0.	1.8	0.04	0.04	
611	DEAD	1.	0.	1.8	0.04	0.04	
611	live	1.	0.	1.8	-0.05	-0.05	
611	w1	1.	0.	1.8	0.04	0.04	
612	DEAD	1.	0.	1.8	0.04	0.04	

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB	MOverLA
			m	m	Tonf/m	Tonf/m	Tonf-m/m
612	live	1.	0.	1.8	-0.05	-0.05	
612	w1	1.	0.	1.8	0.04	0.04	
613	DEAD	1.	0.	1.8	0.04	0.04	
613	live	1.	0.	1.8	-0.05	-0.05	
613	w1	1.	0.	1.8	0.04	0.04	
614	DEAD	1.	0.	1.8	0.04	0.04	
614	live	1.	0.	1.8	-0.05	-0.05	
614	w1	1.	0.	1.8	0.04	0.04	
615	DEAD	1.	0.	1.8	0.04	0.04	
615	live	1.	0.	1.8	-0.05	-0.05	
615	w1	1.	0.	1.8	0.04	0.04	
616	DEAD	1.	0.	1.8	0.04	0.04	
616	live	1.	0.	1.8	-0.05	-0.05	
616	w1	1.	0.	1.8	0.04	0.04	
617	DEAD	1.	0.	1.8	0.04	0.04	
617	live	1.	0.	1.8	-0.05	-0.05	
617	w1	1.	0.	1.8	0.04	0.04	
618	DEAD	1.	0.	1.8	0.04	0.04	
618	live	1.	0.	1.8	-0.05	-0.05	
618	w1	1.	0.	1.8	0.04	0.04	
619	DEAD	1.	0.	1.8	0.04	0.04	
619	live	1.	0.	1.8	-0.05	-0.05	
619	w1	1.	0.	1.8	0.04	0.04	
620	DEAD	1.	0.	1.8	0.04	0.04	
620	live	1.	0.	1.8	-0.05	-0.05	
620	w1	1.	0.	1.8	0.04	0.04	
621	DEAD	1.	0.	1.8	0.04	0.04	
621	live	1.	0.	1.8	-0.05	-0.05	
621	w1	1.	0.	1.8	0.04	0.04	
622	DEAD	1.	0.	1.8	0.04	0.04	
622	live	1.	0.	1.8	-0.05	-0.05	
622	w1	1.	0.	1.8	0.04	0.04	
623	DEAD	1.	0.	1.8	0.04	0.04	
623	live	1.	0.	1.8	-0.05	-0.05	
623	w1	1.	0.	1.8	0.04	0.04	
624	DEAD	1.	0.	1.8	0.04	0.04	
624	live	1.	0.	1.8	-0.05	-0.05	
624	w1	1.	0.	1.8	0.04	0.04	
625	DEAD	1.	0.	1.8	0.04	0.04	
625	live	1.	0.	1.8	-0.05	-0.05	
625	w1	1.	0.	1.8	0.04	0.04	
626	DEAD	1.	0.	1.8	0.04	0.04	
626	live	1.	0.	1.8	-0.05	-0.05	
626	w1	1.	0.	1.8	0.04	0.04	
627	DEAD	1.	0.	1.8	0.04	0.04	
627	live	1.	0.	1.8	-0.05	-0.05	
627	w1	1.	0.	1.8	0.04	0.04	
27	w2	1.	0.	7.5	0.056	0.056	
29	w2	1.	0.	7.5	0.056	0.056	
30	w2	1.	0.	7.5	0.056	0.056	
36	w2	1.	0.	7.5	0.056	0.056	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS1.2CM+CV-SX+0.3SY	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV-SX+0.3SY			Linear Static	live	1.	
DIS1.2CM+CV-SX+0.3SY			Linear Static	SX	-0.2	
DIS1.2CM+CV-SX+0.3SY			Linear Static	SY	0.08	
DIS1.2CM+CV+SY+0.3SX	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV+SY+0.3SX			Linear Static	live	1.	
DIS1.2CM+CV+SY+0.3SX			Linear Static	SY	0.266667	
DIS1.2CM+CV+SY+0.3SX			Linear Static	SX	0.06	
DIS1.2CM+CV-SY-0.3SX	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV-SY-0.3SX			Linear Static	live	1.	
DIS1.2CM+CV-SY-0.3SX			Linear Static	SY	-0.266667	
DIS1.2CM+CV-SY-0.3SX			Linear Static	SX	-0.06	
DIS1.2CM+CV+SY-0.3SX	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV+SY-0.3SX			Linear Static	live	1.	
DIS1.2CM+CV+SY-0.3SX			Linear Static	SY	0.266667	
DIS1.2CM+CV+SY-0.3SX			Linear Static	SX	-0.06	
DIS1.2CM+CV-SY+0.3SX	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV-SY+0.3SX			Linear Static	live	1.	
DIS1.2CM+CV-SY+0.3SX			Linear Static	SY	-0.266667	
DIS1.2CM+CV-SY+0.3SX			Linear Static	SX	0.06	
DIS0.9CM+SX+0.3SY	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM+SX+0.3SY			Linear Static	SX	0.2	
DIS0.9CM+SX+0.3SY			Linear Static	SY	0.08	
DIS0.9CM-SX-0.3SY	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM-SX-0.3SY			Linear Static	SX	-0.2	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS0.9CM-SX-0.3SY			Linear Static	SY	-0.08	
DIS0.9CM+SX-0.3SY	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM+SX-0.3SY			Linear Static	SX	0.2	
DIS0.9CM+SX-0.3SY			Linear Static	SY	-0.08	
DIS0.9CM-SX+0.3SY	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM-SX+0.3SY			Linear Static	SX	-0.2	
DIS0.9CM-SX+0.3SY			Linear Static	SY	0.08	
DIS0.9CM+SY+0.3SX	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM+SY+0.3SX			Linear Static	SY	0.266667	
DIS0.9CM+SY+0.3SX			Linear Static	SX	0.06	
DIS0.9CM-SY-0.3SX	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM-SY-0.3SX			Linear Static	SY	-0.266667	
DIS0.9CM-SY-0.3SX			Linear Static	SX	-0.06	
DIS0.9CM+SY-0.3SX	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM+SY-0.3SX			Linear Static	SY	0.266667	
DIS0.9CM+SY-0.3SX			Linear Static	SX	-0.06	
DIS0.9CM-SY+0.3SX	Linear Add	No	Linear Static	DEAD	0.9	None
DIS0.9CM-SY+0.3SX			Linear Static	SY	-0.266667	
DIS0.9CM-SY+0.3SX			Linear Static	SX	0.06	
CIM CM+CV+0.7SY	Linear Add	No	Linear Static	DEAD	1.	None
CIM CM+CV+0.7SY			Linear Static	live	1.	
CIM CM+CV+0.7SY			Linear Static	SY	0.186667	
CIM CM+CV+0.7SY			Linear Static	DEAD	1.	
CIM CM+CV+0.7SY			Linear Static	live	1.	
CIM CM+CV-0.7SY	Linear Add	No	Linear Static	SY	-0.186667	None
CIM 0.6CM+0.7SY	Linear Add	No	Linear Static	DEAD	0.6	None

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
CIM 0.6CM+0.7SY			Linear Static	SY	0.186667	
CIM 0.6CM-0.7SY	Linear Add	No	Linear Static	DEAD	0.6	None
CIM 0.6CM-0.7SY			Linear Static	SY	-0.186667	
CIM CM+CV+0.7SX	Linear Add	No	Linear Static	DEAD	1.	None
CIM CM+CV+0.7SX			Linear Static	live	1.	
CIM CM+CV+0.7SX			Linear Static	SX	0.14	
CIM CM+CV+0.7SX			Linear Static	DEAD	1.	
CIM CM+CV+0.7SX			Linear Static	live	1.	
CIM CM+CV-0.7SX	Linear Add	No	Linear Static	SX	-0.14	None
CIM 0.6CM+0.7SX	Linear Add	No	Linear Static	DEAD	0.6	None
CIM 0.6CM+0.7SX			Linear Static	SX	0.14	
CIM 0.6CM-0.7SX	Linear Add	No	Linear Static	DEAD	0.6	None
CIM 0.6CM-0.7SX			Linear Static	SX	-0.14	
CIM CM+CV	Linear Add	No	Linear Static	DEAD	1.	None
CIM CM+CV			Linear Static	live	1.	
1.2CM+1.6CV	Linear Add	No	Linear Static	DEAD	1.2	Strength
1.2CM+1.6CV			Linear Static	live	1.6	
1.4CM	Linear Add	No	Linear Static	DEAD	1.4	Strength
DERX1	Linear Add	No	Linear Static	DEAD	1.2	None
DERX1			Linear Static	live	1.	
DERX1			Linear Static	SX	0.909091	
DERX2	Linear Add	No	Linear Static	DEAD	1.2	None
DERX2			Linear Static	live	1.	
DERX2			Linear Static	SX	-0.909091	
DERX3	Linear Add	No	Linear Static	DEAD	0.9	None
DERX3			Linear Static	SX	0.909091	
DERX4	Linear Add	No	Linear Static	DEAD	0.9	None
DERX4			Linear Static	SX	-0.909091	
DERY1	Linear Add	No	Linear Static	DEAD	1.2	None
DERY1			Linear Static	live	1.	
DERY1			Linear Static	SY	0.909091	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DERY2	Linear Add	No	Linear Static	DEAD	1.2	None
DERY2			Linear Static	live	1.	
DERY2			Linear Static	SY	-0.909091	
DERY3	Linear Add	No	Linear Static	DEAD	0.9	None
DERY3			Linear Static	SY	0.909091	
DERY4	Linear Add	No	Linear Static	DEAD	0.9	None
DERY4			Linear Static	SY	-0.909091	
DIS1.2CM+CV+SX+0.3SY	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV+SX+0.3SY			Linear Static	live	1.	
DIS1.2CM+CV+SX+0.3SY			Linear Static	SX	0.2	
DIS1.2CM+CV+SX+0.3SY			Linear Static	SY	0.08	
DIS1.2CM+CV-SX-0.3SY	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV-SX-0.3SY			Linear Static	live	1.	
DIS1.2CM+CV-SX-0.3SY			Linear Static	SX	-0.2	
DIS1.2CM+CV-SX-0.3SY			Linear Static	SY	-0.08	
DIS1.2CM+CV+SX-0.3SY	Linear Add	No	Linear Static	DEAD	1.2	None
DIS1.2CM+CV+SX-0.3SY			Linear Static	live	1.	
DIS1.2CM+CV+SX-0.3SY			Linear Static	SX	0.2	
DIS1.2CM+CV+SX-0.3SY			Linear Static	SY	-0.08	

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS1.2CM+CV-SX+0.3SY	DEAD	Strength	None	None
DIS1.2CM+CV-SX+0.3SY	live			
DIS1.2CM+CV-SX+0.3SY	SX			
DIS1.2CM+CV-SX+0.3SY	SY			
DIS1.2CM+CV+SY+0.3SX	DEAD	Strength	None	None
DIS1.2CM+CV+SY+0.3SX	live			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS1.2CM+CV+SY+0.3SX	SY			
DIS1.2CM+CV+SY+0.3SX	SX			
DIS1.2CM+CV-SY-0.3SX	DEAD	Strength	None	None
DIS1.2CM+CV-SY-0.3SX	live			
DIS1.2CM+CV-SY-0.3SX	SY			
DIS1.2CM+CV-SY-0.3SX	SX			
DIS1.2CM+CV+SY-0.3SX	DEAD	Strength	None	None
DIS1.2CM+CV+SY-0.3SX	live			
DIS1.2CM+CV+SY-0.3SX	SY			
DIS1.2CM+CV+SY-0.3SX	SX			
DIS1.2CM+CV-SY+0.3SX	DEAD	Strength	None	None
DIS1.2CM+CV-SY+0.3SX	live			
DIS1.2CM+CV-SY+0.3SX	SY			
DIS1.2CM+CV-SY+0.3SX	SX			
DIS0.9CM+SX+0.3SY	DEAD	Strength	None	None
DIS0.9CM+SX+0.3SY	SX			
DIS0.9CM+SX+0.3SY	SY			
DIS0.9CM-SX-0.3SY	DEAD	Strength	None	None
DIS0.9CM-SX-0.3SY	SX			
DIS0.9CM-SX-0.3SY	SY			
DIS0.9CM+SX-0.3SY	DEAD	Strength	None	None
DIS0.9CM+SX-0.3SY	SX			
DIS0.9CM+SX-0.3SY	SY			
DIS0.9CM-SX+0.3SY	DEAD	Strength	None	None
DIS0.9CM-SX+0.3SY	SX			
DIS0.9CM-SX+0.3SY	SY			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS0.9CM+SY+0.3SX	DEAD	Strength	None	None
DIS0.9CM+SY+0.3SX	SY			
DIS0.9CM+SY+0.3SX	SX			
DIS0.9CM-SY-0.3SX	DEAD	Strength	None	None
DIS0.9CM-SY-0.3SX	SY			
DIS0.9CM-SY-0.3SX	SX			
DIS0.9CM+SY-0.3SX	DEAD	Strength	None	None
DIS0.9CM+SY-0.3SX	SY			
DIS0.9CM+SY-0.3SX	SX			
DIS0.9CM-SY+0.3SX	DEAD	Strength	None	None
DIS0.9CM-SY+0.3SX	SY			
DIS0.9CM-SY+0.3SX	SX			
CIM CM+CV+0.7SY	DEAD	None	None	None
CIM CM+CV+0.7SY	live			
CIM CM+CV+0.7SY	SY			
CIM CM+CV+0.7SY	DEAD			
CIM CM+CV+0.7SY	live			
CIM CM+CV-0.7SY	SY	None	None	None
CIM 0.6CM+0.7SY	DEAD	None	None	None
CIM 0.6CM+0.7SY	SY			
CIM 0.6CM-0.7SY	DEAD	None	None	None
CIM 0.6CM-0.7SY	SY			
CIM CM+CV+0.7SX	DEAD	None	None	None
CIM CM+CV+0.7SX	live			
CIM CM+CV+0.7SX	SX			
CIM CM+CV+0.7SX	DEAD			

Table: Combination Definitions, Part 2 of 3

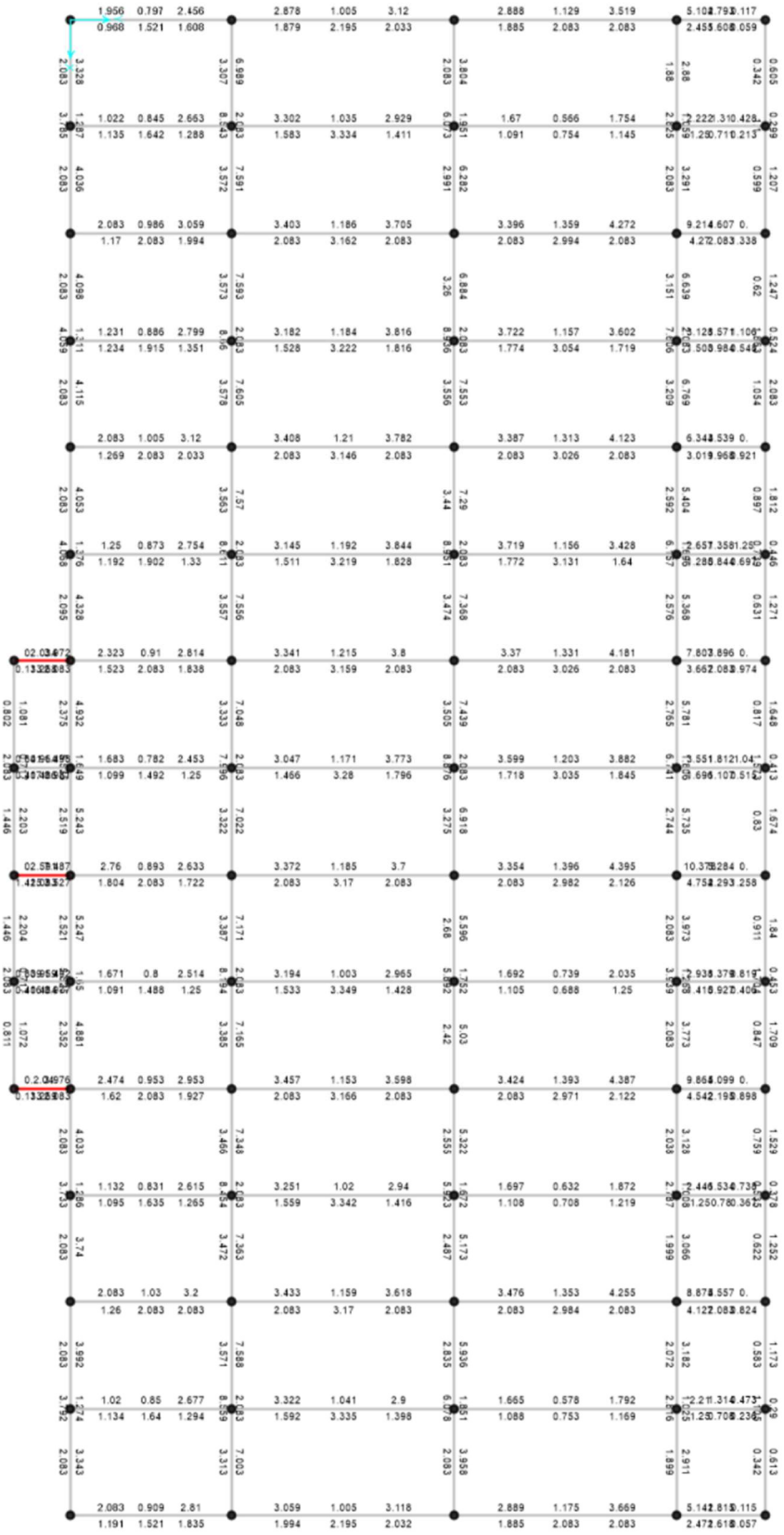
ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
CIM CM+CV+0.7SX	live			
CIM CM+CV-0.7SX	SX	None	None	None
CIM 0.6CM+0.7SX	DEAD	None	None	None
CIM 0.6CM+0.7SX	SX			
CIM 0.6CM-0.7SX	DEAD	None	None	None
CIM 0.6CM-0.7SX	SX			
CIM CM+CV	DEAD	None	None	None
CIM CM+CV	live			
1.2CM+1.6CV	DEAD	Strength	None	None
1.2CM+1.6CV	live			
1.4CM	DEAD	Strength	None	None
DERX1	DEAD	None	None	None
DERX1	live			
DERX1	SX			
DERX2	DEAD	None	None	None
DERX2	live			
DERX2	SX			
DERX3	DEAD	None	None	None
DERX3	SX			
DERX4	DEAD	None	None	None
DERX4	SX			
DERY1	DEAD	None	None	None
DERY1	live			
DERY1	SY			
DERY2	DEAD	None	None	None
DERY2	live			
DERY2	SY			
DERY3	DEAD	None	None	None
DERY3	SY			
DERY4	DEAD	None	None	None
DERY4	SY			
DIS1.2CM+CV+ SX+0.3SY	DEAD	Strength	None	None
DIS1.2CM+CV+ SX+0.3SY	live			
DIS1.2CM+CV+ SX+0.3SY	SX			
DIS1.2CM+CV+ SX+0.3SY	SY			
DIS1.2CM+CV-S X-0.3SY	DEAD	Strength	None	None
DIS1.2CM+CV-S X-0.3SY	live			
DIS1.2CM+CV-S X-0.3SY	SX			
DIS1.2CM+CV-S X-0.3SY	SY			

Table: Combination Definitions, Part 2 of 3

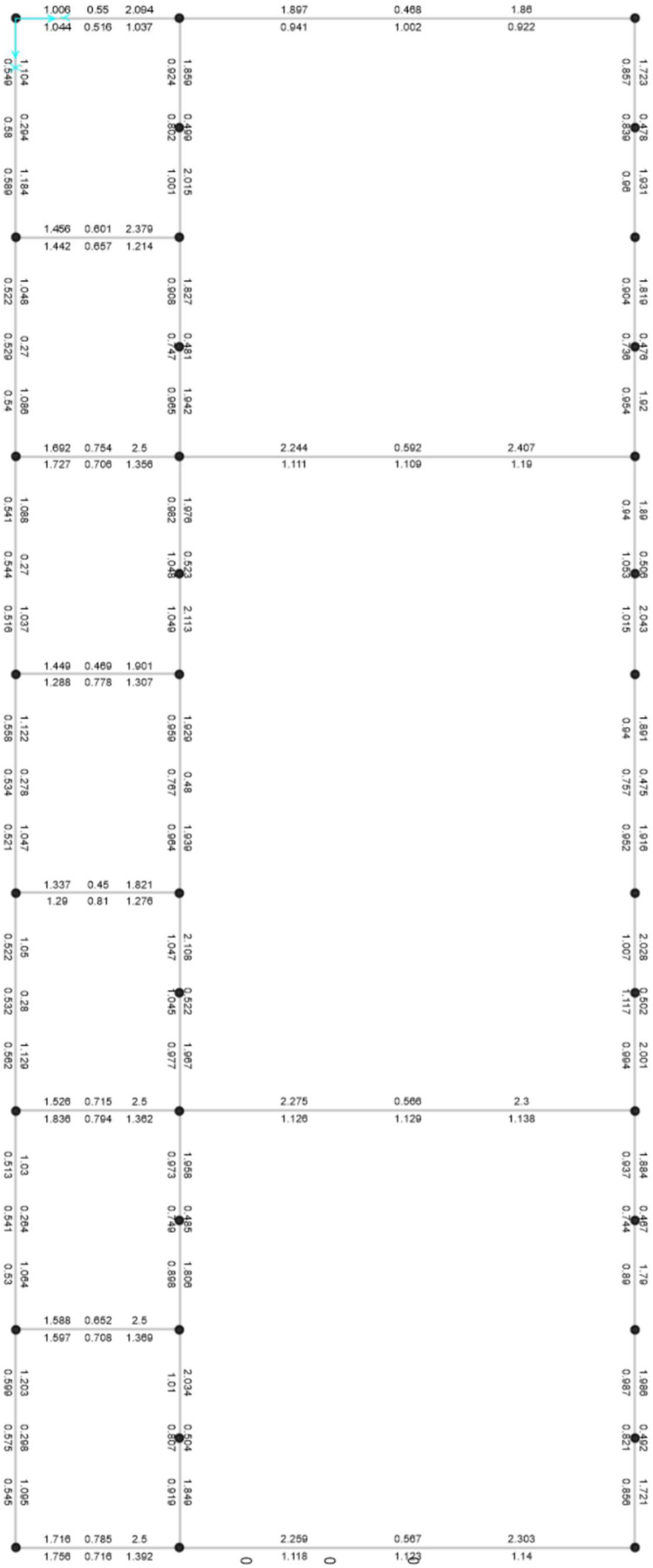
ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS1.2CM+CV+SX-0.3SY	DEAD	Strength	None	None
DIS1.2CM+CV+SX-0.3SY	live			
DIS1.2CM+CV+SX-0.3SY	SX			
DIS1.2CM+CV+SX-0.3SY	SY			

9.10 Diseño de vigas de concreto por flexión (Refuerzo en cm²)

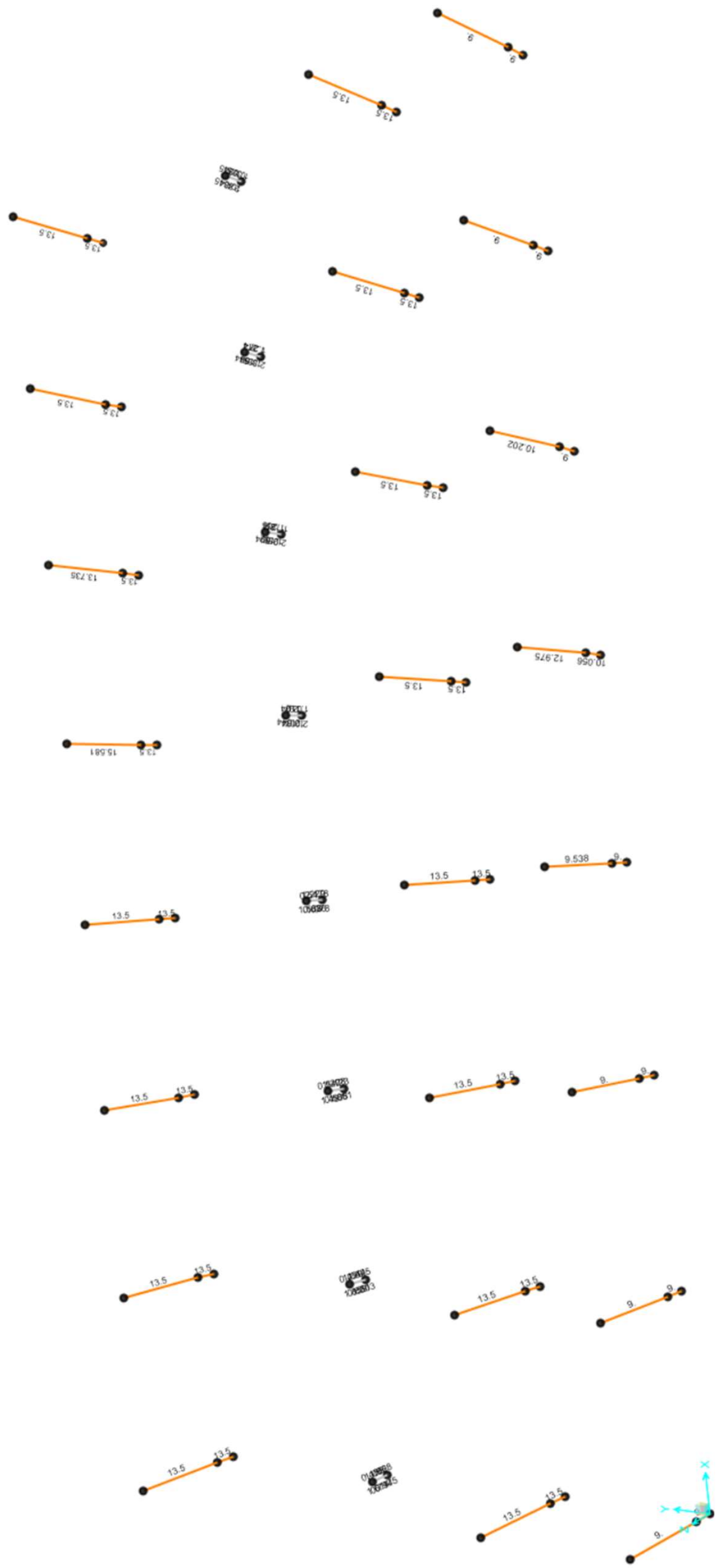
Vigas de Ne+0.00m



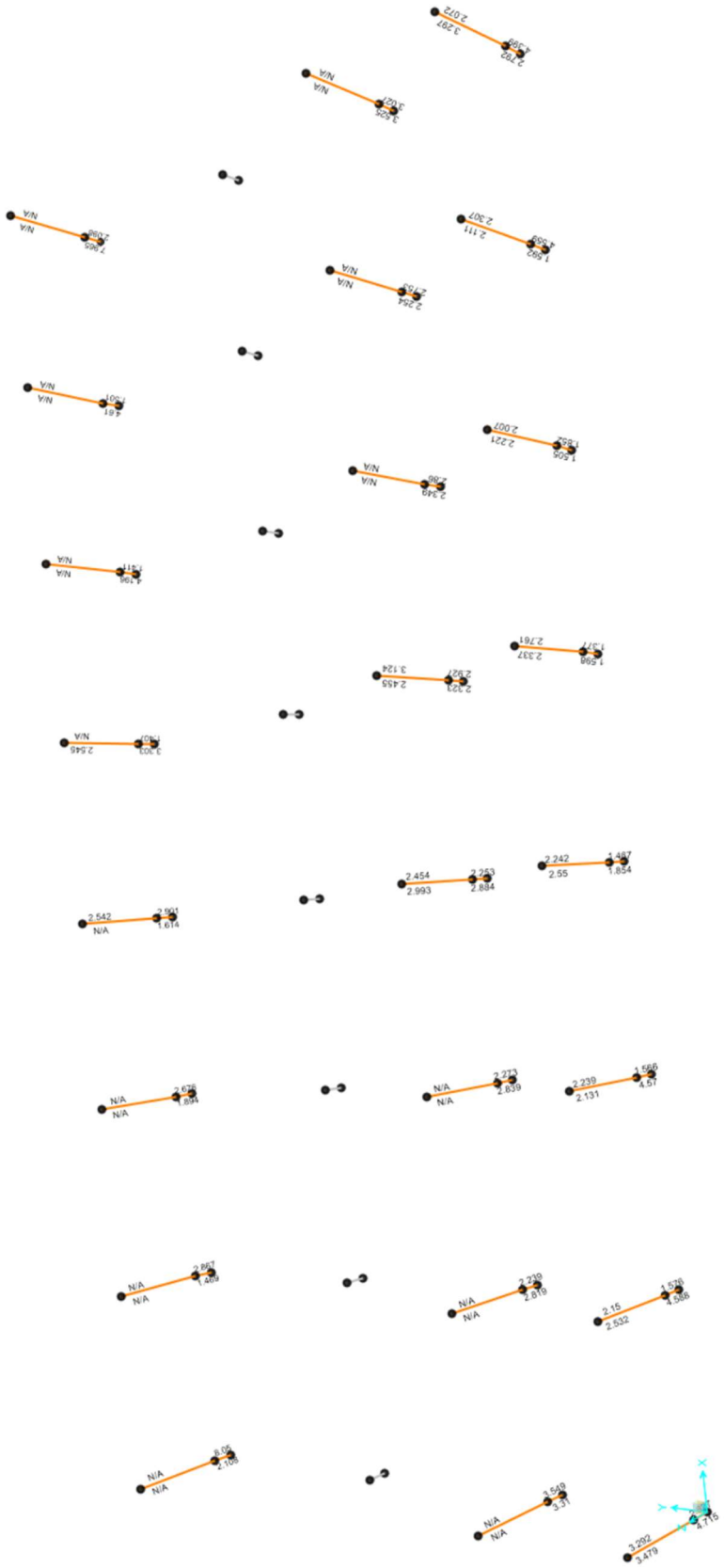
Vigas de cubierta



9.11 Diseño de columnas a flexo compresión (Refuerzo en cm²)



9.12 Verificación de Relación viga – columna



Dado que la estructura tiene columnas que se comportan como péndulo invertido (columnas 30x45) estas columnas no tienen vigas llegando en un sentido, por eso no se puede analizar relación viga -columna. De acuerdo con lo anterior, se verifica la carga axial en la columna la carga de la cubierta es baja por ser una cubierta liviana y genera momentos en vigas mínimos, las columnas son satisfactorias para dicha revisión por su rigidez y resistencia. **Se verifica la máxima carga axial de 25Tonleadas y es menor al 10% de la capacidad de la columna, 0.10*30*60*f'c= 37.8 Toneladas**

TABLE: Joint Reactions							
Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
Text	Text	Text	Tonf	Tonf	Tonf	Tonf-m	Tonf-m
216	CIM CM+CV+0.7SY	Combination	11.5249	-5.1794	38.9497	2.93498	-0.40508
216	CIM CM+CV-0.7SY	Combination	0.3902	2.0273	-0.6013	-1.18945	0.07537
216	CIM 0.6CM+0.7SY	Combination	1.4207	-2.8135	8.2956	1.58527	-0.12664
216	CIM 0.6CM-0.7SY	Combination	2.2012	1.241	7.0929	-0.79363	0.0241
216	CIM CM+CV+0.7SX	Combination	9.9023	-3.0299	37.8426	1.64601	-1.85905
216	CIM CM+CV-0.7SX	Combination	2.0128	-0.1221	0.5057	0.09952	1.52934
216	CIM 0.6CM+0.7SX	Combination	-0.2019	-0.6641	7.1885	0.2963	-1.58061
216	CIM 0.6CM-0.7SX	Combination	3.8238	-0.9084	8.2	0.49534	1.47807
216	CIM CM+CV	Combination	5.9576	-1.576	19.1742	0.87276	-0.16485
217	CIM CM+CV+0.7SY	Combination	6.7362	2.2577	32.561	2.33803	-0.01598
217	CIM CM+CV-0.7SY	Combination	-0.37	1.7617	-0.3273	-1.16813	-0.16324
217	CIM 0.6CM+0.7SY	Combination	1.9132	-0.8418	7.5321	1.42701	0.12219
217	CIM 0.6CM-0.7SY	Combination	1.1732	2.6816	6.8775	-0.90925	-0.20429
217	CIM CM+CV+0.7SX	Combination	4.4902	4.0838	31.7841	1.07502	-1.59223
217	CIM CM+CV-0.7SX	Combination	1.876	-0.0644	0.4496	0.09488	1.41301
217	CIM 0.6CM+0.7SX	Combination	-0.3327	0.9842	6.7552	0.164	-1.45406
217	CIM 0.6CM-0.7SX	Combination	3.4192	0.8555	7.6544	0.35376	1.37196
217	CIM CM+CV	Combination	3.1831	2.0097	16.1169	0.58495	-0.08961
218	CIM CM+CV+0.7SY	Combination	0.0743	-3.4797	54.2252	2.85323	-0.08752
218	CIM CM+CV-0.7SY	Combination	0.4226	1.7241	-0.9169	-1.22052	0.07448
218	CIM 0.6CM+0.7SY	Combination	-0.2362	-2.5261	10.5237	1.6182	-0.08069
218	CIM 0.6CM-0.7SY	Combination	0.6089	0.9221	8.6899	-0.82283	0.06826
218	CIM CM+CV+0.7SX	Combination	-1.5656	-1.552	53.3601	1.55228	-1.54101
218	CIM CM+CV-0.7SX	Combination	2.0625	-0.2037	-0.0518	0.08043	1.52797
218	CIM 0.6CM+0.7SX	Combination	-1.8761	-0.5983	9.6586	0.31725	-1.53418
218	CIM 0.6CM-0.7SX	Combination	2.2488	-1.0057	9.555	0.47812	1.52175
218	CIM CM+CV	Combination	0.2484	-0.8778	26.6541	0.81636	-0.00652
219	CIM CM+CV+0.7SY	Combination	5.7811	8.57	49.7538	1.88604	0.01051
219	CIM CM+CV-0.7SY	Combination	-0.3681	0.4065	-0.0069	-1.11476	-0.16329
219	CIM 0.6CM+0.7SY	Combination	0.8421	2.0337	9.8082	1.25221	0.1519
219	CIM 0.6CM-0.7SY	Combination	0.1059	2.8467	9.7943	-0.97732	-0.17469
219	CIM CM+CV+0.7SX	Combination	3.4918	9.1573	49.7944	0.69268	-1.56454
219	CIM CM+CV-0.7SX	Combination	1.9212	-0.1808	-0.0475	0.0786	1.41176
219	CIM 0.6CM+0.7SX	Combination	-1.4472	2.621	9.8488	0.05884	-1.42315
219	CIM 0.6CM-0.7SX	Combination	2.3952	2.2594	9.7537	0.21604	1.40036
219	CIM CM+CV	Combination	2.7065	4.4883	24.8734	0.38564	-0.07639
220	CIM CM+CV+0.7SY	Combination	-0.4525	-4.3946	56.7398	2.98134	-0.07291
220	CIM CM+CV-0.7SY	Combination	0.4125	1.1532	-0.8822	-1.23009	0.07475
220	CIM 0.6CM+0.7SY	Combination	-0.4214	-2.2733	11.2259	1.65391	-0.07555
220	CIM 0.6CM-0.7SY	Combination	0.4036	0.033	9.4614	-0.80627	0.07395
220	CIM CM+CV+0.7SX	Combination	-2.1306	-3.0811	55.8483	1.69992	-1.52534

220	CIM CM+CV-0.7SX	Combination	2.0906	-0.1603	0.0092	0.05133	1.52719
220	CIM 0.6CM+0.7SX	Combination	-2.0995	-0.9598	10.3345	0.37249	-1.52799
220	CIM 0.6CM-0.7SX	Combination	2.0817	-1.2805	10.3528	0.47515	1.52639
220	CIM CM+CV	Combination	-0.02	-1.6207	27.9288	0.87562	0.00092
221	CIM CM+CV+0.7SY	Combination	-2.1971	3.0356	51.0778	2.38494	0.23177
221	CIM CM+CV-0.7SY	Combination	-0.3718	0.9128	-0.4975	-1.2108	-0.16319
221	CIM 0.6CM+0.7SY	Combination	-0.0207	0.6677	10.3581	1.41785	0.17583
221	CIM 0.6CM-0.7SY	Combination	-0.7642	2.4933	9.3631	-1.00375	-0.15056
221	CIM CM+CV+0.7SX	Combination	-4.516	4.0969	50.5787	1.12377	-1.34246
221	CIM CM+CV-0.7SX	Combination	1.9471	-0.1484	0.0016	0.05037	1.41104
221	CIM 0.6CM+0.7SX	Combination	-2.3395	1.7289	9.859	0.15667	-1.3984
221	CIM 0.6CM-0.7SX	Combination	1.5546	1.4321	9.8622	0.25742	1.42367
221	CIM CM+CV	Combination	-1.2845	1.9742	25.2901	0.58707	0.03429
222	CIM CM+CV+0.7SY	Combination	-0.9432	-3.4789	48.4122	2.96252	-0.0593
222	CIM CM+CV-0.7SY	Combination	0.4079	2.355	-0.9309	-1.38196	0.07488
222	CIM 0.6CM+0.7SY	Combination	-0.5723	-3.054	9.6022	1.77258	-0.07137
222	CIM 0.6CM-0.7SY	Combination	0.2436	1.6559	7.7405	-0.99135	0.07839
222	CIM CM+CV+0.7SX	Combination	-2.6366	-1.0662	47.4873	1.5631	-1.51131
222	CIM CM+CV-0.7SX	Combination	2.1013	-0.0576	-0.006	0.01746	1.52689
222	CIM 0.6CM+0.7SX	Combination	-2.2656	-0.6414	8.6773	0.37316	-1.52338
222	CIM 0.6CM-0.7SX	Combination	1.9369	-0.7567	8.6653	0.40808	1.5304
222	CIM CM+CV	Combination	-0.2676	-0.5619	23.7407	0.79028	0.00779
223	CIM CM+CV+0.7SY	Combination	1.7716	4.6902	44.809	2.30681	0.12171
223	CIM CM+CV-0.7SY	Combination	-0.3541	0.5528	-0.1532	-1.2373	-0.16368
223	CIM 0.6CM+0.7SY	Combination	0.6364	0.972	8.6897	1.44942	0.1576
223	CIM 0.6CM-0.7SY	Combination	-0.0719	2.0776	8.3833	-1.02519	-0.16975
223	CIM CM+CV+0.7SX	Combination	-0.5403	5.3107	44.6573	1.05124	-1.45272
223	CIM CM+CV-0.7SX	Combination	1.9578	-0.0678	-0.0015	0.01827	1.41074
223	CIM 0.6CM+0.7SX	Combination	-1.6755	1.5925	8.538	0.19385	-1.41682
223	CIM 0.6CM-0.7SX	Combination	2.24	1.457	8.535	0.23039	1.40467
223	CIM CM+CV	Combination	0.7087	2.6215	22.3279	0.53476	-0.02099
224	CIM CM+CV+0.7SY	Combination	-0.4878	-3.2089	47.5261	2.99552	-0.07193
224	CIM CM+CV-0.7SY	Combination	0.4164	2.6357	-0.9212	-1.4599	0.07465
224	CIM 0.6CM+0.7SY	Combination	-0.4389	-3.2389	9.3698	1.84341	-0.07507
224	CIM 0.6CM-0.7SY	Combination	0.3938	2.0325	7.5274	-1.07638	0.07423
224	CIM CM+CV+0.7SX	Combination	-2.1729	-0.6311	46.6007	1.55307	-1.52417
224	CIM CM+CV-0.7SX	Combination	2.1015	0.0579	0.0042	-0.01744	1.52689
224	CIM 0.6CM+0.7SX	Combination	-2.124	-0.6611	8.4444	0.40096	-1.52731
224	CIM 0.6CM-0.7SX	Combination	2.0789	-0.5453	8.4528	0.36607	1.52647
224	CIM CM+CV	Combination	-0.0357	-0.2866	23.3025	0.76781	0.00136
225	CIM CM+CV+0.7SY	Combination	-2.3462	11.1502	45.3677	1.84297	0.23591
225	CIM CM+CV-0.7SY	Combination	-0.3666	0.9021	-0.1598	-1.32074	-0.16333
225	CIM 0.6CM+0.7SY	Combination	0.1641	1.8574	9.1301	1.43435	0.1707
225	CIM 0.6CM-0.7SY	Combination	-0.5691	3.6616	8.8105	-1.20714	-0.15597

225	CIM CM+CV+0.7SX	Combination	-4.6702	11.9814	45.2063	0.54071	-1.33818
225	CIM CM+CV-0.7SX	Combination	1.9573	0.0708	0.0016	-0.01848	1.41075
225	CIM 0.6CM+0.7SX	Combination	-2.1599	2.6886	8.9687	0.13209	-1.40339
225	CIM 0.6CM-0.7SX	Combination	1.7548	2.8303	8.9719	0.09513	1.41812
225	CIM CM+CV	Combination	-1.3564	6.0261	22.6039	0.26111	0.03629
226	CIM CM+CV+0.7SY	Combination	-0.262	-3.8188	55.647	3.09916	-0.07819
226	CIM CM+CV-0.7SY	Combination	0.4331	1.8947	-0.9102	-1.45582	0.07418
226	CIM 0.6CM+0.7SY	Combination	-0.4127	-2.7928	10.9031	1.86361	-0.0758
226	CIM 0.6CM-0.7SY	Combination	0.4535	0.9965	9.0828	-1.04803	0.07257
226	CIM CM+CV+0.7SX	Combination	-1.9214	-2.0832	54.7449	1.69453	-1.53114
226	CIM CM+CV-0.7SX	Combination	2.0925	0.159	-0.0081	-0.05119	1.52713
226	CIM 0.6CM+0.7SX	Combination	-2.0721	-1.0572	10.0011	0.45898	-1.52875
226	CIM 0.6CM-0.7SX	Combination	2.1129	-0.7391	9.9848	0.3566	1.52552
226	CIM CM+CV	Combination	0.0856	-0.9621	27.3684	0.82167	-0.002
227	CIM CM+CV+0.7SY	Combination	-0.8958	11.4798	48.6221	1.87119	0.19568
227	CIM CM+CV-0.7SY	Combination	-0.3558	1.6002	-0.4787	-1.43218	-0.16363
227	CIM 0.6CM+0.7SY	Combination	0.2655	1.3999	10.4919	1.52707	0.16789
227	CIM 0.6CM-0.7SY	Combination	-0.446	4.6003	9.5346	-1.33729	-0.15938
227	CIM CM+CV+0.7SX	Combination	-3.1976	12.931	48.1449	0.48939	-1.37902
227	CIM CM+CV-0.7SX	Combination	1.946	0.149	-0.0015	-0.05038	1.41107
227	CIM 0.6CM+0.7SX	Combination	-2.0363	2.8511	10.0148	0.14528	-1.40681
227	CIM 0.6CM-0.7SX	Combination	1.8558	3.149	10.0118	0.04451	1.41532
227	CIM CM+CV	Combination	-0.6258	6.54	24.0717	0.2195	0.01602
228	CIM CM+CV+0.7SY	Combination	-0.4098	-3.9211	53.9618	3.16204	-0.07409
228	CIM CM+CV-0.7SY	Combination	0.4204	2.5557	-0.9797	-1.56428	0.07454
228	CIM 0.6CM+0.7SY	Combination	-0.4409	-3.2986	10.4438	1.96021	-0.07501
228	CIM 0.6CM-0.7SY	Combination	0.3998	1.8128	8.4844	-1.16835	0.07406
228	CIM CM+CV+0.7SX	Combination	-2.0515	-1.5689	52.9301	1.67815	-1.52753
228	CIM CM+CV-0.7SX	Combination	2.0621	0.2036	0.0521	-0.08039	1.52798
228	CIM 0.6CM+0.7SX	Combination	-2.0826	-0.9465	9.4121	0.47632	-1.52845
228	CIM 0.6CM-0.7SX	Combination	2.0415	-0.5393	9.5162	0.31554	1.5275
228	CIM CM+CV	Combination	0.0053	-0.6827	26.4911	0.79888	0.00022
229	CIM CM+CV+0.7SY	Combination	0.1477	8.6254	43.9828	2.15498	0.16674
229	CIM CM+CV-0.7SY	Combination	-0.3588	1.1109	-0.0998	-1.44831	-0.16355
229	CIM 0.6CM+0.7SY	Combination	0.3221	1.4448	9.3975	1.57947	0.16632
229	CIM 0.6CM-0.7SY	Combination	-0.3955	3.6665	9.198	-1.31714	-0.16078
229	CIM CM+CV+0.7SX	Combination	-2.1314	9.5567	43.8353	0.78513	-1.40859
229	CIM CM+CV-0.7SX	Combination	1.9203	0.1795	0.0478	-0.07846	1.41178
229	CIM 0.6CM+0.7SX	Combination	-1.9569	2.3761	9.25	0.20962	-1.40901
229	CIM 0.6CM-0.7SX	Combination	1.8836	2.7352	9.3455	0.0527	1.41455
229	CIM CM+CV	Combination	-0.1056	4.8681	21.9415	0.35334	0.0016
230	CIM CM+CV+0.7SY	Combination	-12.3663	-5.2646	39.2661	3.32456	0.2575
230	CIM CM+CV-0.7SY	Combination	0.432	2.1416	-0.9082	-1.58644	0.07422
230	CIM 0.6CM+0.7SY	Combination	-2.2524	-2.9419	8.6047	1.98757	-0.02477

230	CIM 0.6CM-0.7SY	Combination	-1.3885	1.3413	6.7882	-1.18531	0.12366
230	CIM CM+CV+0.7SX	Combination	-13.9473	-3.245	38.8636	1.83759	-1.19762
230	CIM CM+CV-0.7SX	Combination	2.0129	0.122	-0.5057	-0.09947	1.52934
230	CIM 0.6CM+0.7SX	Combination	-3.8333	-0.9223	8.2022	0.5006	-1.4799
230	CIM 0.6CM-0.7SX	Combination	0.1924	-0.6783	7.1907	0.30166	1.57878
230	CIM CM+CV	Combination	-5.9672	-1.5615	19.1789	0.86906	0.16586
231	CIM CM+CV+0.7SY	Combination	-6.183	2.3085	32.605	2.71669	0.34231
231	CIM CM+CV-0.7SY	Combination	-0.3091	1.776	-0.3773	-1.5571	-0.16493
231	CIM 0.6CM+0.7SY	Combination	-1.2349	-0.8673	7.5744	1.82105	0.2095
231	CIM 0.6CM-0.7SY	Combination	-1.8531	2.6848	6.8199	-1.29315	-0.12036
231	CIM CM+CV+0.7SX	Combination	-8.3672	4.0203	32.6777	1.25442	-1.23565
231	CIM CM+CV-0.7SX	Combination	1.8751	0.0642	-0.45	-0.09483	1.41304
231	CIM 0.6CM+0.7SX	Combination	-3.419	0.8445	7.6471	0.35878	-1.36846
231	CIM 0.6CM-0.7SX	Combination	0.3311	0.9729	6.7472	0.16912	1.45761
231	CIM CM+CV	Combination	-3.246	2.0423	16.1138	0.5798	0.08869
232	CIM CM+CV+0.7SY	Combination	7.6676	-0.3266	13.7592	1.70572	0.5628
232	CIM CM+CV-0.7SY	Combination	-0.0608	1.3414	0.8419	-0.79216	0.04836
232	CIM 0.6CM+0.7SY	Combination	1.3364	-1.2199	2.1002	1.00422	0.05342
232	CIM 0.6CM-0.7SY	Combination	1.2148	1.4629	3.784	-0.5801	0.15014
232	CIM CM+CV+0.7SX	Combination	6.7205	1.0962	14.4006	0.84722	0.05752
232	CIM CM+CV-0.7SX	Combination	0.8863	-0.0814	0.2005	0.06634	0.55364
232	CIM 0.6CM+0.7SX	Combination	0.3893	0.2028	2.7416	0.14572	-0.45186
232	CIM 0.6CM-0.7SX	Combination	2.1619	0.0401	3.1426	0.2784	0.65542
232	CIM CM+CV	Combination	3.8034	0.5074	7.3006	0.45678	0.30558
233	CIM CM+CV+0.7SY	Combination	0.4077	2.2075	24.9144	1.53876	-0.01993
233	CIM CM+CV-0.7SY	Combination	-0.0565	1.0417	1.0609	-0.80503	0.0487
233	CIM 0.6CM+0.7SY	Combination	0.1943	-0.702	3.8302	0.99998	-0.03825
233	CIM 0.6CM-0.7SY	Combination	0.0813	1.3813	5.952	-0.61009	0.05916
233	CIM CM+CV+0.7SX	Combination	-0.7538	3.3832	26.0474	0.68025	-0.54242
233	CIM CM+CV-0.7SX	Combination	1.1051	-0.134	-0.0721	0.05348	0.57119
233	CIM 0.6CM+0.7SX	Combination	-0.9673	0.4737	4.9632	0.14146	-0.56074
233	CIM 0.6CM-0.7SX	Combination	1.2429	0.2057	4.819	0.24843	0.58164
233	CIM CM+CV	Combination	0.1756	1.6246	12.9876	0.36686	0.01439
234	CIM CM+CV+0.7SY	Combination	-0.0269	2.3603	24.8676	1.56295	-0.05482
234	CIM CM+CV-0.7SY	Combination	-0.0558	0.8037	1.2134	-0.82286	0.04877
234	CIM 0.6CM+0.7SY	Combination	0.043	-0.4247	3.7111	1.01505	-0.0504
234	CIM 0.6CM-0.7SY	Combination	-0.0686	1.1827	6.1379	-0.63068	0.04713
234	CIM CM+CV+0.7SX	Combination	-1.1882	3.2687	26.0802	0.70604	-0.57729
234	CIM CM+CV-0.7SX	Combination	1.1056	-0.1047	0.000861	0.03405	0.57123
234	CIM 0.6CM+0.7SX	Combination	-1.1184	0.4837	4.9236	0.15814	-0.57287
234	CIM 0.6CM-0.7SX	Combination	1.0928	0.2742	4.9254	0.22623	0.5696
234	CIM CM+CV	Combination	-0.0413	1.582	13.0405	0.37004	-0.00303
235	CIM CM+CV+0.7SY	Combination	3.09	-7.4474	34.5334	2.38663	0.19536
235	CIM CM+CV-0.7SY	Combination	-0.0228	1.4454	1.0574	-0.91131	0.05141

235	CIM 0.6CM+0.7SY	Combination	0.372	-2.5162	5.25	1.22026	-0.02399
235	CIM 0.6CM-0.7SY	Combination	0.3264	0.3747	7.3649	-0.60236	0.07883
235	CIM CM+CV+0.7SX	Combination	1.8997	-5.936	35.5686	1.46147	-0.32943
235	CIM CM+CV-0.7SX	Combination	1.1675	-0.066	0.0222	0.01385	0.5762
235	CIM 0.6CM+0.7SX	Combination	-0.8183	-1.0048	6.2852	0.2951	-0.54878
235	CIM 0.6CM-0.7SX	Combination	1.5167	-1.1367	6.3296	0.3228	0.60362
235	CIM CM+CV	Combination	1.5336	-3.001	17.7954	0.73766	0.12339
236	CIM CM+CV+0.7SY	Combination	0.0204	-14.7882	41.8782	3.0123	-0.05102
236	CIM CM+CV-0.7SY	Combination	-0.0261	1.6506	1.0399	-0.96471	0.05114
236	CIM 0.6CM+0.7SY	Combination	0.0272	-3.842	6.2996	1.36401	-0.05167
236	CIM 0.6CM-0.7SY	Combination	-0.0251	-0.5408	8.3794	-0.56541	0.05062
236	CIM CM+CV+0.7SX	Combination	-1.203	-13.176	42.918	2.0592	-0.57847
236	CIM CM+CV-0.7SX	Combination	1.1972	0.0384	0.0001109	-0.01161	0.57859
236	CIM 0.6CM+0.7SX	Combination	-1.1962	-2.2298	7.3394	0.41091	-0.57911
236	CIM 0.6CM-0.7SX	Combination	1.1983	-2.153	7.3396	0.38769	0.57807
236	CIM CM+CV	Combination	-0.0029	-6.5688	21.459	1.0238	0.00005913
237	CIM CM+CV+0.7SY	Combination	-3.6267	-6.8802	33.3356	2.41401	-0.34376
237	CIM CM+CV-0.7SY	Combination	-0.0556	1.3199	1.2134	-0.9751	0.04878
237	CIM 0.6CM+0.7SY	Combination	-0.4774	-2.3141	4.8195	1.2787	-0.09217
237	CIM 0.6CM-0.7SY	Combination	-0.5886	0.3257	7.2463	-0.6715	0.00539
237	CIM CM+CV+0.7SX	Combination	-4.8514	-5.6921	34.573	1.4751	-0.87132
237	CIM CM+CV-0.7SX	Combination	1.1691	0.1317	-0.024	-0.03619	0.57634
237	CIM 0.6CM+0.7SX	Combination	-1.7021	-1.1259	6.0569	0.33979	-0.61972
237	CIM 0.6CM-0.7SX	Combination	0.6362	-0.8625	6.0089	0.26742	0.53295
237	CIM CM+CV	Combination	-1.8412	-2.7802	17.2745	0.71945	-0.14749
238	CIM CM+CV+0.7SY	Combination	0.4772	1.4114	24.21	1.78492	-0.01435
238	CIM CM+CV-0.7SY	Combination	-0.0535	1.5875	1.2263	-1.03351	0.04894
238	CIM 0.6CM+0.7SY	Combination	0.1133	-1.3215	3.5152	1.23637	-0.04475
238	CIM 0.6CM-0.7SY	Combination	0.0063	1.8534	5.9678	-0.83066	0.05313
238	CIM CM+CV+0.7SX	Combination	-0.6784	2.8648	25.3629	0.80487	-0.53636
238	CIM CM+CV-0.7SX	Combination	1.1021	0.1341	0.0733	-0.05347	0.57095
238	CIM 0.6CM+0.7SX	Combination	-1.0423	0.1318	4.6682	0.25632	-0.56676
238	CIM 0.6CM-0.7SX	Combination	1.1619	0.4001	4.8148	0.14939	0.57515
238	CIM CM+CV	Combination	0.2119	1.4995	12.7181	0.3757	0.0173
239	CIM CM+CV+0.7SY	Combination	-7.5046	-0.4096	13.4504	1.96754	-0.65503
239	CIM CM+CV-0.7SY	Combination	-0.146	1.4283	1.1597	-1.05767	0.04152
239	CIM 0.6CM+0.7SY	Combination	-1.1461	-1.3182	1.7852	1.27344	-0.14584
239	CIM 0.6CM-0.7SY	Combination	-1.4382	1.5383	4.1046	-0.84191	-0.06281
239	CIM CM+CV+0.7SX	Combination	-8.5375	0.9374	14.8106	0.97618	-1.16719
239	CIM CM+CV-0.7SX	Combination	0.8868	0.0813	-0.2004	-0.06631	0.55368
239	CIM 0.6CM+0.7SX	Combination	-2.179	0.0287	3.1453	0.28207	-0.658
239	CIM 0.6CM-0.7SX	Combination	-0.4053	0.1914	2.7445	0.14945	0.44935
239	CIM CM+CV	Combination	-3.8253	0.5093	7.3051	0.45493	-0.30676
255	CIM CM+CV+0.7SY	Combination	5.0664	-5.5812	21.5294	1.38512	-2.08875

255	CIM CM+CV-0.7SY	Combination	0.0083	1.8467	0.0149	-0.58714	-0.0041
255	CIM 0.6CM+0.7SY	Combination	0.9005	-2.5661	4.2354	0.77101	-0.3158
255	CIM 0.6CM-0.7SY	Combination	0.9171	1.1273	4.2652	-0.40328	-0.32399
255	CIM CM+CV+0.7SX	Combination	5.0688	-3.5694	21.5397	0.74694	-2.11724
255	CIM CM+CV-0.7SX	Combination	0.0059	-0.1651	0.0046	0.05104	0.02438
255	CIM 0.6CM+0.7SX	Combination	0.9029	-0.5543	4.2457	0.13283	-0.34428
255	CIM 0.6CM-0.7SX	Combination	0.9146	-0.8845	4.2549	0.2349	-0.29551
255	CIM CM+CV	Combination	2.5373	-1.8672	10.7721	0.39899	-1.04643
256	CIM CM+CV+0.7SY	Combination	-1.7528	-6.0218	35.2949	1.413	-1.34574
256	CIM CM+CV-0.7SY	Combination	-0.0059	2.038	0.0508	-0.61915	-0.00301
256	CIM 0.6CM+0.7SY	Combination	-0.4773	-2.8252	5.2451	0.80177	-0.19662
256	CIM 0.6CM-0.7SY	Combination	-0.4891	1.2509	5.3467	-0.43654	-0.20264
256	CIM CM+CV+0.7SX	Combination	-1.7821	-3.8708	35.3481	0.75678	-1.37206
256	CIM CM+CV-0.7SX	Combination	0.0234	-0.1129	-0.0024	0.03706	0.02331
256	CIM 0.6CM+0.7SX	Combination	-0.5066	-0.6742	5.2983	0.14555	-0.22294
256	CIM 0.6CM-0.7SX	Combination	-0.4598	-0.9	5.2935	0.21967	-0.17632
256	CIM CM+CV	Combination	-0.8793	-1.9919	17.6729	0.39692	-0.67437
257	CIM CM+CV+0.7SY	Combination	-1.615	-5.195	37.3689	1.4931	-0.51135
257	CIM CM+CV-0.7SY	Combination	-0.0024	2.1486	0.0308	-0.65076	-0.00192
257	CIM 0.6CM+0.7SY	Combination	-0.2013	-2.8416	5.3864	0.83875	-0.07023
257	CIM 0.6CM-0.7SY	Combination	-0.2061	1.4556	5.4481	-0.46277	-0.07408
257	CIM CM+CV+0.7SX	Combination	-1.6366	-2.9811	37.4004	0.81998	-0.53542
257	CIM CM+CV-0.7SX	Combination	0.0192	-0.0653	-0.0006711	0.02237	0.02215
257	CIM 0.6CM+0.7SX	Combination	-0.2229	-0.6276	5.4179	0.16562	-0.0943
257	CIM 0.6CM-0.7SX	Combination	-0.1845	-0.7583	5.4165	0.21036	-0.05001
257	CIM CM+CV	Combination	-0.8087	-1.5232	18.6999	0.42117	-0.25663
258	CIM CM+CV+0.7SY	Combination	0.1983	-5.4253	37.3086	1.5179	0.03469
258	CIM CM+CV-0.7SY	Combination	0.0012	2.232	0.065	-0.68354	-0.00133
258	CIM 0.6CM+0.7SY	Combination	-0.0182	-2.9428	5.3626	0.87103	-0.00419
258	CIM 0.6CM-0.7SY	Combination	-0.0158	1.5213	5.4926	-0.49605	-0.00685
258	CIM CM+CV+0.7SX	Combination	0.1814	-3.1721	37.3735	0.82686	0.01157
258	CIM CM+CV-0.7SX	Combination	0.0182	-0.0212	0.0001296	0.0075	0.02179
258	CIM 0.6CM+0.7SX	Combination	-0.0351	-0.6896	5.4275	0.17999	-0.02731
258	CIM 0.6CM-0.7SX	Combination	0.0012	-0.7319	5.4277	0.19499	0.01627
258	CIM CM+CV	Combination	0.0998	-1.5966	18.6868	0.41718	0.01668
259	CIM CM+CV+0.7SY	Combination	-1.9602	-6.5143	34.5911	1.49896	0.31341
259	CIM CM+CV-0.7SY	Combination	-0.0022	2.3205	0.0643	-0.71606	-0.00087
259	CIM 0.6CM+0.7SY	Combination	-0.1254	-3.1387	5.1312	0.89846	0.03367
259	CIM 0.6CM-0.7SY	Combination	-0.1299	1.5024	5.2597	-0.53365	0.03192
259	CIM CM+CV+0.7SX	Combination	-1.9806	-4.2147	34.6555	0.79039	0.29074
259	CIM CM+CV-0.7SX	Combination	0.0181	0.021	-0.000133	-0.00748	0.02179
259	CIM 0.6CM+0.7SX	Combination	-0.1458	-0.8391	5.1956	0.18988	0.011
259	CIM 0.6CM-0.7SX	Combination	-0.1095	-0.7972	5.1953	0.17492	0.05458
259	CIM CM+CV	Combination	-0.9812	-2.0969	17.3277	0.39145	0.15627

260	CIM CM+CV+0.7SY	Combination	1.7964	-7.3551	32.0796	1.49283	0.5633
260	CIM CM+CV-0.7SY	Combination	0.0016	2.4281	0.0338	-0.74758	-0.00028
260	CIM 0.6CM+0.7SY	Combination	0.2276	-3.3052	4.9563	0.92741	0.07625
260	CIM 0.6CM-0.7SY	Combination	0.2308	1.5511	5.024	-0.56775	0.07569
260	CIM CM+CV+0.7SX	Combination	1.7788	-4.9923	32.1129	0.76759	0.54086
260	CIM CM+CV-0.7SX	Combination	0.0192	0.0653	0.0006014	-0.02235	0.02215
260	CIM 0.6CM+0.7SX	Combination	0.21	-0.9423	4.9895	0.20218	0.05382
260	CIM 0.6CM-0.7SX	Combination	0.2483	-0.8117	4.9907	0.15748	0.09812
260	CIM CM+CV	Combination	0.899	-2.4635	16.0567	0.37262	0.28151
261	CIM CM+CV+0.7SY	Combination	4.1378	-7.3456	32.874	1.52907	1.1696
261	CIM CM+CV-0.7SY	Combination	0.0072	2.5303	0.058	-0.77913	0.00099
261	CIM 0.6CM+0.7SY	Combination	0.6574	-3.3946	5.0529	0.95989	0.18449
261	CIM 0.6CM-0.7SY	Combination	0.6718	1.666	5.169	-0.59837	0.18647
261	CIM CM+CV+0.7SX	Combination	4.1215	-4.9282	32.9297	0.78697	1.14728
261	CIM CM+CV-0.7SX	Combination	0.0235	0.1129	0.0024	-0.03703	0.02331
261	CIM 0.6CM+0.7SX	Combination	0.6411	-0.9772	5.1086	0.2178	0.16216
261	CIM 0.6CM-0.7SX	Combination	0.6881	-0.7514	5.1134	0.14373	0.20879
261	CIM CM+CV	Combination	2.0725	-2.4076	16.466	0.37497	0.5853
262	CIM CM+CV+0.7SY	Combination	-5.8675	-6.3136	21.6653	1.60193	1.86635
262	CIM CM+CV-0.7SY	Combination	-0.0115	2.5803	0.0204	-0.8067	0.00232
262	CIM 0.6CM+0.7SY	Combination	-0.9596	-3.3077	4.2407	0.99298	0.30013
262	CIM 0.6CM-0.7SY	Combination	-0.9825	1.853	4.2814	-0.62042	0.30476
262	CIM CM+CV+0.7SX	Combination	-5.8849	-3.8984	21.6902	0.84624	1.84428
262	CIM CM+CV-0.7SX	Combination	0.0058	0.1651	-0.0046	-0.05101	0.02438
262	CIM 0.6CM+0.7SX	Combination	-0.9769	-0.8924	4.2656	0.2373	0.27806
262	CIM 0.6CM-0.7SX	Combination	-0.9652	-0.5623	4.2565	0.13527	0.32683
262	CIM CM+CV	Combination	-2.9395	-1.8667	10.8428	0.39761	0.93433

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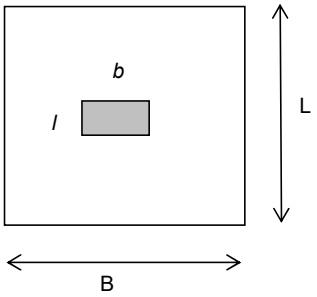
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ZAPATA TIPO Z-1 **Casa cultural Santarosa del sur**

P (t)	FC	P_u (t)	s_{adm} (t/m^2)	b_{col} (cm)	l_{col} (cm)	h_{zap} (cm)
28.00	1.3	36.40	30	30	30	30

Materiales

f'$_c$ (MPa)	λ	f_y (MPa)	Relación de rigidez
21	1	420	1.50



1. Dimension del cimiento

A_{req} (m^2)	B (m)	L (m)	Check	Voladizo (m)
1.03	1.20	1.20	CUMPLE	0.45

2. Chequeo Esfuerzos de contacto

A_1 (mm^2) = 90000

0.65 x 0.85 x f 'c x A_1 = 1044.225 kN > Pu **CUMPLE**

3. Cortante como Viga

s_u (t/m^2)	V_u (kN)	ϕ
25.28	50.56	0.75

ϕVc = ϕ 0.17 λ $\sqrt{f'c}$ x 250 = 146.07 kN > Vu **CUMPLE**

4. Cortante como placa

b_0 (mm)	b	a_s	V_u (kN)	Check
2200	1.00	40	364	**CUMPLE**

ϕVc = ϕ 0.33 λ $\sqrt{f'c}$ x 2200 x 2[illegible] = 561.42 kN

ϕVc = ϕ 0.17 λ x (1 + 2 / b) x $\sqrt{f'c}$ x bo x 2[illegible] = 867.65 kN

$$\phi Vc = \phi\ 0.083\ \lambda \left(\frac{a_s * d}{bo} + 2 \right) \sqrt{f'c}\ x\ bo \quad x \quad 2[illegible] = 860.07 \text{ kN}$$

5. Diseño a flexion

M_u (t-m)	R (kg/cm^2)	k	ρ	A_s (cm^2)
2.56	4.55	0.050	0.0012	5.40

Colocar # 4 *cada* *0.24* *m* Asb = 1.27 cm2

Son 5 barras en c/direccion L= 1.45 m **Sentido largo** 6.35

Son 5 barras en c/direccion L= 1.45 m **Sentido corto**

Diseño de vigas de cimentación

Proyecto: Casa Santa rosa del sur

Fecha= 5/20/2025

Por: Ing. Juan Hurtado

1. Bases del diseño

Sección Viga de amarre

b=	250	mm
h min=	192.5	mm
h adop=	300	mm
I=	562500000	mm^4

Riesgo sismico	Alto	
Luz =	3.85	m
A_a =	0.5	m/s^2
0.25 A_a =	0.125	m/s^2
C.F=	1.30	

2. Materiales

Concreto	21	MPa
Acero de refuerzo	420	MPa
E concrete	17872	MPa
ϕ shear	0.75	
ϕ beinding	0.9	
k	0.0500	

3. Solicitudes

Fz columna=	280 kN
Δ Diferencial=	5 mm
M empotramiento=	21 kN-m
0.25 Ao*Fz=	35 kN

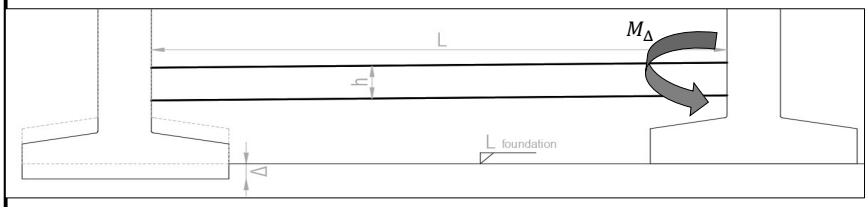
4. Compression check

Cu=	45.50	kN
Areq =	3333	mm^2
A viga=	75000	mm^2
Check	ok	

5. tension check

Tu=	45.50	kN
As=	0.93	cm^2
As mín=	4.125	cm^2
Check=	ok	

6. Beinding Check



$$M_\Delta = \frac{6 \times E \times I \times \Delta}{L^2}$$

M Δ=	20.35	kN-m
Mu Δ=	26.45	kN-m
d viga=	250	mm
V Δ=	10.6	kN
Vu Δ=	13.7	kN

Empotramiento en la base

Mu fundación=	27 kN-m
Vu Fundación=	14 kN

Solicitudes de diseño

Mu Vcim=	27 kN-m
Vu Vcim=	14 kN

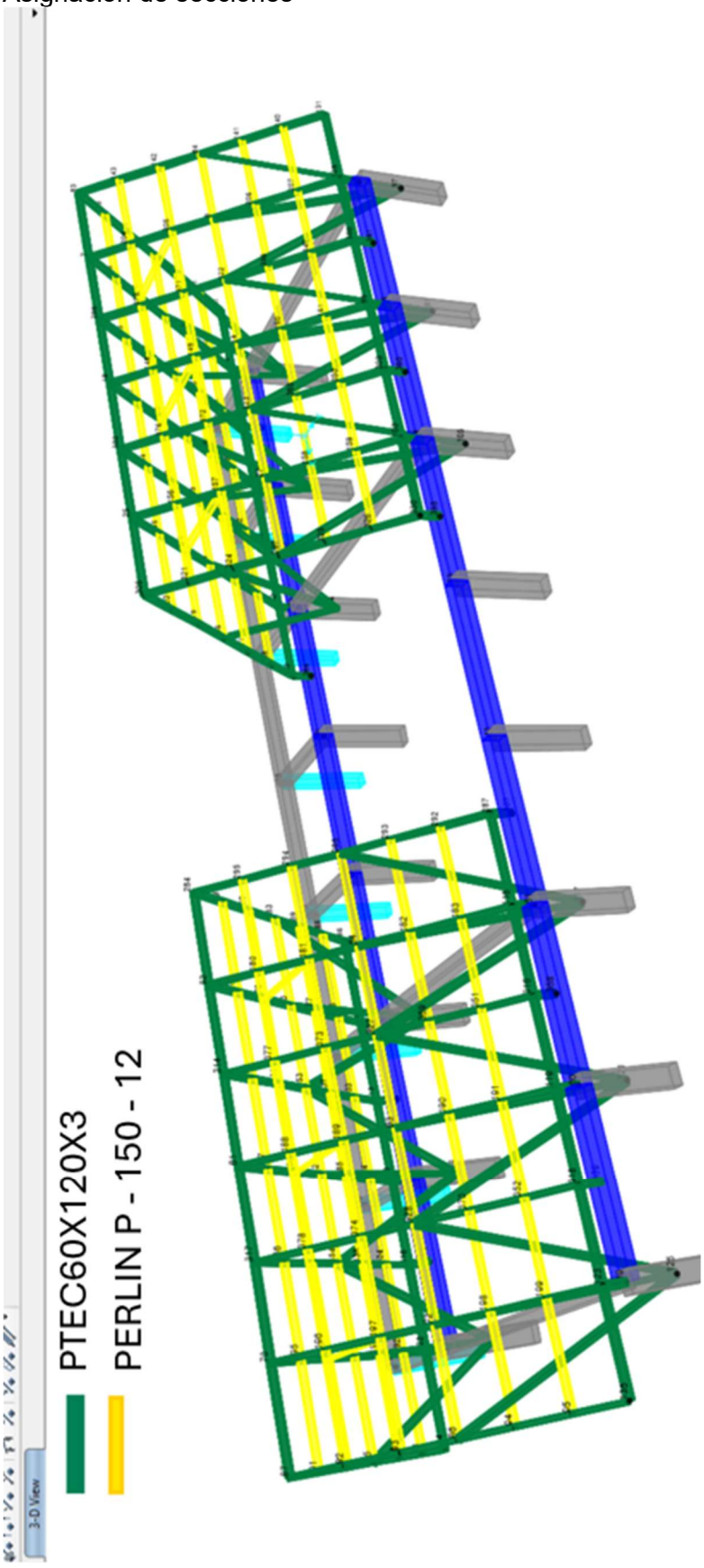
ϕRn	0.19	As=	3.43	cm^2	As utilizado= 3.81 cm^2
ρ req	0.0055	As min=	2.06	cm^2	Verificación= **cumple**

Ramas	Ganchos	#estribo	Av (cm^2)	Separacion (cm)
2	1	#3	4.26	25

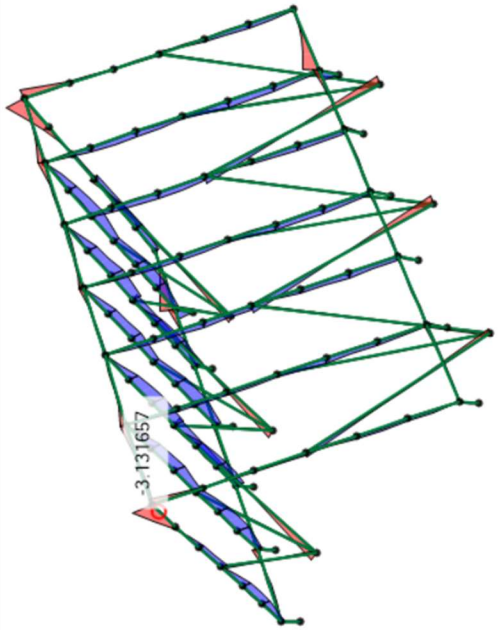
ϕVc=	37 kN			
ΔV=	-23 kN			
ϕVs =	1342 kN	**S diseño=**	25	cm
ϕVn=	**1378 kN** **cumple**	**S mínimo =**	6	cm

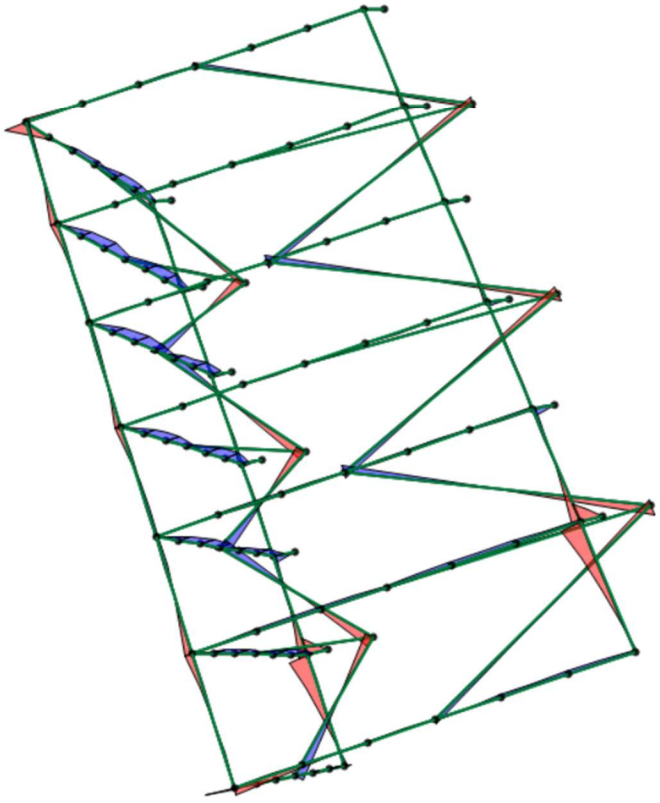
Diseño de cubierta metálica

1. Asignación de secciones

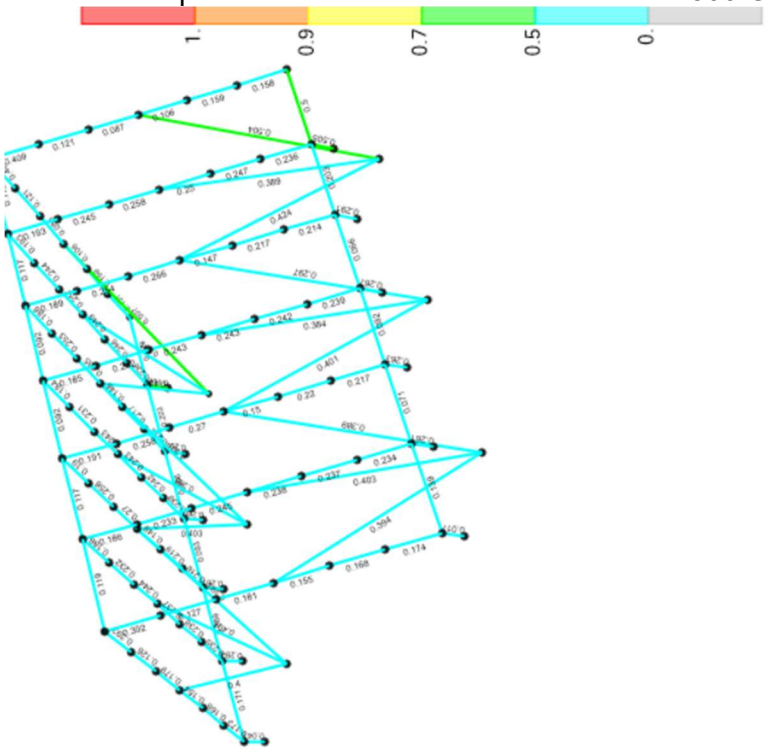


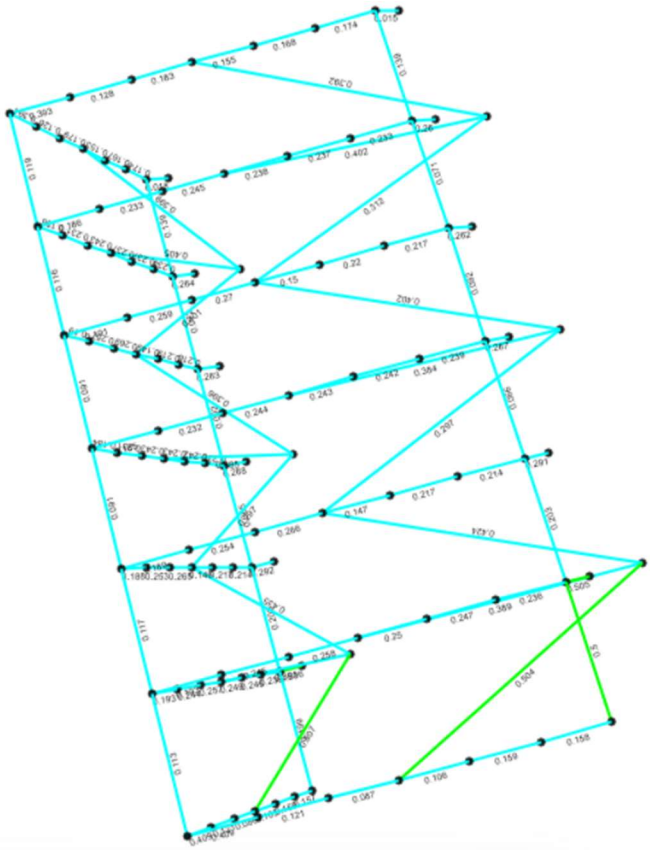
2. Diagrama de momento combinación 1.2CM+1.6C, M Max=3.13kN-m



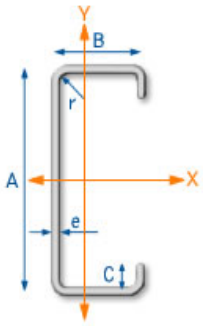


3. Eficiencia de perfiles estructurales en acero ASTM A500 Gr.C (perfiles PTEC60X120X3)



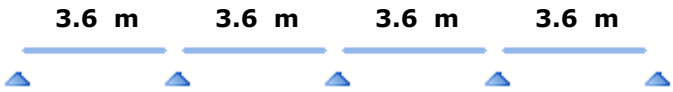


Tipo de sección: Perlín C



Materiales	
Módulo de elasticidad del acero E (kg/cm²) :	2040000
Esfuerzo de fluencia del Perlín Fy (kg/cm²) :	3500
Esfuerzo último del perlín Fu (kg/cm²) :	4570

Número de luces: 4 Luces



Separación correas S(m): 1

Pendiente de la cubierta M (%): 100

Tensores a: L/2

Cargas Sobreimpuestas

Tipo de teja: Corpatecho (4.82Kg/m²)

Elementos varios: Lámparas (4Kg/m²)

Impermeabilización (16Kg/m²)

Carga viva (kg/m²): 50

Granizo (kg/m²): 0

Otro adicional a los anteriores (kg/m²): 0.00

Viento en succión (kg/m²): 40

Viento en presión (kg/m²): 40

Notas:
- Viento en succión con signo negativo (-).
-La carga de granizo que aparece por defecto es sugerida por el programa de acuerdo a la pendiente de la cubierta. Recuerde que las regiones ubicadas a menos de 2000m sobre el nivel del mar no se debe tener en cuenta la carga de granizo.

Arrugamiento del Alma

Ancho del apoyo (cm): 0.1

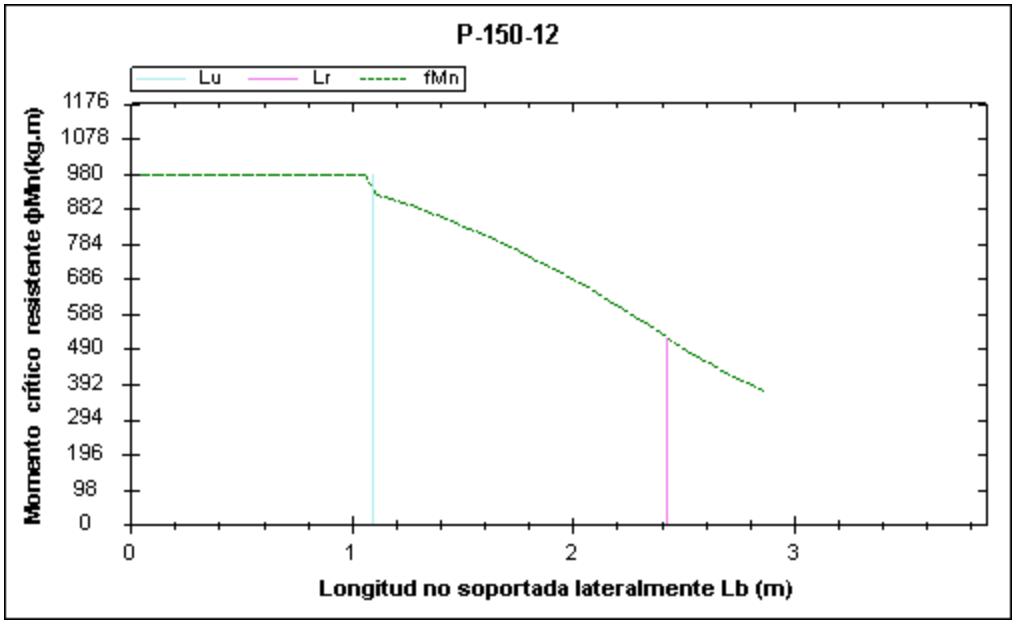
NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Selección: P-150-12

Designación	Peso negro Kg/m	Momento último Mu (kg-m)	Cortante último Vu (kg)	(Mux/ϕMnx)+(Muy/ϕMny)	(Mux/ϕMnx)²+(Vux/ϕVnx)²	0.91(P/Pn)+(M/Mnxo)
P-75-14	2.73	149.45	230.97	0.96	0.48	1.13
P-100-14	3.36	150.2	232.14	0.59	0.16	0.85
P-75-12	3.41	150.25	232.23	0.81	0.34	0.86
P-125-14	3.77	150.68	232.9	0.5	0.1	0.76
P-150-14	4.16	151.14	233.62	0.42	0.06	0.69
P-100-12	4.2	151.19	233.69	0.49	0.11	0.62
P-6-14	4.63	151.69	234.49	0.33	0.04	0.66
P-125-12	4.71	151.79	234.64	0.42	0.07	0.55
P-100-11	5.04	152.17	235.25	0.43	0.09	0.49
P3-6-14	5.08	152.22	235.33	0.28	0.03	0.65
P-150-12	5.2	152.36	235.55	0.35	0.04	0.49
P-8-14	5.42	152.62	235.96	0.26	0.02	0.61
P-125-11	5.65	152.89	236.38	0.36	0.05	0.43
P-6-12	5.78	153.05	236.62	0.26	0.02	0.45
P-9-14	5.82	153.09	236.7	0.24	0.02	0.6
P3-8-14	5.88	153.16	236.81	0.22	0.02	0.6
P-10-14	6.22	153.57	237.44	0.23	0.01	0.59
P-150-11	6.24	153.59	237.48	0.29	0.02	0.62
P3-9-14	6.28	153.64	237.55	0.21	0.02	0.59
P3-6-12	6.36	153.73	237.7	0.22	0.02	0.44
P3-10-14	6.68	154.11	238.29	0.19	0.01	0.59
P-8-12	6.78	154.22	238.48	0.21	0.01	0.41
P-6-11	6.94	154.41	238.78	0.23	0.02	0.34
P-12-14	7.02	154.51	238.92	0.21	0.01	0.59
P-9-12	7.28	154.81	239.41	0.2	0.01	0.4
P3-8-12	7.35	154.9	239.54	0.18	0.01	0.4
P3-12-14	7.48	155.05	239.78	0.18	0.01	0.59
P3-6-11	7.63	155.23	240.05	0.19	0.01	0.33
P-10-12	7.78	155.4	240.33	0.19	0.01	0.39
P-14-14	7.82	155.45	240.41	0.2	0.02	0.6
P3-9-12	7.85	155.49	240.46	0.16	0.01	0.39
P-8-11	8.14	155.83	241	0.18	0.01	0.3
P3-10-12	8.35	156.07	241.39	0.15	0.01	0.39
P-9-11	8.73	156.52	242.09	0.17	0.01	0.29
P-12-12	8.77	156.57	242.17	0.17	0.01	0.39
P3-8-11	8.82	156.63	242.26	0.15	0.01	0.29
P-10-11	9.33	157.23	243.21	0.16	0	0.29
P3-12-12	9.35	157.25	243.24	0.14	0.01	0.38
P3-9-11	9.42	157.34	243.37	0.14	0	0.29
P-14-12	9.77	157.75	244.02	0.16	0.01	0.38
P3-10-11	10.02	158.04	244.49	0.13	0	0.28
P-12-11	10.53	158.64	245.43	0.15	0	0.28

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Propiedades Físicas y Geométricas	
A (cm):	15
B (cm):	5
C (cm):	2
CALIBRE:	12
ESPESOR, e (cm):	0.25
PESO NEGRO (kg/m):	5.2
PESO GALV (kg/m):	5.25
AREA BRUTA (cm²):	6.73
AREA EFECTIVA (cm²):	5.70
Ix (cm4):	220.25
Iex (cm4):	220.25
Sx (cm³):	29.37
Sxe (cm³):	29.37
Iy (cm4):	22.62
Iey (cm4):	22.62
Sy (cm³):	6.52
Sye (cm³):	6.48
rx (cm):	5.72
ry (cm):	1.83
Xcg (cm):	-3.70
Ycg (cm):	0
J (cm4):	0.14
Cw (cm6):	1079.7



Cargas Gravitacionales	
Carga muerta - D (kg/m²):	30.24
Carga viva de cubierta - Lr (kg/m²):	50
Carga de granizo - G (kg/m²):	0
Viento en presión (kg/m²):	40
Viento en succión (kg/m²):	40

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Combinaciones Hipótesis de Cargas	Carga Última En Dirección Horizontal Wh(Kg/m)			Carga Última En Dirección Vertical Wv(Kg/m)				
	Wucm = γcd	W CV = γ (CV)	Wu	Wcm = γcd	W CV = γ...	WCWp = γCW	WCWs = γCW	Wu
1.4CM+0CV+0W	29.94	0	29.94	29.94	0	0	0	29.94
1.2CM+1.6CV+0W	25.66	56.57	82.23	25.66	56.57	0	0	82.23
1.2CM+1.6CV+0.8W	25.66	56.57	82.23	25.66	56.57	32	32	114.23
1.2CM+0.5CV+1.6W	25.66	17.68	43.34	25.66	17.68	64	64	107.34
1.2CM+1CV+0W	25.66	35.36	61.01	25.66	35.36	0	0	61.02
0.9CM+0CV+1.6W	19.24	0	19.24	19.24	0	64	64	83.24
0.9CM+0CV+0W	19.24	0	19.24	19.24	0	0	0	19.24

Combinaciones Hipótesis de Cargas	Momento Último Mu(kg·m)		Cortante Último Vu(kg)	
	Muy	Mux	Vuy	Vux
1.4CM+0CV+0W	12.12	41.57	11.8	65.43
1.2CM+1.6CV+0W	33.3	152.36	32.41	186.09
1.2CM+1.6CV+0.8W	33.3	120.94	32.41	235.55
1.2CM+0.5CV+1.6W	17.55	9.27	17.08	195.63
1.2CM+1CV+0W	24.71	108.59	24.05	137.34
0.9CM+0CV+1.6W	7.79	-36.12	7.59	140.98
0.9CM+0CV+0W	7.79	26.72	7.59	42.06

Mux = 152 kg.m

Muy = 33 kg.m

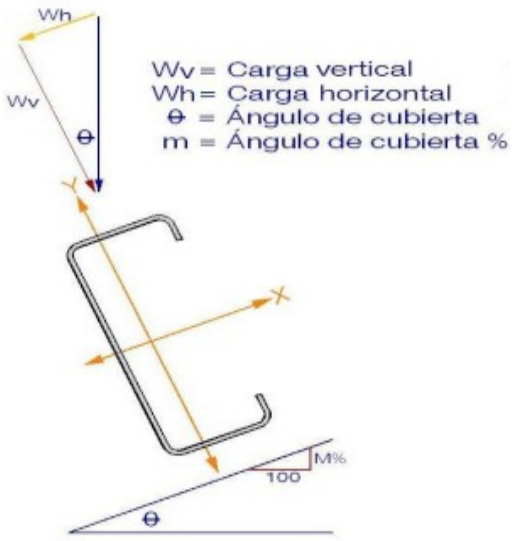
Vux = 236 kg

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Capacidades de la sección	
Mnx (kg-m):	1028
Mny (kg-m):	227
Mnrx (kg-m):	521
Vnx (kg):	7103
Condición de soporte lateral:	2
Lb (m) (Longitud no arriostrada):	1.8
Lu (m):	1.09
Lr (m):	2.43
Cb:	1.3
Fe (kg/cm²):	5373.67
Fc (kg/cm²):	2971.17
ϕMnx (kg-m):	785.29
ϕMny (kg-m):	215.65

Análisis De Deflexiones		
Inercia de la sección Ixe (cm4):	220	
Δy(cm) CV:	0.129	
Δadm(cm) CV: L/240=	1.5	OK
Δy(cm) CM+(CV ó G):	0.202	
Δadm(cm) CM+(Cv ó G): L/180=	2	OK
Δy(cm) CV en voladizo:	0	
Δadm(cm) CV en voladizo: L/180=	0	NA
Δy(cm) CM+(CV ó G) en voladizo:	0	
Δadm(cm) CM+(Cv ó G) en voladizo: L/120=	0	NA

Verificación arrugamiento del alma		
t (cm):	0.25	
h (cm):	14	
Pn (kg):	728.82	
Rc:	0.99	
Rc*Pn (kg):	720.18	
Pu<Pn	OK!	
Verificación flexión y arrugamiento	1	<=1.330 ok!



NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Diseño Shear tab entre perfiles estructurales

Solicitaciones	
V_u (T) =	1.86

Perfiles		t_w (mm)
Viga :	PTEC60X120X3	3.0
Vigueta :	PERLIN P - 150 - 12	2.5

0. REQUISITOS GENERALES

- *Distancia máxima L_{eh} entre el centro de pernos a la soldadura* 50 mm
- *Distancia mínima horizontal L_{eh} al borde* 19 mm
- *Distancia mínima vertical L_{ev} al borde* 38 mm
- *Espesor máximo de la platina* 6 mm
- *Distancia mínima del perno al borde de la platina* 17 mm
- *Distancia mínima s entre centros de pernos* 29 mm

1. REVISIÓN DE PERNOS A CORTANTE

- Las Roscas están dentro del plano de corte? **Sí**

Tipo Perno	F_u (MPa)	F_{nt} (MPa)	F_{nv} (Mpa)
A325	827	620	372

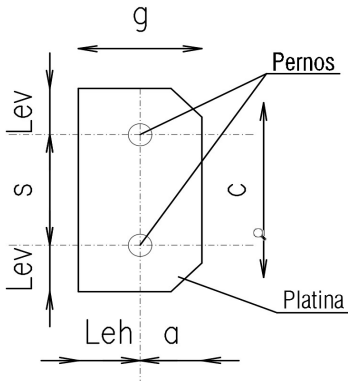
ϕ_{perno} (in)	A_b (mm²)	$\phi_{orificio}$ (in)	#Pernos	ϕ_n	ϕR_{nv} (T)
3/8	71.3	4/8	2	0.75	4.0

Check
CUMPLE

2. REVISIÓN DE LA PLATINA

- **Dimensiones Platina**

s (mm) =	40
L_{ev} *(mm)* =	40
L_{eh} *(mm)* =	40
a (mm) =	40
t (in) =	3/8
c (mm) =	120
g (mm) =	80
F_y *(MPa)* =	350
F_u *(MPa)* =	450



2.1 Rotura por corte

ϕ_n	A_{nv} (mm²)	ϕR_n (T)	Check
0.75	901	18.2	**CUMPLE**

2.2 Fluencia por corte

ϕ_d	A_{gv} (mm^2)	ϕR_n (T)	Check
0.9	1143	21.6	**CUMPLE**

2.3 Bloque de Cortante

Área Neta

ϕ_n	U_{bs}	A_{nv} (mm^2)	A_{nt} (mm^2)	ϕR_n (kN)
0.75	1.00	581	321	22.6

Área Bruta

ϕ_n	U_{bs}	A_{gv} (mm^2)	ϕR_n (T)	Check
0.75	1.00	762	22.8	**CUMPLE**

2.4 Resistencia al aplastamiento

Perno Exterior R_n (T) =	17.3	**Lc_{ext} =**	34	mm
Perno Interior R_n (T) =	14.0	**Lc_{int} =**	27	mm

R_n Límite (T)	ϕ_n	ϕR_n (T)	Check
9.8	**0.75**	**14.7**	**CUMPLE**

3. REVISIÓN DE LA SOLDADURA

- **F_{Exx} (Ksi) =** 70

ϕ	F_{exx} (MPa)	$t_{mín}$ (mm)	$t_{máx}$ (mm)	t (mm)	L_{Exx} (mm)	ϕR_n (T)
0.75	483	3	3	3	100	5

Check
CUMPLE

Ing. Juan David Hurtado **Fecha=** **5/20/2025**

Proyecto: Casa cultural Santa Rosa del sur

Diseño de elementos no estructurales

Materiales de muros divisorios

Tipo de muro	t (m)	γ (t/m^3)	w_{muro} (t/m^2)	w_{muro} (t/m^2)
1.Bloque perf	0.15	1.4	0.21	0.294
2.Bloque perf	0.15	1.6	0.24	0.384
3.Tolete maci	0.12	1.85	0.222	0.4107
4.Bloque de c	0.14	2.15	0.301	0.64715
5.Concreto Ar	0.12	2.4	0.288	0.6912
6. bloque BT(	**0.3**	**1.6**	**0.48**	**0.768**

Fuerzas Horizontales en cada nivel

Aa = 0.15 I = 1.00

Fa = 1.80 Sa = 0.680

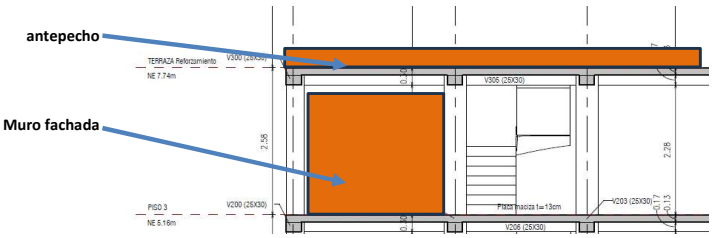
Columnetas f'c = 175 kg/cm^2

Refuerzo, fy = 4200 kg/cm^2

Diseño de muros no estructurales simplemente apoyados en vigas

Desempeño: Bajo As = 0.675 ap= 2.50

hn (m) = 7.74 heq (m) = 5.81 Rp= 1.50



Diseño de muros (elementos simplemente apoyados)

Mamposteria con dovela reforzada

Tipo de muro: 1

Sección columnetas: b (cm) = 9 h (cm) = 15 Separación, S (m) = 0.60

NIVEL	hx (m)	ax	w_{muro} (t/m^2)	Fp (t/m^2)	Hmuro (m)	M (t-m)	As (cm^2)	V (t)	Conector
NIVEL 1	0.00	0.68	0.294	0.33	2.20	0.24	0.524	0.220	ϕ 4/8

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
4	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.000101
4	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY+0.3SX	0.00006
4	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052
4	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052
4	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX	0.000055
4	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SY-0.3SX	0.000126
4	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.000209
10	v25x35	Beam	No Messages	0.	DIS0.9CM-SY+0.3SX	0.000146
10	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY+0.3SX	0.000084
10	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000059
10	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000059
10	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX	0.00006
10	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SY-0.3SX	0.000142
10	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.000238
18	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000169
18	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY-0.3SX	0.000103
18	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000067
18	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000067
18	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY+0.3SX	0.000075
18	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SY+0.3SX	0.000168
18	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.00025
26	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000145
26	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY-0.3SX	0.000078
26	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000047
26	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000047
26	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000047
26	v25x35	Beam	No Messages	2.25	DIS0.9CM+SY+0.3SX	0.000107
26	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY+0.3SX	0.00019

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
34	v25x35	Beam	No Messages	0.	DIS0.9CM-SY+0.3SX	0.000134
34	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY+0.3SX	0.000073
34	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000045
34	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000045
34	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000045
34	v25x35	Beam	No Messages	2.25	DIS0.9CM+SY-0.3SX	0.000102
34	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.000182
42	v25x35	Beam	No Messages	0.	DIS0.9CM-SY+0.3SX	0.000153
42	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY+0.3SX	0.000094
42	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000068
42	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000068
42	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX	0.000072
42	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SY-0.3SX	0.000166
42	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.00025
50	v25x35	Beam	No Messages	0.	DIS0.9CM-SY-0.3SX	0.000159
50	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY-0.3SX	0.000092
50	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000062
50	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000062
50	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY+0.3SX	0.000065
50	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SY+0.3SX	0.000152
50	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.00025
58	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000172
58	v25x35	Beam	No Messages	0.45	DIS0.9CM-SY-0.3SX	0.000107
58	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000069
58	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000069
58	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SY+0.3SX	0.000078
58	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SY+0.3SX	0.000173
58	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.00025
69	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.00011
69	v25x35	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0.3SY	0.000056
69	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000029

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
69	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000029
69	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000029
69	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000029
69	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000029
69	v25x35	Beam	No Messages	3.15	DIS1.2CM+CV+SX+ 0.3SY	0.00006
69	v25x35	Beam	No Messages	3.6	DIS1.2CM+CV+SX+ 0.3SY	0.000118
70	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SX-0. 3SY	0.000105
70	v25x35	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0. 3SY	0.000052
70	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000027
70	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000027
70	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000027
70	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000027
70	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000027
70	v25x35	Beam	No Messages	3.15	DIS1.2CM+CV+SX+ 0.3SY	0.000055
70	v25x35	Beam	No Messages	3.6	DIS1.2CM+CV+SX+ 0.3SY	0.000109
71	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SX-0. 3SY	0.000109
71	v25x35	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0. 3SY	0.000055
71	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000027
71	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000027
71	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000027
71	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000027
71	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000027
71	v25x35	Beam	No Messages	3.15	DIS1.2CM+CV+SX+ 0.3SY	0.000051
71	v25x35	Beam	No Messages	3.6	DIS1.2CM+CV+SX+ 0.3SY	0.000104
72	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SX-0. 3SY	0.000112
72	v25x35	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0. 3SY	0.000058
72	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000028
72	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000028
72	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000028
72	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000028

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
72	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000028
72	v25x35	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.000052
72	v25x35	Beam	No Messages	3.6	DIS1.2CM+CV+SX+0.3SY	0.000105
73	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.000105
73	v25x35	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0.3SY	0.000052
73	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000028
73	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000028
73	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000028
73	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000028
73	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000028
73	v25x35	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.000058
73	v25x35	Beam	No Messages	3.6	DIS1.2CM+CV+SX+0.3SY	0.000113
74	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.000103
74	v25x35	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0.3SY	0.000051
74	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000026
74	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000026
74	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000026
74	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000026
74	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000026
74	v25x35	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.000053
74	v25x35	Beam	No Messages	3.6	DIS1.2CM+CV+SX+0.3SY	0.000106
75	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.00012
75	v25x35	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0.3SY	0.000061
75	v25x35	Beam	No Messages	0.9	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00003
75	v25x35	Beam	No Messages	1.35	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00003
75	v25x35	Beam	No Messages	1.8	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00003
75	v25x35	Beam	No Messages	2.25	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00003
75	v25x35	Beam	No Messages	2.7	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00003
75	v25x35	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.000056
75	v25x35	Beam	No Messages	3.6	DIS1.2CM+CV+SX+0.3SY	0.00011

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
77	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000186
77	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000093
77	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005
77	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005
77	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005
77	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005
77	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005
77	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005
77	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000102
77	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000202
78	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000183
78	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000089
78	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
78	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
78	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
78	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
78	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
78	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
78	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000098
78	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000194
79	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000198
79	V30X40	Beam	No Messages	0.4875	DIS1.2CM+CV-SX+0.3SY	0.000088
79	V30X40	Beam	No Messages	0.975	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000052
79	V30X40	Beam	No Messages	1.4625	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000052
79	V30X40	Beam	No Messages	1.95	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000052
79	V30X40	Beam	No Messages	1.95	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000052
79	V30X40	Beam	No Messages	2.3625	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000052
79	V30X40	Beam	No Messages	2.775	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000052
79	V30X40	Beam	No Messages	3.1875	DIS1.2CM+CV+SX-0.3SY	0.000112
79	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000211

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
80	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000193
80	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000097
80	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
80	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
80	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
80	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
80	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
80	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000097
80	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000194
81	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000211
81	V30X40	Beam	No Messages	0.4125	DIS1.2CM+CV-SX+0.3SY	0.000112
81	V30X40	Beam	No Messages	0.825	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052
81	V30X40	Beam	No Messages	1.2375	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052
81	V30X40	Beam	No Messages	1.65	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052
81	V30X40	Beam	No Messages	1.65	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052
81	V30X40	Beam	No Messages	2.1375	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052
81	V30X40	Beam	No Messages	2.625	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052
81	V30X40	Beam	No Messages	3.1125	DIS1.2CM+CV+SX-0.3SY	0.000087
81	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000197
82	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000196
82	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000099
82	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048
82	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048
82	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048
82	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048
82	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048
82	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048
82	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000088
82	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000181
83	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000203

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
83	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000103
83	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005
83	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005
83	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005
83	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005
83	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005
83	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005
83	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000093
83	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000185
85	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000172
85	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000082
85	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
85	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
85	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
85	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
85	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
85	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
85	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000094
85	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000193
86	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.000182
86	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.00009
86	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
86	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
86	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
86	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
86	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
86	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048
86	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000097
86	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000192
87	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.000189

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
87	V30X40	Beam	No Messages	0.4875	DIS1.2CM+CV-SX-0.3SY	0.000081
87	V30X40	Beam	No Messages	0.975	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051
87	V30X40	Beam	No Messages	1.4625	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051
87	V30X40	Beam	No Messages	1.95	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051
87	V30X40	Beam	No Messages	1.95	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051
87	V30X40	Beam	No Messages	2.3625	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051
87	V30X40	Beam	No Messages	2.775	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051
87	V30X40	Beam	No Messages	3.1875	DIS1.2CM+CV+SX-0.3SY	0.000106
87	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000204
88	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000189
88	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000094
88	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000047
88	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000047
88	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000047
88	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000047
88	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000047
88	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000096
88	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000192
89	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.000203
89	V30X40	Beam	No Messages	0.4125	DIS1.2CM+CV-SX+0.3SY	0.000104
89	V30X40	Beam	No Messages	0.825	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00005
89	V30X40	Beam	No Messages	1.2375	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00005
89	V30X40	Beam	No Messages	1.65	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00005
89	V30X40	Beam	No Messages	1.65	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00005
89	V30X40	Beam	No Messages	2.1375	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00005
89	V30X40	Beam	No Messages	2.625	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00005
89	V30X40	Beam	No Messages	3.1125	DIS1.2CM+CV+SX-0.3SY	0.000088
89	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.0002
90	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.000188
90	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0.3SY	0.000094

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
90	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000047
90	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000047
90	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000047
90	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000047
90	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000047
90	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000047
90	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000086
90	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000179
91	V30X40	Beam	No Messages	0.	DIS1.2CM+CV-SX-0.3SY	0.000199
91	V30X40	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000099
91	V30X40	Beam	No Messages	0.9	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000049
91	V30X40	Beam	No Messages	1.35	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000049
91	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000049
91	V30X40	Beam	No Messages	1.8	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000049
91	V30X40	Beam	No Messages	2.25	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000049
91	V30X40	Beam	No Messages	2.7	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000049
91	V30X40	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000082
91	V30X40	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0.3SY	0.000172
35	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.000196
35	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00008
35	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00008
35	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00008
35	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00008
35	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY-0.3SX	0.000122
35	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.000246
51	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000333
51	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0.3SY	0.000158
51	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000129
51	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000129
51	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000129
51	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000129
51	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000129
51	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000129

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
51	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX+ 0.3SY	0.000208
51	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000404
52	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00041
52	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0. 3SY	0.000208
52	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000131
52	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000131
52	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000131
52	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000131
52	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000131
52	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000131
52	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0 .3SY	0.000208
52	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000411
59	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000405
59	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0. 3SY	0.000208
59	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000138
59	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000138
59	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000138
59	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000138
59	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000138
59	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000138
59	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0 .3SY	0.000208
59	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000433
60	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000493
60	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0. 3SY	0.000208
60	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000165
60	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000165
60	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000165
60	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000165
60	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000165
60	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000165
60	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000217
60	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000524
63	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000525
63	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000217
63	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000165
63	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000165
63	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000165
63	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000165
63	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000165
63	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000165
63	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0 .3SY	0.000208
63	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000488
64	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000403
64	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0. 3SY	0.000208
64	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000129
64	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000129
64	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000129
64	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000129

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
64	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000129
64	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000129
64	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000195
64	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000374
65	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000399
65	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000208
65	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000127
65	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000127
65	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000127
65	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000127
65	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000127
65	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000127
65	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.000158
65	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000334
66	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.000208
66	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000091
66	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000091
66	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000091
66	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000091
66	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY+0.3SX	0.000152
66	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY+0.3SX	0.000281
76	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.000208
76	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000099
76	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000099
76	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000099
76	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000099
76	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY-0.3SX	0.000148
76	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.000306
92	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.000208
92	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000101
92	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000101
92	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000101
92	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000101
92	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY-0.3SX	0.000152
92	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.000312

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
94	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000232
94	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SY-0.3SX	0.000093
94	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000091
94	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000091
94	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000091
94	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY-0.3SX	0.000134
94	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY-0.3SX	0.000281
96	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000276
96	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SY-0.3SX	0.000135
96	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000089
96	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000089
96	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000089
96	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY+0.3SX	0.000124
96	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY+0.3SX	0.000263
98	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000247
98	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SY-0.3SX	0.000104
98	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000095
98	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000095
98	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000095
98	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY+0.3SX	0.000145
98	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY+0.3SX	0.000295
100	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.000208
100	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000103
100	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000103
100	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000103
100	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000103
100	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV+SY+0.3SX	0.00016
100	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV+SY+0.3SX	0.00032
101	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000699
101	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000283
101	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
101	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
101	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
101	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
101	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
101	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
101	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000322
101	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000759
102	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000759
102	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.00032
102	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
102	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
102	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
102	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
102	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
102	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
102	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000321
102	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.00076
103	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000757
103	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000319
103	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
103	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
103	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
103	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
103	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
103	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
103	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000318
103	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000756
104	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000705
104	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000297
104	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
104	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
104	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
104	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
104	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
104	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
104	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000295
104	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000702
117	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000717
117	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000302
117	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
117	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
117	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
117	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
117	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
117	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
117	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000302
117	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000717
118	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000735
118	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000309
118	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
118	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
118	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
118	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
118	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
118	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
118	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.00031
118	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000736
135	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000759
135	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000322
135	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
135	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
135	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
135	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
135	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
135	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
135	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000284
135	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.0007
136	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000288
136	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000168
136	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000106
136	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000106
136	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000106
136	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000106
136	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000106
136	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000106
136	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.000205
136	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000329
137	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000664
137	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000273
137	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
137	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
137	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
137	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
137	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
137	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
137	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000283
137	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000677
138	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00054
138	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000242
138	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.00017
138	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.00017
138	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.00017
138	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.00017
138	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.00017
138	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.00017
138	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000239
138	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000537
139	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000578
139	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000256
139	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000181
139	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000181
139	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000181
139	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000181
139	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000181
139	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000181
139	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000252

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
139	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000574
140	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000397
140	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX-0.3SY	0.000208
140	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000127
140	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000127
140	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000127
140	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000127
140	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000127
140	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000127
140	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX-0.3SY	0.000208
140	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000377
141	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000313
141	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000191
141	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000101
141	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000101
141	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000101
141	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000101
141	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000101
141	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000101
141	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.000186
141	V25X30	Beam	No Messages	3.6	DIS1.2CM+CV+SX+0.3SY	0.000307
142	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SX+0.3SY	0.000318
142	V25X30	Beam	No Messages	0.45	DIS1.2CM+CV-SX+0.3SY	0.000194
142	V25X30	Beam	No Messages	0.9	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102
142	V25X30	Beam	No Messages	1.35	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102
142	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102
142	V25X30	Beam	No Messages	1.8	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102
142	V25X30	Beam	No Messages	2.25	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102
142	V25X30	Beam	No Messages	2.7	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102
142	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV+SX+0.3SY	0.00017
142	V25X30	Beam	No Messages	3.6	DIS1.2CM+CV+SX+0.3SY	0.000291
143	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000102
143	VT15x30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000085
143	VT15x30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000085
143	VT15x30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000085
143	VT15x30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000085

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
143	VT15x30	Beam	No Messages	2.25	1.2CM+1.6CV	0.000103
143	VT15x30	Beam	No Messages	2.7	1.2CM+1.6CV	0.000266
145	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000123
145	VT15x30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000089
145	VT15x30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000089
145	VT15x30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000089
145	VT15x30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000089
145	VT15x30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000089
145	VT15x30	Beam	No Messages	2.7	1.2CM+1.6CV	0.00028
147	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000125
147	VT15x30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000087
147	VT15x30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000087
147	VT15x30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000087
147	VT15x30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000087
147	VT15x30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000087
147	VT15x30	Beam	No Messages	2.7	1.2CM+1.6CV	0.000275
150	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000168
150	VT15x30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000078
150	VT15x30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000078
150	VT15x30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000078
150	VT15x30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000078
150	VT15x30	Beam	No Messages	2.25	1.2CM+1.6CV	0.000102
150	VT15x30	Beam	No Messages	2.7	1.2CM+1.6CV	0.000245
152	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000167
152	VT15x30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.00008
152	VT15x30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.00008
152	VT15x30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.00008
152	VT15x30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.00008
152	VT15x30	Beam	No Messages	2.25	1.2CM+1.6CV	0.000108
152	VT15x30	Beam	No Messages	2.7	1.2CM+1.6CV	0.000251
155	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000113
155	VT15x30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000083
155	VT15x30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000083
155	VT15x30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000083
155	VT15x30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000083
155	VT15x30	Beam	No Messages	2.25	1.2CM+1.6CV	0.0001
155	VT15x30	Beam	No Messages	2.7	1.2CM+1.6CV	0.000262
157	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000102
157	VT15x30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000085
157	VT15x30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000085
157	VT15x30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000085
157	VT15x30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000085
157	VT15x30	Beam	No Messages	2.25	1.2CM+1.6CV	0.000104
157	VT15x30	Beam	No Messages	2.7	1.2CM+1.6CV	0.000268
197	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY+0.3SX	0.000034
197	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000049
197	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000049
197	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000049
197	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000049

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
197	C30x30-1	Column	No Messages	0.3125	DIS0.9CM+SY-0.3SX	0.000063
197	C30x30-1	Column	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX	0.000106
197	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX	0.000151
197	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY-0.3SX	0.000197
198	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY+0.3SX	0.000039
198	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00005
198	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00005
198	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00005
198	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX (Sp)	0.00005
198	C30x30-1	Column	No Messages	0.3125	DIS0.9CM+SY-0.3SX	0.000059
198	C30x30-1	Column	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX	0.000104
198	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX	0.000153
198	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY-0.3SX	0.000202
199	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY+0.3SX	0.000055
199	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052
199	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052
199	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052
199	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052
199	C30x30-1	Column	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX	0.000076
199	C30x30-1	Column	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX	0.000121
199	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX	0.000166
199	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY-0.3SX	0.000212
200	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY+0.3SX	0.000054
200	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000054
200	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000054
200	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000054
200	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000054
200	C30x30-1	Column	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX	0.000076
200	C30x30-1	Column	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX	0.000123
200	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX	0.00017

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
200	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY-0.3SX	0.000218
201	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY-0.3SX	0.000043
201	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000054
201	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000054
201	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000054
201	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000054
201	C30x30-1	Column	No Messages	0.3125	DIS0.9CM+SY+0.3SX	0.000066
201	C30x30-1	Column	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX	0.000113
201	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX	0.000167
201	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY+0.3SX	0.000221
203	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY-0.3SX	0.000042
203	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
203	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
203	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
203	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
203	C30x30-1	Column	No Messages	0.3125	DIS0.9CM+SY+0.3SX	0.000066
203	C30x30-1	Column	No Messages	0.375	DIS0.9CM+SY+0.3SX	0.00011
203	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX	0.000166
203	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY+0.3SX	0.000226
204	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY-0.3SX	0.000048
204	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
204	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
204	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
204	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
204	C30x30-1	Column	No Messages	0.3125	DIS0.9CM+SY+0.3SX	0.000069
204	C30x30-1	Column	No Messages	0.375	DIS0.9CM+SY+0.3SX	0.000115
204	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX	0.000173
204	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY+0.3SX	0.000234
205	C30x30-1	Column	No Messages	0.	DIS0.9CM-SY-0.3SX	0.000064
205	C30x30-1	Column	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006
205	C30x30-1	Column	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
205	C30x30-1	Column	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006
205	C30x30-1	Column	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006
205	C30x30-1	Column	No Messages	0.3125	DIS0.9CM+SY+0.3SX	0.00008
205	C30x30-1	Column	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX	0.000133
205	C30x30-1	Column	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX	0.000189
205	C30x30-1	Column	No Messages	0.5	DIS1.2CM+CV+SY+0.3SX	0.00024
206	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000288
206	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY+0.3SX	0.000139
206	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000101
206	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000101
206	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000101
206	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000101
206	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000101
206	V25X30	Beam	No Messages	3.28125	DIS1.2CM+CV+SY-0.3SX	0.000145
206	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000312
207	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000289
207	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY+0.3SX	0.000129
207	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000113
207	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000113
207	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000113
207	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000113
207	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000113
207	V25X30	Beam	No Messages	3.28125	DIS1.2CM+CV+SY-0.3SX	0.000201
207	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000352
209	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000306
209	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY-0.3SX	0.000158
209	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.0001
209	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.0001
209	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.0001
209	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.0001
209	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.0001
209	V25X30	Beam	No Messages	3.28125	DIS1.2CM+CV+SY+0.3SX	0.000155
209	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000312
210	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000289
210	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY-0.3SX	0.000139
210	V25X30	Beam	No Messages	0.9375	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000118
210	V25X30	Beam	No Messages	1.40625	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000118
210	V25X30	Beam	No Messages	1.875	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000118
210	V25X30	Beam	No Messages	2.34375	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000118

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
210	V25X30	Beam	No Messages	2.8125	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000118
210	V25X30	Beam	No Messages	3.28125	DIS1.2CM+CV+SY-0.3SX	0.000208
210	V25X30	Beam	No Messages	3.75	DIS1.2CM+CV+SY+0.3SX	0.000367
211	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00034
211	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY+0.3SX	0.000147
211	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000119
211	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000119
211	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000119
211	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000119
211	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000119
211	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000164
211	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.00037
212	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00034
212	V25X30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000144
212	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000136
212	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000136
212	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000136
212	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000136
212	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000136
212	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000208
212	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000427
213	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000341
213	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY+0.3SX	0.000157
213	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000121
213	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000121
213	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000121
213	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000121
213	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000121
213	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000173
213	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000378
215	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000339
215	V25X30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000141
215	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000131
215	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000131
215	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000131
215	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000131
215	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000131
215	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000208
215	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000412
216	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000334
216	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY+0.3SX	0.000143
216	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000122
216	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000122
216	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000122
216	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000122
216	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000122
216	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000173
216	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.00038
217	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000337

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
217	V25X30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.00014
217	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000133
217	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000133
217	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000133
217	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000133
217	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000133
217	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000208
217	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000418
218	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000337
218	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY-0.3SX	0.000145
218	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000118
218	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000118
218	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000118
218	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000118
218	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000118
218	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000163
218	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.00037
219	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000335
219	V25X30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000141
219	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.00014
219	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.00014
219	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.00014
219	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.00014
219	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.00014
219	V25X30	Beam	No Messages	3.28125	DIS1.2CM+CV+SX+0.3SY	0.000208
219	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.00044
221	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000346
221	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY-0.3SX	0.000161
221	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000115
221	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000115
221	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000115
221	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000115
221	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000115
221	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000153
221	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.00036
222	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000342
222	V25X30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000149
222	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000139
222	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000139
222	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000139
222	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000139
222	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000139
222	V25X30	Beam	No Messages	3.28125	DIS1.2CM+CV+SX+0.3SY	0.000208
222	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000439
223	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000343
223	V25X30	Beam	No Messages	0.46875	DIS1.2CM+CV-SY-0.3SX	0.000156
223	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000116
223	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000116
223	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000116
223	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000116

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
223	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000116
223	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000155
223	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000362
224	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000348
224	V25X30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000152
224	V25X30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000135
224	V25X30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000135
224	V25X30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000135
224	V25X30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000135
224	V25X30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000135
224	V25X30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000208
224	V25X30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000425
225	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.00033
225	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.00011
225	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000103
225	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000103
225	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000103
225	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000103
225	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000103
225	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV (Sp)	0.000103
225	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000293
227	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000167
227	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000115
227	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000057
227	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000057
227	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000057
227	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000057
227	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000057
227	VT15x30	Beam	No Messages	3.28125	DIS1.2CM+CV+SY-0.3SX	0.000125
227	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000175
228	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000318
228	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV (Sp)	0.000118
228	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000118
228	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000118
228	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000118
228	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000118
228	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000118
228	VT15x30	Beam	No Messages	3.28125	DIS1.2CM+CV+SX-0.3SY	0.000125
228	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000382
229	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000372
229	VT15x30	Beam	No Messages	0.46875	DIS1.2CM+CV+SX-0.3SY	0.000125
229	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000116
229	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000116
229	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000116
229	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000116
229	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000116
229	VT15x30	Beam	No Messages	3.28125	DIS1.2CM+CV+SX+0.3SY	0.000125
229	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.00036
230	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000315
230	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV (Sp)	0.000119
230	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000119

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
230	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000119
230	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000119
230	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000119
230	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000119
230	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000126
230	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000384
231	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000372
231	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000125
231	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000116
231	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000116
231	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000116
231	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000116
231	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000116
231	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000125
231	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000343
233	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000305
233	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV (Sp)	0.000117
233	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000117
233	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000117
233	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000117
233	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000117
233	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000117
233	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000125
233	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000377
234	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.00036
234	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000125
234	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.00012
234	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.00012
234	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.00012
234	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.00012
234	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.00012
234	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV	0.000134
234	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000388
235	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000319
235	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV (Sp)	0.0001
235	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.0001
235	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.0001
235	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.0001
235	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.0001
235	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.0001
235	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV (Sp)	0.0001
235	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000297
236	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000169
236	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000122
236	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000065
236	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000065
236	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000065
236	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000065
236	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV	0.000074
236	VT15x30	Beam	No Messages	3.28125	DIS1.2CM+CV+SX-0 .3SY	0.000125
236	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000203
237	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000325
237	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000105

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
237	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000102
237	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000102
237	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000102
237	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000102
237	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000102
237	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV (Sp)	0.000102
237	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.000294
239	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.00017
239	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.00012
239	VT15x30	Beam	No Messages	0.9375	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006
239	VT15x30	Beam	No Messages	1.40625	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006
239	VT15x30	Beam	No Messages	1.875	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006
239	VT15x30	Beam	No Messages	2.34375	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006
239	VT15x30	Beam	No Messages	2.8125	DIS1.2CM+CV+SY+0.3SX	0.000063
239	VT15x30	Beam	No Messages	3.28125	DIS1.2CM+CV+SX+0.3SY	0.000125
239	VT15x30	Beam	No Messages	3.75	DIS1.2CM+CV+SY+0.3SX	0.000187
240	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000332
240	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000112
240	VT15x30	Beam	No Messages	0.9375	1.2CM+1.6CV (Sp)	0.000104
240	VT15x30	Beam	No Messages	1.40625	1.2CM+1.6CV (Sp)	0.000104
240	VT15x30	Beam	No Messages	1.875	1.2CM+1.6CV (Sp)	0.000104
240	VT15x30	Beam	No Messages	2.34375	1.2CM+1.6CV (Sp)	0.000104
240	VT15x30	Beam	No Messages	2.8125	1.2CM+1.6CV (Sp)	0.000104
240	VT15x30	Beam	No Messages	3.28125	1.2CM+1.6CV (Sp)	0.000104
240	VT15x30	Beam	No Messages	3.75	1.2CM+1.6CV	0.00029
241	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000167
241	VT15x30	Beam	No Messages	0.46875	1.2CM+1.6CV	0.000115
241	VT15x30	Beam	No Messages	0.9375	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000058
241	VT15x30	Beam	No Messages	1.40625	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000058
241	VT15x30	Beam	No Messages	1.875	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000058
241	VT15x30	Beam	No Messages	2.34375	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000058
241	VT15x30	Beam	No Messages	2.8125	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000058
241	VT15x30	Beam	No Messages	3.28125	DIS1.2CM+CV+SY-0.3SX	0.000125
241	VT15x30	Beam	No Messages	3.75	DIS1.2CM+CV+SY+0.3SX	0.000179
242	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00038
242	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000195
242	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000195
242	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000195
242	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000195
242	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000195
242	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000195
242	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000195
242	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000289

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
242	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000628
256	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000688
256	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000286
256	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
256	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
256	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
256	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
256	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
256	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
256	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.00033
256	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000755
258	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000729
258	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000314
258	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
258	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
258	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
258	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
258	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
258	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
258	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000319
258	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000737
260	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000744
260	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000323
260	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000208
260	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000208
260	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
260	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000208
260	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000208
260	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000208
260	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000289
260	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000692
262	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00056
262	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.00025
262	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000175
262	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000175
262	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000175
262	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000175
262	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000175
262	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000175
262	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000211
262	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000503
264	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000532
264	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000229
264	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000167
264	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000167
264	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000167
264	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000167
264	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000167
264	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000167
264	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000219
264	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000517
266	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000594
266	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000264
266	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000185

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
266	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000185
266	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000185
266	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000185
266	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000185
266	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000185
266	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV (Sp)	0.000185
266	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000396
11	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00051
11	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000279
11	V25X30	Beam	No Messages	0.98333	1.2CM+1.6CV (Sp)	0.000161
11	V25X30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000012
67	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000514
67	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000281
67	V25X30	Beam	No Messages	0.98333	1.2CM+1.6CV (Sp)	0.000162
67	V25X30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000011
68	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000921
68	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000461
68	V25X30	Beam	No Messages	0.98333	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208
68	V25X30	Beam	No Messages	1.475	DIS1.2CM+CV+SX-0 .3SY	0.
84	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000634
84	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000354
84	V25X30	Beam	No Messages	0.98333	1.2CM+1.6CV (Sp)	0.000197
84	V25X30	Beam	No Messages	1.475	DIS1.2CM+CV+SX-0 .3SY	0.
93	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000781
93	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.00039
93	V25X30	Beam	No Messages	0.98333	1.2CM+1.6CV (Sp)	0.000208
93	V25X30	Beam	No Messages	1.475	DIS1.2CM+CV+SX-0 .3SY	0.
95	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.001038
95	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000528
95	V25X30	Beam	No Messages	0.98333	1.2CM+1.6CV (Sp)	0.000229
95	V25X30	Beam	No Messages	1.475	DIS1.2CM+CV+SX-0 .3SY	0.
97	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000986
97	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.00051
97	V25X30	Beam	No Messages	0.98333	1.2CM+1.6CV (Sp)	0.000219
97	V25X30	Beam	No Messages	1.475	DIS1.2CM+CV+SX-0 .3SY	0.
99	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000888
99	V25X30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000456
99	V25X30	Beam	No Messages	0.98333	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208
99	V25X30	Beam	No Messages	1.475	DIS1.2CM+CV+SX-0 .3SY	0.
144	V25X30	Beam	No Messages	0.	DIS1.2CM+CV-SX+0 .3SY	0.000061
144	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.00003
144	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.00003
144	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.00003
144	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.00003
144	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.00003
144	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.00003
144	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.00003

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
144	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV (Sp)	0.00003
144	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000121
146	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000125
146	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000052
146	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000052
146	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000052
146	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000052
146	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000052
146	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000052
146	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000052
146	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000074
146	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000208
149	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000181
149	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000117
149	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV	0.00006
149	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000045
149	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000045
149	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000045
149	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000045
149	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000045
149	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000078
149	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000127
151	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000165
151	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000046
151	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000041
151	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000041
151	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000041
151	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000041
151	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000041
151	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000041
151	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.00005
151	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000167
153	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000184
153	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000057
153	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000045
153	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000045
153	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000045
153	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000045
153	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000045
153	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000045
153	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000047
153	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000171
156	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000153
156	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000059
156	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000038
156	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000038
156	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000038
156	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000038
156	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000038
156	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000038
156	V25X30	Beam	No Messages	3.15	DIS1.2CM+CV-SY+0.3SX	0.000039
156	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000125
158	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000117

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
158	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV (Sp)	0.000029
158	V25X30	Beam	No Messages	3.6	DIS1.2CM+CV+SX-0 .3SY	0.000061
188	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000222
188	VT15x30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000131
188	VT15x30	Beam	No Messages	0.98333	1.2CM+1.6CV	0.000091
188	VT15x30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000043
189	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000313
189	VT15x30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000157
189	VT15x30	Beam	No Messages	0.98333	1.2CM+1.6CV	0.000111
189	VT15x30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000111
191	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000266
191	VT15x30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000136
191	VT15x30	Beam	No Messages	0.98333	1.2CM+1.6CV	0.000113
191	VT15x30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000125
192	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000355
192	VT15x30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000181
192	VT15x30	Beam	No Messages	0.98333	1.2CM+1.6CV	0.000123
192	VT15x30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000104
193	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000294
193	VT15x30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000138
193	VT15x30	Beam	No Messages	0.98333	1.2CM+1.6CV (Sp)	0.000093
193	VT15x30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000082
194	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000245
194	VT15x30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000153
194	VT15x30	Beam	No Messages	0.98333	1.2CM+1.6CV	0.000122
194	VT15x30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000074
195	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000221
195	VT15x30	Beam	No Messages	0.49167	1.2CM+1.6CV	0.000131
195	VT15x30	Beam	No Messages	0.98333	1.2CM+1.6CV	0.000094
195	VT15x30	Beam	No Messages	1.475	1.2CM+1.6CV	0.000047
243	V25X30	Beam	No Messages	0.	DIS1.2CM+CV+SX-0 .3SY	0.
243	V25X30	Beam	See ErrMsg	0.475	1.2CM+1.6CV	0.000259
243	V25X30	Beam	See ErrMsg	0.95	1.2CM+1.6CV	0.000749
257	V25X30	Beam	See ErrMsg	0.	DIS1.2CM+CV+SX-0 .3SY	0.
257	V25X30	Beam	See ErrMsg	0.475	1.2CM+1.6CV	0.000204
257	V25X30	Beam	See ErrMsg	0.95	1.2CM+1.6CV	0.000398
259	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000084
259	VT15x30	Beam	No Messages	0.475	1.2CM+1.6CV	0.000096
259	VT15x30	Beam	No Messages	0.95	1.2CM+1.6CV	0.000149
261	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.000107
261	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV (Sp)	0.000072
261	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000072
261	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000072
261	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000072
261	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000072

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
261	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000072
261	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000072
261	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV	0.000104
261	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.00022
263	V25X30	Beam	See ErrMsg	0.	DIS1.2CM+CV+SX-0.3SY	0.
263	V25X30	Beam	See ErrMsg	0.475	1.2CM+1.6CV	0.000203
263	V25X30	Beam	See ErrMsg	0.95	1.2CM+1.6CV	0.000397
265	VT15x30	Beam	No Messages	0.	1.2CM+1.6CV	0.000084
265	VT15x30	Beam	No Messages	0.475	1.2CM+1.6CV	0.000096
265	VT15x30	Beam	No Messages	0.95	1.2CM+1.6CV	0.00015
267	V25X30	Beam	No Messages	0.	1.2CM+1.6CV	0.00022
267	V25X30	Beam	No Messages	0.45	1.2CM+1.6CV	0.000104
267	V25X30	Beam	No Messages	0.9	1.2CM+1.6CV (Sp)	0.000072
267	V25X30	Beam	No Messages	1.35	1.2CM+1.6CV (Sp)	0.000072
267	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000072
267	V25X30	Beam	No Messages	1.8	1.2CM+1.6CV (Sp)	0.000072
267	V25X30	Beam	No Messages	2.25	1.2CM+1.6CV (Sp)	0.000072
267	V25X30	Beam	No Messages	2.7	1.2CM+1.6CV (Sp)	0.000072
267	V25X30	Beam	No Messages	3.15	1.2CM+1.6CV (Sp)	0.000072
267	V25X30	Beam	No Messages	3.6	1.2CM+1.6CV	0.000108
27	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.00019
27	v25x35	Beam	No Messages	0.5	DIS1.2CM+CV-SY+0.3SX	0.000127
27	v25x35	Beam	No Messages	1.	DIS1.2CM+CV-SY+0.3SX	0.000072
27	v25x35	Beam	No Messages	1.5	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	2.	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	2.5	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	3.	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	3.5	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	4.	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	4.5	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	5.	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	5.5	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	6.	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047
27	v25x35	Beam	No Messages	6.5	DIS1.2CM+CV+SY-0.3SX	0.000073
27	v25x35	Beam	No Messages	7.	DIS1.2CM+CV+SY-0.3SX	0.000126
27	v25x35	Beam	No Messages	7.5	DIS1.2CM+CV+SY-0.3SX	0.000186
29	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000226
29	v25x35	Beam	No Messages	0.5	DIS1.2CM+CV-SY-0.3SX	0.000157

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
29	v25x35	Beam	No Messages	1.	DIS1.2CM+CV-SY-0.3SX	0.000097
29	v25x35	Beam	No Messages	1.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	2.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	2.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	3.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	3.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	4.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	4.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	5.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	5.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057
29	v25x35	Beam	No Messages	6.	DIS0.9CM+SY+0.3SX	0.000062
29	v25x35	Beam	No Messages	6.5	DIS1.2CM+CV+SY+0.3SX	0.000106
29	v25x35	Beam	No Messages	7.	DIS1.2CM+CV+SY+0.3SX	0.000164
29	v25x35	Beam	No Messages	7.5	DIS1.2CM+CV+SY+0.3SX	0.00023
30	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY-0.3SX	0.000224
30	v25x35	Beam	No Messages	0.5	DIS1.2CM+CV-SY-0.3SX	0.000156
30	v25x35	Beam	No Messages	1.	DIS1.2CM+CV-SY-0.3SX	0.000096
30	v25x35	Beam	No Messages	1.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	2.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	2.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	3.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	3.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	4.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	4.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	5.	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	5.5	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059
30	v25x35	Beam	No Messages	6.	DIS0.9CM+SY+0.3SX	0.000067
30	v25x35	Beam	No Messages	6.5	DIS1.2CM+CV+SY+0.3SX	0.000115
30	v25x35	Beam	No Messages	7.	DIS1.2CM+CV+SY+0.3SX	0.000173
30	v25x35	Beam	No Messages	7.5	DIS1.2CM+CV+SY+0.3SX	0.000241

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	Status	Location	FTopCombo	FTopArea
				m		m2
36	v25x35	Beam	No Messages	0.	DIS1.2CM+CV-SY+0.3SX	0.000227
36	v25x35	Beam	No Messages	0.5	DIS1.2CM+CV-SY+0.3SX	0.000158
36	v25x35	Beam	No Messages	1.	DIS1.2CM+CV-SY+0.3SX	0.000098
36	v25x35	Beam	No Messages	1.5	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	2.	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	2.5	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	3.	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	3.5	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	4.	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	4.5	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	5.	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	5.5	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057
36	v25x35	Beam	No Messages	6.	DIS0.9CM+SY-0.3SX	0.000063
36	v25x35	Beam	No Messages	6.5	DIS1.2CM+CV+SY-0.3SX	0.000106
36	v25x35	Beam	No Messages	7.	DIS1.2CM+CV+SY-0.3SX	0.000164
36	v25x35	Beam	No Messages	7.5	DIS1.2CM+CV+SY-0.3SX	0.00023

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
4	DIS0.9CM+SY-0.3SX	0.000104	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000226	DIS1.2CM+CV+SX-0.3SY	0.
4	DIS1.2CM+CV+SY-0.3SX	0.000082	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000202	DIS1.2CM+CV+SX-0.3SY	0.
4	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052	DIS1.2CM+CV+SX-0.3SY (Sp)	0.0002	DIS1.2CM+CV+SX-0.3SY	0.
4	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000224	DIS1.2CM+CV+SX-0.3SY	0.
4	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000248	DIS1.2CM+CV+SX-0.3SY	0.
4	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000052	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000272	DIS1.2CM+CV+SX-0.3SY	0.
4	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000104	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000296	DIS1.2CM+CV+SX-0.3SY	0.
10	DIS1.2CM+CV+SY-0.3SX	0.000144	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000277	DIS1.2CM+CV+SX-0.3SY	0.
10	DIS1.2CM+CV+SY-0.3SX	0.000111	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000252	DIS1.2CM+CV+SX-0.3SY	0.
10	DIS1.2CM+CV+SY-0.3SX	0.000066	DIS0.9CM-SY+0.3SX (Sp)	0.00023	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
10	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000059	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000253	DIS1.2CM+CV+SX-0.3SY	0.
10	DIS0.9CM-SY+0.3SX	0.000059	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000277	DIS1.2CM+CV+SX-0.3SY	0.
10	DIS0.9CM-SY+0.3SX	0.000094	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000301	DIS1.2CM+CV+SX-0.3SY	0.
10	DIS0.9CM-SY+0.3SX	0.000121	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000326	DIS1.2CM+CV+SX-0.3SY	0.
18	DIS0.9CM+SY+0.3SX	0.000173	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000291	DIS1.2CM+CV+SX-0.3SY	0.
18	DIS1.2CM+CV+SY+0.3SX	0.000126	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000267	DIS1.2CM+CV+SX-0.3SY	0.
18	DIS1.2CM+CV+SY+0.3SX	0.000071	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000262	DIS1.2CM+CV+SX-0.3SY	0.
18	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000067	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000286	DIS1.2CM+CV+SX-0.3SY	0.
18	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000067	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00031	DIS1.2CM+CV+SX-0.3SY	0.
18	DIS0.9CM-SY-0.3SX	0.000076	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000334	DIS1.2CM+CV+SX-0.3SY	0.
18	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000136	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000358	DIS1.2CM+CV+SX-0.3SY	0.
26	DIS0.9CM+SY+0.3SX	0.000129	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000256	DIS1.2CM+CV+SX-0.3SY	0.
26	DIS1.2CM+CV+SY+0.3SX	0.000103	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000232	DIS1.2CM+CV+SX-0.3SY	0.
26	DIS1.2CM+CV+SY+0.3SX	0.000069	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000207	DIS1.2CM+CV+SX-0.3SY	0.
26	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000047	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000201	DIS1.2CM+CV+SX-0.3SY	0.
26	DIS1.2CM+CV-SY-0.3SX	0.000078	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000225	DIS1.2CM+CV+SX-0.3SY	0.
26	DIS1.2CM+CV-SY-0.3SX	0.000103	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000249	DIS1.2CM+CV+SX-0.3SY	0.
26	DIS0.9CM-SY-0.3SX	0.000131	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000273	DIS1.2CM+CV+SX-0.3SY	0.
34	DIS1.2CM+CV+SY-0.3SX	0.000129	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00025	DIS1.2CM+CV+SX-0.3SY	0.
34	DIS1.2CM+CV+SY-0.3SX	0.000107	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000225	DIS1.2CM+CV+SX-0.3SY	0.
34	DIS1.2CM+CV+SY-0.3SX	0.000074	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000201	DIS1.2CM+CV+SX-0.3SY	0.
34	DIS1.2CM+CV-SY+0.3SX	0.000046	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000198	DIS1.2CM+CV+SX-0.3SY	0.
34	DIS1.2CM+CV-SY+0.3SX	0.000081	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000222	DIS1.2CM+CV+SX-0.3SY	0.
34	DIS1.2CM+CV-SY+0.3SX	0.000104	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000246	DIS1.2CM+CV+SX-0.3SY	0.
34	DIS0.9CM-SY+0.3SX	0.000128	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00027	DIS1.2CM+CV+SX-0.3SY	0.
42	DIS1.2CM+CV+SY-0.3SX	0.000184	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00029	DIS1.2CM+CV+SX-0.3SY	0.
42	DIS1.2CM+CV+SY-0.3SX	0.000137	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000265	DIS1.2CM+CV+SX-0.3SY	0.
42	DIS1.2CM+CV+SY-0.3SX	0.000079	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000277	DIS1.2CM+CV+SX-0.3SY	0.
42	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000068	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000301	DIS1.2CM+CV+SX-0.3SY	0.
42	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000068	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000325	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
42	DIS0.9CM-SY+0.3SX	0.000072	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000349	DIS1.2CM+CV+SX-0.3SY	0.
42	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000136	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000373	DIS1.2CM+CV+SX-0.3SY	0.
50	DIS1.2CM+CV+SY+0.3SX	0.00016	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000292	DIS1.2CM+CV+SX-0.3SY	0.
50	DIS1.2CM+CV+SY+0.3SX	0.000121	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000268	DIS1.2CM+CV+SX-0.3SY	0.
50	DIS1.2CM+CV+SY+0.3SX	0.000071	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000246	DIS1.2CM+CV+SX-0.3SY	0.
50	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000062	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00027	DIS1.2CM+CV+SX-0.3SY	0.
50	DIS0.9CM-SY-0.3SX	0.000065	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000294	DIS1.2CM+CV+SX-0.3SY	0.
50	DIS0.9CM-SY-0.3SX	0.000104	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0.3SY	0.
50	DIS0.9CM-SY-0.3SX	0.000137	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000342	DIS1.2CM+CV+SX-0.3SY	0.
58	DIS0.9CM+SY+0.3SX	0.000176	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000291	DIS1.2CM+CV+SX-0.3SY	0.
58	DIS1.2CM+CV+SY+0.3SX	0.000129	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000267	DIS1.2CM+CV+SX-0.3SY	0.
58	DIS1.2CM+CV+SY+0.3SX	0.000072	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000265	DIS1.2CM+CV+SX-0.3SY	0.
58	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000069	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000289	DIS1.2CM+CV+SX-0.3SY	0.
58	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000069	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000313	DIS1.2CM+CV+SX-0.3SY	0.
58	DIS0.9CM-SY-0.3SX	0.000078	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000337	DIS1.2CM+CV+SX-0.3SY	0.
58	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000139	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000362	DIS1.2CM+CV+SX-0.3SY	0.
69	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000055	DIS0.9CM-SY+0.3SX (Sp)	0.00013	DIS1.2CM+CV+SX-0.3SY	0.
69	DIS0.9CM+SX+0.3SY	0.000042	DIS0.9CM-SY+0.3SX (Sp)	0.000116	DIS1.2CM+CV+SX-0.3SY	0.
69	DIS1.2CM+CV+SX+0.3SY	0.00005	DIS0.9CM-SY+0.3SX (Sp)	0.000103	DIS1.2CM+CV+SX-0.3SY	0.
69	1.2CM+1.6CV	0.000054	DIS0.9CM-SY+0.3SX (Sp)	0.000089	DIS1.2CM+CV+SX-0.3SY	0.
69	1.2CM+1.6CV	0.000058	DIS0.9CM-SY+0.3SX (Sp)	0.000082	DIS1.2CM+CV+SX-0.3SY	0.
69	1.2CM+1.6CV	0.00005	DIS0.9CM-SY+0.3SX (Sp)	0.000096	DIS1.2CM+CV+SX-0.3SY	0.
69	DIS1.2CM+CV-SX-0.3SY	0.00003	DIS0.9CM-SY+0.3SX (Sp)	0.000109	DIS1.2CM+CV+SX-0.3SY	0.
69	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000029	DIS0.9CM-SY+0.3SX (Sp)	0.000122	DIS1.2CM+CV+SX-0.3SY	0.
69	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000059	DIS0.9CM-SY+0.3SX (Sp)	0.000136	DIS1.2CM+CV+SX-0.3SY	0.
70	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000052	DIS0.9CM-SY+0.3SX (Sp)	0.000127	DIS1.2CM+CV+SX-0.3SY	0.
70	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000027	DIS0.9CM-SY+0.3SX (Sp)	0.000114	DIS1.2CM+CV+SX-0.3SY	0.
70	1.2CM+1.6CV (Sp)	0.000027	DIS0.9CM-SY+0.3SX (Sp)	0.0001	DIS1.2CM+CV+SX-0.3SY	0.
70	1.2CM+1.6CV	0.000047	DIS0.9CM-SY+0.3SX (Sp)	0.000087	DIS1.2CM+CV+SX-0.3SY	0.
70	1.2CM+1.6CV	0.000053	DIS0.9CM-SY+0.3SX (Sp)	0.000073	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
70	1.2CM+1.6CV	0.000047	DIS0.9CM-SY+0.3S X (Sp)	0.000087	DIS1.2CM+CV+SX-0 .3SY	0.
70	DIS1.2CM+CV-SX-0. 3SY	0.000028	DIS0.9CM-SY+0.3S X (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY	0.
70	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000027	DIS0.9CM-SY+0.3S X (Sp)	0.000114	DIS1.2CM+CV+SX-0 .3SY	0.
70	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000054	DIS0.9CM-SY+0.3S X (Sp)	0.000127	DIS1.2CM+CV+SX-0 .3SY	0.
71	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000054	DIS0.9CM-SY+0.3S X (Sp)	0.000127	DIS1.2CM+CV+SX-0 .3SY	0.
71	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000027	DIS0.9CM-SY+0.3S X (Sp)	0.000114	DIS1.2CM+CV+SX-0 .3SY	0.
71	DIS1.2CM+CV+SX+ 0.3SY	0.00003	DIS0.9CM-SY+0.3S X (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY	0.
71	1.2CM+1.6CV	0.000048	DIS0.9CM-SY+0.3S X (Sp)	0.000087	DIS1.2CM+CV+SX-0 .3SY	0.
71	1.2CM+1.6CV	0.000054	DIS0.9CM-SY+0.3S X (Sp)	0.000074	DIS1.2CM+CV+SX-0 .3SY	0.
71	1.2CM+1.6CV	0.000048	DIS0.9CM-SY+0.3S X (Sp)	0.000086	DIS1.2CM+CV+SX-0 .3SY	0.
71	DIS1.2CM+CV-SX-0. 3SY	0.000032	DIS0.9CM-SY+0.3S X (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY	0.
71	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000027	DIS0.9CM-SY+0.3S X (Sp)	0.000113	DIS1.2CM+CV+SX-0 .3SY	0.
71	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000052	DIS0.9CM-SY+0.3S X (Sp)	0.000127	DIS1.2CM+CV+SX-0 .3SY	0.
72	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000056	DIS0.9CM-SY+0.3S X (Sp)	0.000129	DIS1.2CM+CV+SX-0 .3SY	0.
72	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000028	DIS0.9CM-SY+0.3S X (Sp)	0.000116	DIS1.2CM+CV+SX-0 .3SY	0.
72	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000028	DIS0.9CM-SY+0.3S X (Sp)	0.000102	DIS1.2CM+CV+SX-0 .3SY	0.
72	1.2CM+1.6CV	0.000047	DIS0.9CM-SY+0.3S X (Sp)	0.000089	DIS1.2CM+CV+SX-0 .3SY	0.
72	1.2CM+1.6CV	0.000053	DIS0.9CM-SY+0.3S X (Sp)	0.000076	DIS1.2CM+CV+SX-0 .3SY	0.
72	1.2CM+1.6CV	0.000047	DIS0.9CM-SY+0.3S X (Sp)	0.000088	DIS1.2CM+CV+SX-0 .3SY	0.
72	DIS1.2CM+CV-SX-0. 3SY	0.00003	DIS0.9CM-SY+0.3S X (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY	0.
72	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000028	DIS0.9CM-SY+0.3S X (Sp)	0.000115	DIS1.2CM+CV+SX-0 .3SY	0.
72	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000052	DIS0.9CM-SY+0.3S X (Sp)	0.000128	DIS1.2CM+CV+SX-0 .3SY	0.
73	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000052	DIS0.9CM-SY+0.3S X (Sp)	0.000128	DIS1.2CM+CV+SX-0 .3SY	0.
73	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000028	DIS0.9CM-SY+0.3S X (Sp)	0.000115	DIS1.2CM+CV+SX-0 .3SY	0.
73	DIS1.2CM+CV+SX+ 0.3SY	0.00003	DIS0.9CM-SY+0.3S X (Sp)	0.000102	DIS1.2CM+CV+SX-0 .3SY	0.
73	1.2CM+1.6CV	0.000047	DIS0.9CM-SY+0.3S X (Sp)	0.000088	DIS1.2CM+CV+SX-0 .3SY	0.
73	1.2CM+1.6CV	0.000053	DIS0.9CM-SY+0.3S X (Sp)	0.000076	DIS1.2CM+CV+SX-0 .3SY	0.
73	1.2CM+1.6CV	0.000046	DIS0.9CM-SY+0.3S X (Sp)	0.00009	DIS1.2CM+CV+SX-0 .3SY	0.
73	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000028	DIS0.9CM-SY+0.3S X (Sp)	0.000103	DIS1.2CM+CV+SX-0 .3SY	0.
73	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000028	DIS0.9CM-SY+0.3S X (Sp)	0.000116	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
73	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000056	DIS0.9CM-SY+0.3SX (Sp)	0.00013	DIS1.2CM+CV+SX-0.3SY	0.
74	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000051	DIS0.9CM-SY+0.3SX (Sp)	0.000125	DIS1.2CM+CV+SX-0.3SY	0.
74	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000026	DIS0.9CM-SY+0.3SX (Sp)	0.000112	DIS1.2CM+CV+SX-0.3SY	0.
74	DIS1.2CM+CV+SX+0.3SY	0.000032	DIS0.9CM-SY+0.3SX (Sp)	0.000098	DIS1.2CM+CV+SX-0.3SY	0.
74	1.2CM+1.6CV	0.000048	DIS0.9CM-SY+0.3SX (Sp)	0.000085	DIS1.2CM+CV+SX-0.3SY	0.
74	1.2CM+1.6CV	0.000054	DIS0.9CM-SY+0.3SX (Sp)	0.000073	DIS1.2CM+CV+SX-0.3SY	0.
74	1.2CM+1.6CV	0.000047	DIS0.9CM-SY+0.3SX (Sp)	0.000086	DIS1.2CM+CV+SX-0.3SY	0.
74	1.2CM+1.6CV (Sp)	0.000028	DIS0.9CM-SY+0.3SX (Sp)	0.000099	DIS1.2CM+CV+SX-0.3SY	0.
74	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000026	DIS0.9CM-SY+0.3SX (Sp)	0.000113	DIS1.2CM+CV+SX-0.3SY	0.
74	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000053	DIS0.9CM-SY+0.3SX (Sp)	0.000126	DIS1.2CM+CV+SX-0.3SY	0.
75	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00006	DIS0.9CM-SY+0.3SX (Sp)	0.000137	DIS1.2CM+CV+SX-0.3SY	0.
75	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00003	DIS0.9CM-SY+0.3SX (Sp)	0.000123	DIS1.2CM+CV+SX-0.3SY	0.
75	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00003	DIS0.9CM-SY+0.3SX (Sp)	0.00011	DIS1.2CM+CV+SX-0.3SY	0.
75	1.2CM+1.6CV	0.000049	DIS0.9CM-SY+0.3SX (Sp)	0.000097	DIS1.2CM+CV+SX-0.3SY	0.
75	1.2CM+1.6CV	0.000057	DIS0.9CM-SY+0.3SX (Sp)	0.000083	DIS1.2CM+CV+SX-0.3SY	0.
75	1.2CM+1.6CV	0.000053	DIS0.9CM-SY+0.3SX (Sp)	0.00009	DIS1.2CM+CV+SX-0.3SY	0.
75	DIS1.2CM+CV-SX-0.3SY	0.00005	DIS0.9CM-SY+0.3SX (Sp)	0.000103	DIS1.2CM+CV+SX-0.3SY	0.
75	DIS0.9CM-SX-0.3SY	0.000041	DIS0.9CM-SY+0.3SX (Sp)	0.000117	DIS1.2CM+CV+SX-0.3SY	0.
75	DIS1.2CM+CV+SX+0.3SY (Sp)	0.000054	DIS0.9CM-SY+0.3SX (Sp)	0.00013	DIS1.2CM+CV+SX-0.3SY	0.
77	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000092	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000526	DIS1.2CM+CV+SX-0.3SY	0.
77	DIS0.9CM+SX-0.3SY	0.000062	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000482	DIS1.2CM+CV+SX-0.3SY	0.
77	DIS1.2CM+CV+SX-0.3SY	0.000077	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000438	DIS1.2CM+CV+SX-0.3SY	0.
77	DIS1.2CM+CV+SX-0.3SY	0.00008	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000394	DIS1.2CM+CV+SX-0.3SY	0.
77	1.2CM+1.6CV	0.000074	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00038	DIS1.2CM+CV+SX-0.3SY	0.
77	1.2CM+1.6CV	0.000074	DIS0.9CM-SY+0.3SX (Sp)	0.000367	DIS1.2CM+CV+SX-0.3SY	0.
77	1.2CM+1.6CV	0.000063	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000409	DIS1.2CM+CV+SX-0.3SY	0.
77	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000453	DIS1.2CM+CV+SX-0.3SY	0.
77	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00005	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000497	DIS1.2CM+CV+SX-0.3SY	0.
77	DIS1.2CM+CV+SX-0.3SY (Sp)	0.0001	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000541	DIS1.2CM+CV+SX-0.3SY	0.
78	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000091	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000523	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
78	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000479	DIS1.2CM+CV+SX-0 .3SY	0.
78	DIS1.2CM+CV+SX-0 .3SY	0.000051	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000435	DIS1.2CM+CV+SX-0 .3SY	0.
78	1.2CM+1.6CV	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000391	DIS1.2CM+CV+SX-0 .3SY	0.
78	1.2CM+1.6CV	0.000075	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000358	DIS1.2CM+CV+SX-0 .3SY	0.
78	1.2CM+1.6CV	0.000075	DIS0.9CM-SY+0.3S X (Sp)	0.000353	DIS1.2CM+CV+SX-0 .3SY	0.
78	1.2CM+1.6CV	0.000064	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000397	DIS1.2CM+CV+SX-0 .3SY	0.
78	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00044	DIS1.2CM+CV+SX-0 .3SY	0.
78	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000484	DIS1.2CM+CV+SX-0 .3SY	0.
78	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000096	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000528	DIS1.2CM+CV+SX-0 .3SY	0.
79	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000098	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00054	DIS1.2CM+CV+SX-0 .3SY	0.
79	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000492	DIS1.2CM+CV+SX-0 .3SY	0.
79	DIS1.2CM+CV+SX-0 .3SY	0.000061	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000445	DIS1.2CM+CV+SX-0 .3SY	0.
79	1.2CM+1.6CV	0.000092	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000397	DIS1.2CM+CV+SX-0 .3SY	0.
79	1.2CM+1.6CV	0.000105	DIS0.9CM-SY+0.3S X (Sp)	0.000359	DIS1.2CM+CV+SX-0 .3SY	0.
79	1.2CM+1.6CV	0.000105	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000389	DIS1.2CM+CV+SX-0 .3SY	0.
79	1.2CM+1.6CV	0.000078	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000429	DIS1.2CM+CV+SX-0 .3SY	0.
79	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000469	DIS1.2CM+CV+SX-0 .3SY	0.
79	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00051	DIS1.2CM+CV+SX-0 .3SY	0.
79	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000105	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00055	DIS1.2CM+CV+SX-0 .3SY	0.
80	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000096	DIS0.9CM-SY+0.3S X (Sp)	0.000247	DIS1.2CM+CV+SX-0 .3SY	0.
80	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS0.9CM-SY+0.3S X (Sp)	0.000218	DIS1.2CM+CV+SX-0 .3SY	0.
80	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS0.9CM-SY+0.3S X (Sp)	0.000189	DIS1.2CM+CV+SX-0 .3SY	0.
80	1.2CM+1.6CV	0.000066	DIS0.9CM-SY+0.3S X (Sp)	0.00016	DIS1.2CM+CV+SX-0 .3SY	0.
80	1.2CM+1.6CV	0.000077	DIS0.9CM-SY+0.3S X (Sp)	0.000132	DIS1.2CM+CV+SX-0 .3SY	0.
80	1.2CM+1.6CV	0.000065	DIS0.9CM-SY+0.3S X (Sp)	0.000161	DIS1.2CM+CV+SX-0 .3SY	0.
80	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS0.9CM-SY+0.3S X (Sp)	0.00019	DIS1.2CM+CV+SX-0 .3SY	0.
80	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS0.9CM-SY+0.3S X (Sp)	0.000218	DIS1.2CM+CV+SX-0 .3SY	0.
80	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000096	DIS0.9CM-SY+0.3S X (Sp)	0.000247	DIS1.2CM+CV+SX-0 .3SY	0.
81	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000105	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000548	DIS1.2CM+CV+SX-0 .3SY	0.
81	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000508	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
81	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000468	DIS1.2CM+CV+SX-0.3SY	0.
81	1.2CM+1.6CV	0.000078	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000428	DIS1.2CM+CV+SX-0.3SY	0.
81	1.2CM+1.6CV	0.000104	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000388	DIS1.2CM+CV+SX-0.3SY	0.
81	1.2CM+1.6CV	0.000104	DIS0.9CM-SY+0.3SX (Sp)	0.000358	DIS1.2CM+CV+SX-0.3SY	0.
81	1.2CM+1.6CV	0.000092	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000397	DIS1.2CM+CV+SX-0.3SY	0.
81	DIS1.2CM+CV-SX+0.3SY	0.000061	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000444	DIS1.2CM+CV+SX-0.3SY	0.
81	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000052	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000492	DIS1.2CM+CV+SX-0.3SY	0.
81	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000098	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000539	DIS1.2CM+CV+SX-0.3SY	0.
82	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000097	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000531	DIS1.2CM+CV+SX-0.3SY	0.
82	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000487	DIS1.2CM+CV+SX-0.3SY	0.
82	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000444	DIS1.2CM+CV+SX-0.3SY	0.
82	1.2CM+1.6CV	0.000064	DIS1.2CM+CV+SX-0.3SY (Sp)	0.0004	DIS1.2CM+CV+SX-0.3SY	0.
82	1.2CM+1.6CV	0.000075	DIS0.9CM-SY+0.3SX (Sp)	0.000356	DIS1.2CM+CV+SX-0.3SY	0.
82	1.2CM+1.6CV	0.000075	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000361	DIS1.2CM+CV+SX-0.3SY	0.
82	1.2CM+1.6CV	0.000065	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000394	DIS1.2CM+CV+SX-0.3SY	0.
82	DIS1.2CM+CV-SX+0.3SY	0.000052	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000437	DIS1.2CM+CV+SX-0.3SY	0.
82	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000481	DIS1.2CM+CV+SX-0.3SY	0.
82	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00009	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000525	DIS1.2CM+CV+SX-0.3SY	0.
83	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000101	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000544	DIS1.2CM+CV+SX-0.3SY	0.
83	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000501	DIS1.2CM+CV+SX-0.3SY	0.
83	DIS1.2CM+CV-SX+0.3SY (Sp)	0.00005	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000457	DIS1.2CM+CV+SX-0.3SY	0.
83	1.2CM+1.6CV	0.000062	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000413	DIS1.2CM+CV+SX-0.3SY	0.
83	1.2CM+1.6CV	0.000074	DIS0.9CM-SY+0.3SX (Sp)	0.000371	DIS1.2CM+CV+SX-0.3SY	0.
83	1.2CM+1.6CV	0.000074	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000384	DIS1.2CM+CV+SX-0.3SY	0.
83	DIS1.2CM+CV-SX+0.3SY	0.000081	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000397	DIS1.2CM+CV+SX-0.3SY	0.
83	DIS1.2CM+CV-SX+0.3SY	0.000077	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000441	DIS1.2CM+CV+SX-0.3SY	0.
83	DIS0.9CM-SX+0.3SY	0.000061	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000485	DIS1.2CM+CV+SX-0.3SY	0.
83	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000092	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000529	DIS1.2CM+CV+SX-0.3SY	0.
85	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000086	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00051	DIS1.2CM+CV+SX-0.3SY	0.000507
85	DIS0.9CM+SX-0.3SY	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000467	DIS1.2CM+CV+SX-0.3SY	0.000507

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
85	DIS1.2CM+CV+SX-0.3SY	0.000078	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000423	DIS1.2CM+CV+SX-0.3SY	0.000507
85	DIS1.2CM+CV+SX-0.3SY	0.000084	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000379	DIS1.2CM+CV+SX-0.3SY	0.000507
85	1.2CM+1.6CV	0.000075	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000366	DIS1.2CM+CV+SX-0.3SY	0.000507
85	1.2CM+1.6CV	0.000075	DIS0.9CM-SY+0.3SX (Sp)	0.000352	DIS1.2CM+CV+SX-0.3SY	0.000507
85	DIS1.2CM+CV-SX-0.3SY	0.000064	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000394	DIS1.2CM+CV+SX-0.3SY	0.000507
85	DIS1.2CM+CV-SX+0.3SY	0.00005	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000438	DIS1.2CM+CV+SX-0.3SY	0.000507
85	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000482	DIS1.2CM+CV+SX-0.3SY	0.000507
85	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000096	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000526	DIS1.2CM+CV+SX-0.3SY	0.000507
86	DIS1.2CM+CV-SX-0.3SY (Sp)	0.00009	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00052	DIS1.2CM+CV+SX-0.3SY	0.
86	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000476	DIS1.2CM+CV+SX-0.3SY	0.
86	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000432	DIS1.2CM+CV+SX-0.3SY	0.
86	1.2CM+1.6CV	0.000064	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000388	DIS1.2CM+CV+SX-0.3SY	0.
86	1.2CM+1.6CV	0.000074	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000353	DIS1.2CM+CV+SX-0.3SY	0.
86	1.2CM+1.6CV	0.000074	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000349	DIS1.2CM+CV+SX-0.3SY	0.
86	1.2CM+1.6CV	0.000063	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000392	DIS1.2CM+CV+SX-0.3SY	0.
86	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000435	DIS1.2CM+CV+SX-0.3SY	0.
86	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000479	DIS1.2CM+CV+SX-0.3SY	0.
86	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000095	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000523	DIS1.2CM+CV+SX-0.3SY	0.
87	DIS1.2CM+CV-SX-0.3SY (Sp)	0.000094	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000528	DIS1.2CM+CV+SX-0.3SY	0.000507
87	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000481	DIS1.2CM+CV+SX-0.3SY	0.000507
87	DIS1.2CM+CV+SX-0.3SY	0.000061	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000433	DIS1.2CM+CV+SX-0.3SY	0.000507
87	1.2CM+1.6CV	0.000093	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000386	DIS1.2CM+CV+SX-0.3SY	0.000507
87	1.2CM+1.6CV	0.000105	DIS0.9CM-SY+0.3SX (Sp)	0.000347	DIS1.2CM+CV+SX-0.3SY	0.000507
87	1.2CM+1.6CV	0.000105	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000377	DIS1.2CM+CV+SX-0.3SY	0.000507
87	1.2CM+1.6CV	0.000079	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000417	DIS1.2CM+CV+SX-0.3SY	0.000507
87	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000457	DIS1.2CM+CV+SX-0.3SY	0.000507
87	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000051	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000497	DIS1.2CM+CV+SX-0.3SY	0.000507
87	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000101	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000538	DIS1.2CM+CV+SX-0.3SY	0.000507
88	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000094	DIS0.9CM-SY+0.3SX (Sp)	0.000245	DIS1.2CM+CV+SX-0.3SY	0.
88	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000047	DIS0.9CM-SY+0.3SX (Sp)	0.000216	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
88	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000047	DIS0.9CM-SY+0.3S X (Sp)	0.000188	DIS1.2CM+CV+SX-0 .3SY	0.
88	1.2CM+1.6CV	0.000064	DIS0.9CM-SY+0.3S X (Sp)	0.000159	DIS1.2CM+CV+SX-0 .3SY	0.
88	1.2CM+1.6CV	0.000076	DIS0.9CM-SY+0.3S X (Sp)	0.00013	DIS1.2CM+CV+SX-0 .3SY	0.
88	1.2CM+1.6CV	0.000064	DIS0.9CM-SY+0.3S X (Sp)	0.000159	DIS1.2CM+CV+SX-0 .3SY	0.
88	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000047	DIS0.9CM-SY+0.3S X (Sp)	0.000187	DIS1.2CM+CV+SX-0 .3SY	0.
88	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000047	DIS0.9CM-SY+0.3S X (Sp)	0.000216	DIS1.2CM+CV+SX-0 .3SY	0.
88	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000095	DIS0.9CM-SY+0.3S X (Sp)	0.000245	DIS1.2CM+CV+SX-0 .3SY	0.
89	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000537	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.00005	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000497	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.00005	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000457	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	1.2CM+1.6CV	0.000084	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000417	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	1.2CM+1.6CV	0.000112	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000376	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	1.2CM+1.6CV	0.000112	DIS0.9CM-SY+0.3S X (Sp)	0.000343	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	1.2CM+1.6CV	0.000097	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000389	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	DIS1.2CM+CV-SX+0 .3SY	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000436	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.00005	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000484	DIS1.2CM+CV+SX-0 .3SY	0.000507
89	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000099	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000532	DIS1.2CM+CV+SX-0 .3SY	0.000507
90	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000094	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000517	DIS1.2CM+CV+SX-0 .3SY	0.
90	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000047	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000473	DIS1.2CM+CV+SX-0 .3SY	0.
90	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000047	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00043	DIS1.2CM+CV+SX-0 .3SY	0.
90	1.2CM+1.6CV	0.000064	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000386	DIS1.2CM+CV+SX-0 .3SY	0.
90	1.2CM+1.6CV	0.000074	DIS0.9CM-SY+0.3S X (Sp)	0.000343	DIS1.2CM+CV+SX-0 .3SY	0.
90	1.2CM+1.6CV	0.000074	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000347	DIS1.2CM+CV+SX-0 .3SY	0.
90	1.2CM+1.6CV	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000381	DIS1.2CM+CV+SX-0 .3SY	0.
90	DIS1.2CM+CV-SX+0 .3SY	0.000048	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000425	DIS1.2CM+CV+SX-0 .3SY	0.
90	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000047	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000469	DIS1.2CM+CV+SX-0 .3SY	0.
90	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000089	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000513	DIS1.2CM+CV+SX-0 .3SY	0.
91	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000099	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000538	DIS1.2CM+CV+SX-0 .3SY	0.
91	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000049	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000494	DIS1.2CM+CV+SX-0 .3SY	0.
91	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000049	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00045	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
91	1.2CM+1.6CV	0.000062	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000407	DIS1.2CM+CV+SX-0 .3SY	0.
91	1.2CM+1.6CV	0.000074	DIS0.9CM-SY+0.3S X (Sp)	0.000363	DIS1.2CM+CV+SX-0 .3SY	0.
91	1.2CM+1.6CV	0.000074	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000378	DIS1.2CM+CV+SX-0 .3SY	0.
91	DIS1.2CM+CV-SX-0. 3SY	0.000082	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000386	DIS1.2CM+CV+SX-0 .3SY	0.
91	DIS1.2CM+CV-SX+0 .3SY	0.000078	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00043	DIS1.2CM+CV+SX-0 .3SY	0.
91	DIS0.9CM-SX+0.3S Y	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000474	DIS1.2CM+CV+SX-0 .3SY	0.
91	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000086	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000518	DIS1.2CM+CV+SX-0 .3SY	0.
35	DIS1.2CM+CV-SY+0 .3SX (Sp)	0.000097	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
35	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.00008	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
35	1.2CM+1.6CV	0.000136	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
35	1.2CM+1.6CV	0.000152	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
35	1.2CM+1.6CV (Sp)	0.000105	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
35	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.00008	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
35	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000161	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000077	DIS1.2CM+CV+SX-0 .3SY	0.
51	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000499	DIS1.2CM+CV+SX-0 .3SY	0.000302
51	1.2CM+1.6CV (Sp)	0.000129	DIS0.9CM-SY+0.3S X (Sp)	0.000453	DIS1.2CM+CV+SX-0 .3SY	0.000302
51	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000407	DIS1.2CM+CV+SX-0 .3SY	0.000302
51	1.2CM+1.6CV	0.000295	DIS0.9CM-SY+0.3S X (Sp)	0.000362	DIS1.2CM+CV+SX-0 .3SY	0.000302
51	1.2CM+1.6CV	0.000378	DIS0.9CM-SY+0.3S X (Sp)	0.000316	DIS1.2CM+CV+SX-0 .3SY	0.000302
51	1.2CM+1.6CV	0.000379	DIS0.9CM-SY+0.3S X (Sp)	0.000333	DIS1.2CM+CV+SX-0 .3SY	0.000319
51	1.2CM+1.6CV	0.000286	DIS0.9CM-SY+0.3S X (Sp)	0.000378	DIS1.2CM+CV+SX-0 .3SY	0.000319
51	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000424	DIS1.2CM+CV+SX-0 .3SY	0.000319
51	1.2CM+1.6CV (Sp)	0.000129	DIS0.9CM-SY+0.3S X (Sp)	0.00047	DIS1.2CM+CV+SX-0 .3SY	0.000319
51	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000516	DIS1.2CM+CV+SX-0 .3SY	0.000319
52	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000537	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	1.2CM+1.6CV (Sp)	0.000131	DIS0.9CM-SY+0.3S X (Sp)	0.000491	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000445	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	1.2CM+1.6CV	0.000303	DIS0.9CM-SY+0.3S X (Sp)	0.0004	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	1.2CM+1.6CV	0.000406	DIS0.9CM-SY+0.3S X (Sp)	0.000354	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	1.2CM+1.6CV	0.000406	DIS0.9CM-SY+0.3S X (Sp)	0.000355	DIS1.2CM+CV+SX-0 .3SY	0.000321

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
52	1.2CM+1.6CV	0.000302	DIS0.9CM-SY+0.3S X (Sp)	0.000401	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000447	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	1.2CM+1.6CV (Sp)	0.000131	DIS0.9CM-SY+0.3S X (Sp)	0.000493	DIS1.2CM+CV+SX-0 .3SY	0.000321
52	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000538	DIS1.2CM+CV+SX-0 .3SY	0.000321
59	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000545	DIS1.2CM+CV+SX-0 .3SY	0.00031
59	1.2CM+1.6CV (Sp)	0.000138	DIS0.9CM-SY+0.3S X (Sp)	0.000499	DIS1.2CM+CV+SX-0 .3SY	0.00031
59	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000454	DIS1.2CM+CV+SX-0 .3SY	0.00031
59	1.2CM+1.6CV	0.000303	DIS0.9CM-SY+0.3S X (Sp)	0.000408	DIS1.2CM+CV+SX-0 .3SY	0.00031
59	1.2CM+1.6CV	0.000407	DIS0.9CM-SY+0.3S X (Sp)	0.000362	DIS1.2CM+CV+SX-0 .3SY	0.00031
59	1.2CM+1.6CV	0.000407	DIS0.9CM-SY+0.3S X (Sp)	0.000366	DIS1.2CM+CV+SX-0 .3SY	0.000321
59	1.2CM+1.6CV	0.000301	DIS0.9CM-SY+0.3S X (Sp)	0.000412	DIS1.2CM+CV+SX-0 .3SY	0.000321
59	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000457	DIS1.2CM+CV+SX-0 .3SY	0.000321
59	1.2CM+1.6CV (Sp)	0.000138	DIS0.9CM-SY+0.3S X (Sp)	0.000503	DIS1.2CM+CV+SX-0 .3SY	0.000321
59	1.2CM+1.6CV (Sp)	0.000209	DIS0.9CM-SY+0.3S X (Sp)	0.000549	DIS1.2CM+CV+SX-0 .3SY	0.000321
60	1.2CM+1.6CV (Sp)	0.000238	DIS0.9CM-SY+0.3S X (Sp)	0.000609	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV (Sp)	0.000165	DIS0.9CM-SY+0.3S X (Sp)	0.000563	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV (Sp)	0.000224	DIS0.9CM-SY+0.3S X (Sp)	0.000517	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV	0.000403	DIS0.9CM-SY+0.3S X (Sp)	0.000471	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV	0.00055	DIS0.9CM-SY+0.3S X (Sp)	0.000425	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV	0.000554	DIS0.9CM-SY+0.3S X (Sp)	0.00043	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV	0.000403	DIS0.9CM-SY+0.3S X (Sp)	0.000476	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV (Sp)	0.000221	DIS0.9CM-SY+0.3S X (Sp)	0.000522	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV (Sp)	0.000165	DIS0.9CM-SY+0.3S X (Sp)	0.000568	DIS1.2CM+CV+SX-0 .3SY	0.
60	1.2CM+1.6CV (Sp)	0.000252	DIS0.9CM-SY+0.3S X (Sp)	0.000614	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV (Sp)	0.000252	DIS0.9CM-SY+0.3S X (Sp)	0.000613	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV (Sp)	0.000165	DIS0.9CM-SY+0.3S X (Sp)	0.000567	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV (Sp)	0.00022	DIS0.9CM-SY+0.3S X (Sp)	0.000522	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV	0.000402	DIS0.9CM-SY+0.3S X (Sp)	0.000476	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV	0.000553	DIS0.9CM-SY+0.3S X (Sp)	0.00043	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV	0.000549	DIS0.9CM-SY+0.3S X (Sp)	0.000423	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
63	1.2CM+1.6CV	0.000403	DIS0.9CM-SY+0.3S X (Sp)	0.000469	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV (Sp)	0.000225	DIS0.9CM-SY+0.3S X (Sp)	0.000515	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV (Sp)	0.000165	DIS0.9CM-SY+0.3S X (Sp)	0.00056	DIS1.2CM+CV+SX-0 .3SY	0.
63	1.2CM+1.6CV (Sp)	0.000235	DIS0.9CM-SY+0.3S X (Sp)	0.000606	DIS1.2CM+CV+SX-0 .3SY	0.
64	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000511	DIS1.2CM+CV+SX-0 .3SY	0.000314
64	1.2CM+1.6CV (Sp)	0.000129	DIS0.9CM-SY+0.3S X (Sp)	0.000465	DIS1.2CM+CV+SX-0 .3SY	0.000314
64	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000419	DIS1.2CM+CV+SX-0 .3SY	0.000314
64	1.2CM+1.6CV	0.000283	DIS0.9CM-SY+0.3S X (Sp)	0.000374	DIS1.2CM+CV+SX-0 .3SY	0.000314
64	1.2CM+1.6CV	0.000373	DIS0.9CM-SY+0.3S X (Sp)	0.000328	DIS1.2CM+CV+SX-0 .3SY	0.000314
64	1.2CM+1.6CV	0.000373	DIS0.9CM-SY+0.3S X (Sp)	0.000322	DIS1.2CM+CV+SX-0 .3SY	0.000321
64	1.2CM+1.6CV	0.000286	DIS0.9CM-SY+0.3S X (Sp)	0.000368	DIS1.2CM+CV+SX-0 .3SY	0.000321
64	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000414	DIS1.2CM+CV+SX-0 .3SY	0.000321
64	1.2CM+1.6CV (Sp)	0.000129	DIS0.9CM-SY+0.3S X (Sp)	0.00046	DIS1.2CM+CV+SX-0 .3SY	0.000321
64	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000506	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000513	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV (Sp)	0.000127	DIS0.9CM-SY+0.3S X (Sp)	0.000467	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000421	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV	0.000288	DIS0.9CM-SY+0.3S X (Sp)	0.000375	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV	0.000379	DIS0.9CM-SY+0.3S X (Sp)	0.00033	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV	0.000379	DIS0.9CM-SY+0.3S X (Sp)	0.000315	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV	0.000296	DIS0.9CM-SY+0.3S X (Sp)	0.000361	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000407	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV (Sp)	0.000127	DIS0.9CM-SY+0.3S X (Sp)	0.000452	DIS1.2CM+CV+SX-0 .3SY	0.000321
65	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000498	DIS1.2CM+CV+SX-0 .3SY	0.000321
66	DIS1.2CM+CV-SY-0. 3SX (Sp)	0.000119	DIS0.9CM-SY+0.3S X (Sp)	0.000414	DIS1.2CM+CV+SX-0 .3SY	0.
66	DIS1.2CM+CV+SY+ 0.3SX	0.000105	DIS0.9CM-SY+0.3S X (Sp)	0.000347	DIS1.2CM+CV+SX-0 .3SY	0.
66	1.2CM+1.6CV	0.000136	DIS0.9CM-SY+0.3S X (Sp)	0.000281	DIS1.2CM+CV+SX-0 .3SY	0.
66	1.2CM+1.6CV	0.000152	DIS0.9CM-SY+0.3S X (Sp)	0.00026	DIS1.2CM+CV+SX-0 .3SY	0.
66	1.2CM+1.6CV (Sp)	0.000105	DIS0.9CM-SY+0.3S X (Sp)	0.000327	DIS1.2CM+CV+SX-0 .3SY	0.
66	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000091	DIS0.9CM-SY+0.3S X (Sp)	0.000393	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
66	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000184	DIS0.9CM-SY+0.3SX (Sp)	0.00046	DIS1.2CM+CV+SX-0.3SY	0.
76	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000117	DIS0.9CM-SY+0.3SX (Sp)	0.000429	DIS1.2CM+CV+SX-0.3SY	0.
76	1.2CM+1.6CV (Sp)	0.000106	DIS0.9CM-SY+0.3SX (Sp)	0.000361	DIS1.2CM+CV+SX-0.3SY	0.
76	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000293	DIS1.2CM+CV+SX-0.3SY	0.
76	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000275	DIS1.2CM+CV+SX-0.3SY	0.
76	1.2CM+1.6CV (Sp)	0.000178	DIS0.9CM-SY+0.3SX (Sp)	0.000343	DIS1.2CM+CV+SX-0.3SY	0.
76	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000099	DIS0.9CM-SY+0.3SX (Sp)	0.000411	DIS1.2CM+CV+SX-0.3SY	0.
76	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000199	DIS0.9CM-SY+0.3SX (Sp)	0.00048	DIS1.2CM+CV+SX-0.3SY	0.
92	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000127	DIS0.9CM-SY+0.3SX (Sp)	0.00044	DIS1.2CM+CV+SX-0.3SY	0.
92	1.2CM+1.6CV (Sp)	0.000105	DIS0.9CM-SY+0.3SX (Sp)	0.000372	DIS1.2CM+CV+SX-0.3SY	0.
92	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000304	DIS1.2CM+CV+SX-0.3SY	0.
92	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000282	DIS1.2CM+CV+SX-0.3SY	0.
92	1.2CM+1.6CV (Sp)	0.000181	DIS0.9CM-SY+0.3SX (Sp)	0.00035	DIS1.2CM+CV+SX-0.3SY	0.
92	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000101	DIS0.9CM-SY+0.3SX (Sp)	0.000419	DIS1.2CM+CV+SX-0.3SY	0.
92	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000203	DIS0.9CM-SY+0.3SX (Sp)	0.000487	DIS1.2CM+CV+SX-0.3SY	0.
94	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000152	DIS0.9CM-SY+0.3SX (Sp)	0.00045	DIS1.2CM+CV+SX-0.3SY	0.
94	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000091	DIS0.9CM-SY+0.3SX (Sp)	0.000382	DIS1.2CM+CV+SX-0.3SY	0.
94	1.2CM+1.6CV	0.000192	DIS0.9CM-SY+0.3SX (Sp)	0.000313	DIS1.2CM+CV+SX-0.3SY	0.
94	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000269	DIS1.2CM+CV+SX-0.3SY	0.
94	1.2CM+1.6CV (Sp)	0.000176	DIS0.9CM-SY+0.3SX (Sp)	0.000337	DIS1.2CM+CV+SX-0.3SY	0.
94	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000091	DIS0.9CM-SY+0.3SX (Sp)	0.000405	DIS1.2CM+CV+SX-0.3SY	0.
94	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000184	DIS0.9CM-SY+0.3SX (Sp)	0.000474	DIS1.2CM+CV+SX-0.3SY	0.
96	DIS1.2CM+CV-SY-0.3SX (Sp)	0.00018	DIS0.9CM-SY+0.3SX (Sp)	0.000469	DIS1.2CM+CV+SX-0.3SY	0.
96	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000089	DIS0.9CM-SY+0.3SX (Sp)	0.000401	DIS1.2CM+CV+SX-0.3SY	0.
96	1.2CM+1.6CV (Sp)	0.000176	DIS0.9CM-SY+0.3SX (Sp)	0.000333	DIS1.2CM+CV+SX-0.3SY	0.
96	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000266	DIS1.2CM+CV+SX-0.3SY	0.
96	1.2CM+1.6CV (Sp)	0.000174	DIS0.9CM-SY+0.3SX (Sp)	0.000335	DIS1.2CM+CV+SX-0.3SY	0.
96	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000089	DIS0.9CM-SY+0.3SX (Sp)	0.000403	DIS1.2CM+CV+SX-0.3SY	0.
96	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000172	DIS0.9CM-SY+0.3SX (Sp)	0.000471	DIS1.2CM+CV+SX-0.3SY	0.
98	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000162	DIS0.9CM-SY+0.3SX (Sp)	0.000464	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
98	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000095	DIS0.9CM-SY+0.3S X (Sp)	0.000396	DIS1.2CM+CV+SX-0 .3SY	0.
98	1.2CM+1.6CV	0.000193	DIS0.9CM-SY+0.3S X (Sp)	0.000328	DIS1.2CM+CV+SX-0 .3SY	0.
98	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000281	DIS1.2CM+CV+SX-0 .3SY	0.
98	1.2CM+1.6CV (Sp)	0.000178	DIS0.9CM-SY+0.3S X (Sp)	0.000349	DIS1.2CM+CV+SX-0 .3SY	0.
98	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000095	DIS0.9CM-SY+0.3S X (Sp)	0.000418	DIS1.2CM+CV+SX-0 .3SY	0.
98	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000193	DIS0.9CM-SY+0.3S X (Sp)	0.000486	DIS1.2CM+CV+SX-0 .3SY	0.
100	DIS1.2CM+CV-SY-0. 3SX (Sp)	0.000126	DIS0.9CM-SY+0.3S X (Sp)	0.000442	DIS1.2CM+CV+SX-0 .3SY	0.
100	1.2CM+1.6CV (Sp)	0.000105	DIS0.9CM-SY+0.3S X (Sp)	0.000374	DIS1.2CM+CV+SX-0 .3SY	0.
100	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000306	DIS1.2CM+CV+SX-0 .3SY	0.
100	1.2CM+1.6CV	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000288	DIS1.2CM+CV+SX-0 .3SY	0.
100	1.2CM+1.6CV (Sp)	0.000177	DIS0.9CM-SY+0.3S X (Sp)	0.000356	DIS1.2CM+CV+SX-0 .3SY	0.
100	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000103	DIS0.9CM-SY+0.3S X (Sp)	0.000424	DIS1.2CM+CV+SX-0 .3SY	0.
100	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000493	DIS1.2CM+CV+SX-0 .3SY	0.
101	1.2CM+1.6CV (Sp)	0.000331	DIS0.9CM-SY+0.3S X (Sp)	0.000804	DIS1.2CM+CV+SX-0 .3SY	0.000321
101	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000758	DIS1.2CM+CV+SX-0 .3SY	0.000321
101	1.2CM+1.6CV (Sp)	0.00032	DIS0.9CM-SY+0.3S X (Sp)	0.000713	DIS1.2CM+CV+SX-0 .3SY	0.000321
101	1.2CM+1.6CV	0.000597	DIS0.9CM-SY+0.3S X (Sp)	0.000667	DIS1.2CM+CV+SX-0 .3SY	0.000321
101	1.2CM+1.6CV	0.000854	DIS0.9CM-SY+0.3S X (Sp)	0.000621	DIS1.2CM+CV+SX-0 .3SY	0.000321
101	1.2CM+1.6CV	0.000853	DIS0.9CM-SY+0.3S X (Sp)	0.000632	DIS1.2CM+CV+SX-0 .3SY	0.000312
101	1.2CM+1.6CV	0.000589	DIS0.9CM-SY+0.3S X (Sp)	0.000678	DIS1.2CM+CV+SX-0 .3SY	0.000312
101	1.2CM+1.6CV (Sp)	0.000307	DIS0.9CM-SY+0.3S X (Sp)	0.000724	DIS1.2CM+CV+SX-0 .3SY	0.000312
101	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00077	DIS1.2CM+CV+SX-0 .3SY	0.000312
101	1.2CM+1.6CV (Sp)	0.000357	DIS0.9CM-SY+0.3S X (Sp)	0.000815	DIS1.2CM+CV+SX-0 .3SY	0.000312
102	1.2CM+1.6CV (Sp)	0.000357	DIS0.9CM-SY+0.3S X (Sp)	0.000847	DIS1.2CM+CV+SX-0 .3SY	0.
102	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000801	DIS1.2CM+CV+SX-0 .3SY	0.
102	1.2CM+1.6CV (Sp)	0.000303	DIS0.9CM-SY+0.3S X (Sp)	0.000755	DIS1.2CM+CV+SX-0 .3SY	0.
102	1.2CM+1.6CV	0.000593	DIS0.9CM-SY+0.3S X (Sp)	0.00071	DIS1.2CM+CV+SX-0 .3SY	0.
102	1.2CM+1.6CV	0.000866	DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS1.2CM+CV+SX-0 .3SY	0.
102	1.2CM+1.6CV	0.000866	DIS0.9CM-SY+0.3S X (Sp)	0.000665	DIS1.2CM+CV+SX-0 .3SY	0.000316
102	1.2CM+1.6CV	0.000592	DIS0.9CM-SY+0.3S X (Sp)	0.00071	DIS1.2CM+CV+SX-0 .3SY	0.000316

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
102	1.2CM+1.6CV (Sp)	0.000302	DIS0.9CM-SY+0.3SX (Sp)	0.000756	DIS1.2CM+CV+SX-0.3SY	0.000316
102	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000802	DIS1.2CM+CV+SX-0.3SY	0.000316
102	1.2CM+1.6CV (Sp)	0.000358	DIS0.9CM-SY+0.3SX (Sp)	0.000848	DIS1.2CM+CV+SX-0.3SY	0.000316
103	1.2CM+1.6CV (Sp)	0.000356	DIS0.9CM-SY+0.3SX (Sp)	0.000845	DIS1.2CM+CV+SX-0.3SY	0.000314
103	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000799	DIS1.2CM+CV+SX-0.3SY	0.000314
103	1.2CM+1.6CV (Sp)	0.000301	DIS0.9CM-SY+0.3SX (Sp)	0.000753	DIS1.2CM+CV+SX-0.3SY	0.000314
103	1.2CM+1.6CV	0.00059	DIS0.9CM-SY+0.3SX (Sp)	0.000707	DIS1.2CM+CV+SX-0.3SY	0.000314
103	1.2CM+1.6CV	0.000861	DIS0.9CM-SY+0.3SX (Sp)	0.000661	DIS1.2CM+CV+SX-0.3SY	0.000314
103	1.2CM+1.6CV	0.000861	DIS0.9CM-SY+0.3SX (Sp)	0.000661	DIS1.2CM+CV+SX-0.3SY	0.
103	1.2CM+1.6CV	0.00059	DIS0.9CM-SY+0.3SX (Sp)	0.000706	DIS1.2CM+CV+SX-0.3SY	0.
103	1.2CM+1.6CV (Sp)	0.000302	DIS0.9CM-SY+0.3SX (Sp)	0.000752	DIS1.2CM+CV+SX-0.3SY	0.
103	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000798	DIS1.2CM+CV+SX-0.3SY	0.
103	1.2CM+1.6CV (Sp)	0.000356	DIS0.9CM-SY+0.3SX (Sp)	0.000844	DIS1.2CM+CV+SX-0.3SY	0.
104	1.2CM+1.6CV (Sp)	0.000333	DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS1.2CM+CV+SX-0.3SY	0.000312
104	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000737	DIS1.2CM+CV+SX-0.3SY	0.000312
104	1.2CM+1.6CV (Sp)	0.000294	DIS0.9CM-SY+0.3SX (Sp)	0.000691	DIS1.2CM+CV+SX-0.3SY	0.000312
104	1.2CM+1.6CV	0.000557	DIS0.9CM-SY+0.3SX (Sp)	0.000645	DIS1.2CM+CV+SX-0.3SY	0.000312
104	1.2CM+1.6CV	0.0008	DIS0.9CM-SY+0.3SX (Sp)	0.000599	DIS1.2CM+CV+SX-0.3SY	0.000312
104	1.2CM+1.6CV	0.0008	DIS0.9CM-SY+0.3SX (Sp)	0.000598	DIS1.2CM+CV+SX-0.3SY	0.000314
104	1.2CM+1.6CV	0.000558	DIS0.9CM-SY+0.3SX (Sp)	0.000644	DIS1.2CM+CV+SX-0.3SY	0.000314
104	1.2CM+1.6CV (Sp)	0.000295	DIS0.9CM-SY+0.3SX (Sp)	0.00069	DIS1.2CM+CV+SX-0.3SY	0.000314
104	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000736	DIS1.2CM+CV+SX-0.3SY	0.000314
104	1.2CM+1.6CV (Sp)	0.000332	DIS0.9CM-SY+0.3SX (Sp)	0.000781	DIS1.2CM+CV+SX-0.3SY	0.000314
117	1.2CM+1.6CV (Sp)	0.000339	DIS0.9CM-SY+0.3SX (Sp)	0.000791	DIS1.2CM+CV+SX-0.3SY	0.000321
117	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3SX (Sp)	0.000745	DIS1.2CM+CV+SX-0.3SY	0.000321
117	1.2CM+1.6CV (Sp)	0.000301	DIS0.9CM-SY+0.3SX (Sp)	0.0007	DIS1.2CM+CV+SX-0.3SY	0.000321
117	1.2CM+1.6CV	0.00057	DIS0.9CM-SY+0.3SX (Sp)	0.000654	DIS1.2CM+CV+SX-0.3SY	0.000321
117	1.2CM+1.6CV	0.000819	DIS0.9CM-SY+0.3SX (Sp)	0.000608	DIS1.2CM+CV+SX-0.3SY	0.000321
117	1.2CM+1.6CV	0.000819	DIS0.9CM-SY+0.3SX (Sp)	0.000608	DIS1.2CM+CV+SX-0.3SY	0.000321
117	1.2CM+1.6CV	0.000571	DIS0.9CM-SY+0.3SX (Sp)	0.000654	DIS1.2CM+CV+SX-0.3SY	0.000321

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
117	1.2CM+1.6CV (Sp)	0.000302	DIS0.9CM-SY+0.3S X (Sp)	0.000699	DIS1.2CM+CV+SX-0 .3SY	0.000321
117	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000745	DIS1.2CM+CV+SX-0 .3SY	0.000321
117	1.2CM+1.6CV (Sp)	0.000338	DIS0.9CM-SY+0.3S X (Sp)	0.000791	DIS1.2CM+CV+SX-0 .3SY	0.000321
118	1.2CM+1.6CV (Sp)	0.000347	DIS0.9CM-SY+0.3S X (Sp)	0.000807	DIS1.2CM+CV+SX-0 .3SY	0.000306
118	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000761	DIS1.2CM+CV+SX-0 .3SY	0.000306
118	1.2CM+1.6CV (Sp)	0.000309	DIS0.9CM-SY+0.3S X (Sp)	0.000715	DIS1.2CM+CV+SX-0 .3SY	0.000306
118	1.2CM+1.6CV	0.000587	DIS0.9CM-SY+0.3S X (Sp)	0.000669	DIS1.2CM+CV+SX-0 .3SY	0.000306
118	1.2CM+1.6CV	0.000845	DIS0.9CM-SY+0.3S X (Sp)	0.000624	DIS1.2CM+CV+SX-0 .3SY	0.000306
118	1.2CM+1.6CV	0.000845	DIS0.9CM-SY+0.3S X (Sp)	0.000624	DIS1.2CM+CV+SX-0 .3SY	0.00031
118	1.2CM+1.6CV	0.000587	DIS0.9CM-SY+0.3S X (Sp)	0.00067	DIS1.2CM+CV+SX-0 .3SY	0.00031
118	1.2CM+1.6CV (Sp)	0.000309	DIS0.9CM-SY+0.3S X (Sp)	0.000715	DIS1.2CM+CV+SX-0 .3SY	0.00031
118	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000761	DIS1.2CM+CV+SX-0 .3SY	0.00031
118	1.2CM+1.6CV (Sp)	0.000347	DIS0.9CM-SY+0.3S X (Sp)	0.000807	DIS1.2CM+CV+SX-0 .3SY	0.00031
135	1.2CM+1.6CV (Sp)	0.000357	DIS0.9CM-SY+0.3S X (Sp)	0.000815	DIS1.2CM+CV+SX-0 .3SY	0.000311
135	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000769	DIS1.2CM+CV+SX-0 .3SY	0.000311
135	1.2CM+1.6CV (Sp)	0.000309	DIS0.9CM-SY+0.3S X (Sp)	0.000724	DIS1.2CM+CV+SX-0 .3SY	0.000311
135	1.2CM+1.6CV	0.000591	DIS0.9CM-SY+0.3S X (Sp)	0.000678	DIS1.2CM+CV+SX-0 .3SY	0.000311
135	1.2CM+1.6CV	0.000855	DIS0.9CM-SY+0.3S X (Sp)	0.000632	DIS1.2CM+CV+SX-0 .3SY	0.000311
135	1.2CM+1.6CV	0.000856	DIS0.9CM-SY+0.3S X (Sp)	0.000622	DIS1.2CM+CV+SX-0 .3SY	0.000321
135	1.2CM+1.6CV	0.000598	DIS0.9CM-SY+0.3S X (Sp)	0.000668	DIS1.2CM+CV+SX-0 .3SY	0.000321
135	1.2CM+1.6CV (Sp)	0.00032	DIS0.9CM-SY+0.3S X (Sp)	0.000713	DIS1.2CM+CV+SX-0 .3SY	0.000321
135	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000759	DIS1.2CM+CV+SX-0 .3SY	0.000321
135	1.2CM+1.6CV (Sp)	0.000331	DIS0.9CM-SY+0.3S X (Sp)	0.000805	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000188	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000109	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	1.2CM+1.6CV (Sp)	0.000106	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000055	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	1.2CM+1.6CV (Sp)	0.000106	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000017	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000017	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	1.2CM+1.6CV	0.000277	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000017	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	1.2CM+1.6CV	0.000283	1.2CM+1.6CV	0.000012	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	1.2CM+1.6CV	0.000208	1.2CM+1.6CV	0.000012	DIS1.2CM+CV+SX-0 .3SY	0.000321

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
136	1.2CM+1.6CV (Sp)	0.000106	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00003	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	1.2CM+1.6CV (Sp)	0.000106	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000084	DIS1.2CM+CV+SX-0 .3SY	0.000321
136	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000138	DIS1.2CM+CV+SX-0 .3SY	0.000321
137	1.2CM+1.6CV (Sp)	0.000315	DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS1.2CM+CV+SX-0 .3SY	0.00031
137	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS1.2CM+CV+SX-0 .3SY	0.00031
137	1.2CM+1.6CV (Sp)	0.000274	DIS0.9CM-SY+0.3S X (Sp)	0.000682	DIS1.2CM+CV+SX-0 .3SY	0.00031
137	1.2CM+1.6CV	0.000529	DIS0.9CM-SY+0.3S X (Sp)	0.000637	DIS1.2CM+CV+SX-0 .3SY	0.00031
137	1.2CM+1.6CV	0.000761	DIS0.9CM-SY+0.3S X (Sp)	0.000591	DIS1.2CM+CV+SX-0 .3SY	0.00031
137	1.2CM+1.6CV	0.000754	DIS0.9CM-SY+0.3S X (Sp)	0.000589	DIS1.2CM+CV+SX-0 .3SY	0.
137	1.2CM+1.6CV	0.000525	DIS0.9CM-SY+0.3S X (Sp)	0.000635	DIS1.2CM+CV+SX-0 .3SY	0.
137	1.2CM+1.6CV (Sp)	0.000272	DIS0.9CM-SY+0.3S X (Sp)	0.000681	DIS1.2CM+CV+SX-0 .3SY	0.
137	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000726	DIS1.2CM+CV+SX-0 .3SY	0.
137	1.2CM+1.6CV (Sp)	0.000321	DIS0.9CM-SY+0.3S X (Sp)	0.000772	DIS1.2CM+CV+SX-0 .3SY	0.
138	1.2CM+1.6CV (Sp)	0.000259	DIS0.9CM-SY+0.3S X (Sp)	0.000635	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV (Sp)	0.00017	DIS0.9CM-SY+0.3S X (Sp)	0.000601	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000566	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV	0.000413	DIS0.9CM-SY+0.3S X (Sp)	0.000531	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV	0.000614	DIS0.9CM-SY+0.3S X (Sp)	0.000497	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV	0.000616	DIS0.9CM-SY+0.3S X (Sp)	0.000497	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV	0.000415	DIS0.9CM-SY+0.3S X (Sp)	0.000531	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000566	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV (Sp)	0.00017	DIS0.9CM-SY+0.3S X (Sp)	0.000601	DIS1.2CM+CV+SX-0 .3SY	0.000321
138	1.2CM+1.6CV (Sp)	0.000258	DIS0.9CM-SY+0.3S X (Sp)	0.000635	DIS1.2CM+CV+SX-0 .3SY	0.000321
139	1.2CM+1.6CV (Sp)	0.000276	DIS0.9CM-SY+0.3S X (Sp)	0.000678	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV (Sp)	0.000181	DIS0.9CM-SY+0.3S X (Sp)	0.000644	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV (Sp)	0.000216	DIS0.9CM-SY+0.3S X (Sp)	0.000609	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV	0.000446	DIS0.9CM-SY+0.3S X (Sp)	0.000574	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV	0.000668	DIS0.9CM-SY+0.3S X (Sp)	0.00054	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV	0.000674	DIS0.9CM-SY+0.3S X (Sp)	0.000542	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV	0.00045	DIS0.9CM-SY+0.3S X (Sp)	0.000577	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
139	1.2CM+1.6CV (Sp)	0.000218	DIS0.9CM-SY+0.3S X (Sp)	0.000612	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV (Sp)	0.000181	DIS0.9CM-SY+0.3S X (Sp)	0.000646	DIS1.2CM+CV+SX-0 .3SY	0.
139	1.2CM+1.6CV (Sp)	0.000274	DIS0.9CM-SY+0.3S X (Sp)	0.000681	DIS1.2CM+CV+SX-0 .3SY	0.
140	DIS1.2CM+CV-SX-0. 3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000234	DIS1.2CM+CV+SX-0 .3SY	0.00032
140	1.2CM+1.6CV (Sp)	0.000127	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00018	DIS1.2CM+CV+SX-0 .3SY	0.00032
140	1.2CM+1.6CV (Sp)	0.000145	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000126	DIS1.2CM+CV+SX-0 .3SY	0.00032
140	1.2CM+1.6CV	0.000259	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000072	DIS1.2CM+CV+SX-0 .3SY	0.00032
140	1.2CM+1.6CV	0.000394	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000018	DIS1.2CM+CV+SX-0 .3SY	0.00032
140	1.2CM+1.6CV	0.000394	DIS1.2CM+CV+SX-0 .3SY (Sp)	9.191E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
140	1.2CM+1.6CV	0.00026	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000063	DIS1.2CM+CV+SX-0 .3SY	0.000321
140	1.2CM+1.6CV (Sp)	0.000147	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000117	DIS1.2CM+CV+SX-0 .3SY	0.000321
140	1.2CM+1.6CV (Sp)	0.000127	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000171	DIS1.2CM+CV+SX-0 .3SY	0.000321
140	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000225	DIS1.2CM+CV+SX-0 .3SY	0.000321
141	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000204	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000123	DIS1.2CM+CV+SX-0 .3SY	0.000321
141	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000069	DIS1.2CM+CV+SX-0 .3SY	0.000321
141	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000015	DIS1.2CM+CV+SX-0 .3SY	0.000321
141	1.2CM+1.6CV	0.000208	DIS1.2CM+CV-SX+0 .3SY (Sp)	8.935E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
141	1.2CM+1.6CV	0.000279	DIS1.2CM+CV-SX+0 .3SY (Sp)	8.935E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
141	1.2CM+1.6CV	0.000277	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000316
141	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000316
141	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000011	DIS1.2CM+CV+SX-0 .3SY	0.000316
141	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000065	DIS1.2CM+CV+SX-0 .3SY	0.000316
141	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.0002	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000119	DIS1.2CM+CV+SX-0 .3SY	0.000316
142	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000207	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000128	DIS1.2CM+CV+SX-0 .3SY	0.000321
142	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000102	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000074	DIS1.2CM+CV+SX-0 .3SY	0.000321
142	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.000102	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0 .3SY	0.000321
142	1.2CM+1.6CV	0.000208	DIS1.2CM+CV-SY-0. 3SX (Sp)	2.621E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
142	1.2CM+1.6CV	0.000282	DIS1.2CM+CV-SY-0. 3SX (Sp)	2.621E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
142	1.2CM+1.6CV	0.000277	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0 .3SY	0.000321
142	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0 .3SY	0.000321

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
142	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102	DIS1.2CM+CV+SX+0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0.3SY	0.000321
142	DIS1.2CM+CV-SX+0.3SY (Sp)	0.000102	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000055	DIS1.2CM+CV+SX-0.3SY	0.000321
142	DIS1.2CM+CV+SX+0.3SY (Sp)	0.00019	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000109	DIS1.2CM+CV+SX-0.3SY	0.000321
143	1.2CM+1.6CV (Sp)	0.000051	DIS0.9CM-SY+0.3SX (Sp)	0.000297	DIS1.2CM+CV+SX-0.3SY	0.
143	1.2CM+1.6CV (Sp)	0.000113	DIS0.9CM-SY+0.3SX (Sp)	0.000251	DIS1.2CM+CV+SX-0.3SY	0.
143	1.2CM+1.6CV	0.000151	DIS0.9CM-SY+0.3SX (Sp)	0.000205	DIS1.2CM+CV+SX-0.3SY	0.
143	1.2CM+1.6CV	0.000164	DIS0.9CM-SY+0.3SX (Sp)	0.000206	DIS1.2CM+CV+SX-0.3SY	0.
143	1.2CM+1.6CV (Sp)	0.000125	DIS0.9CM-SY+0.3SX (Sp)	0.000253	DIS1.2CM+CV+SX-0.3SY	0.
143	1.2CM+1.6CV (Sp)	0.000085	DIS0.9CM-SY+0.3SX (Sp)	0.000299	DIS1.2CM+CV+SX-0.3SY	0.
143	1.2CM+1.6CV (Sp)	0.000129	DIS0.9CM-SY+0.3SX (Sp)	0.000345	DIS1.2CM+CV+SX-0.3SY	0.
145	1.2CM+1.6CV (Sp)	0.000061	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00025	DIS1.2CM+CV+SX-0.3SY	0.
145	1.2CM+1.6CV (Sp)	0.000123	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000106	DIS1.2CM+CV+SX-0.3SY	0.
145	1.2CM+1.6CV	0.000173	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
145	1.2CM+1.6CV	0.000191	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
145	1.2CM+1.6CV (Sp)	0.000146	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000081	DIS1.2CM+CV+SX-0.3SY	0.
145	1.2CM+1.6CV (Sp)	0.000089	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000225	DIS1.2CM+CV+SX-0.3SY	0.
145	1.2CM+1.6CV (Sp)	0.000135	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000369	DIS1.2CM+CV+SX-0.3SY	0.
147	1.2CM+1.6CV (Sp)	0.000067	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000256	DIS1.2CM+CV+SX-0.3SY	0.
147	1.2CM+1.6CV (Sp)	0.000119	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000112	DIS1.2CM+CV+SX-0.3SY	0.
147	1.2CM+1.6CV	0.000171	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
147	1.2CM+1.6CV	0.00019	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
147	1.2CM+1.6CV (Sp)	0.000146	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000078	DIS1.2CM+CV+SX-0.3SY	0.
147	1.2CM+1.6CV (Sp)	0.000087	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000222	DIS1.2CM+CV+SX-0.3SY	0.
147	1.2CM+1.6CV (Sp)	0.000133	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000366	DIS1.2CM+CV+SX-0.3SY	0.
150	1.2CM+1.6CV (Sp)	0.00011	DIS0.9CM-SY+0.3SX (Sp)	0.000335	DIS1.2CM+CV+SX-0.3SY	0.
150	1.2CM+1.6CV (Sp)	0.000078	DIS0.9CM-SY+0.3SX (Sp)	0.000289	DIS1.2CM+CV+SX-0.3SY	0.
150	1.2CM+1.6CV (Sp)	0.000128	DIS0.9CM-SY+0.3SX (Sp)	0.000243	DIS1.2CM+CV+SX-0.3SY	0.
150	1.2CM+1.6CV	0.000149	DIS0.9CM-SY+0.3SX (Sp)	0.000216	DIS1.2CM+CV+SX-0.3SY	0.
150	1.2CM+1.6CV (Sp)	0.000125	DIS0.9CM-SY+0.3SX (Sp)	0.000262	DIS1.2CM+CV+SX-0.3SY	0.
150	1.2CM+1.6CV (Sp)	0.000078	DIS0.9CM-SY+0.3SX (Sp)	0.000309	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
150	1.2CM+1.6CV (Sp)	0.000125	DIS0.9CM-SY+0.3S X (Sp)	0.000355	DIS1.2CM+CV+SX-0 .3SY	0.
152	1.2CM+1.6CV (Sp)	0.000109	DIS0.9CM-SY+0.3S X (Sp)	0.000338	DIS1.2CM+CV+SX-0 .3SY	0.
152	1.2CM+1.6CV (Sp)	0.00008	DIS0.9CM-SY+0.3S X (Sp)	0.000291	DIS1.2CM+CV+SX-0 .3SY	0.
152	1.2CM+1.6CV (Sp)	0.000128	DIS0.9CM-SY+0.3S X (Sp)	0.000245	DIS1.2CM+CV+SX-0 .3SY	0.
152	1.2CM+1.6CV	0.000149	DIS0.9CM-SY+0.3S X (Sp)	0.000219	DIS1.2CM+CV+SX-0 .3SY	0.
152	1.2CM+1.6CV (Sp)	0.000125	DIS0.9CM-SY+0.3S X (Sp)	0.000266	DIS1.2CM+CV+SX-0 .3SY	0.
152	1.2CM+1.6CV (Sp)	0.00008	DIS0.9CM-SY+0.3S X (Sp)	0.000312	DIS1.2CM+CV+SX-0 .3SY	0.
152	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000125	DIS0.9CM-SY+0.3S X (Sp)	0.000358	DIS1.2CM+CV+SX-0 .3SY	0.
155	1.2CM+1.6CV (Sp)	0.000056	DIS0.9CM-SY+0.3S X (Sp)	0.0003	DIS1.2CM+CV+SX-0 .3SY	0.
155	1.2CM+1.6CV (Sp)	0.000109	DIS0.9CM-SY+0.3S X (Sp)	0.000254	DIS1.2CM+CV+SX-0 .3SY	0.
155	1.2CM+1.6CV	0.000149	DIS0.9CM-SY+0.3S X (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY	0.
155	1.2CM+1.6CV	0.000163	DIS0.9CM-SY+0.3S X (Sp)	0.000205	DIS1.2CM+CV+SX-0 .3SY	0.
155	1.2CM+1.6CV (Sp)	0.000125	DIS0.9CM-SY+0.3S X (Sp)	0.000251	DIS1.2CM+CV+SX-0 .3SY	0.
155	1.2CM+1.6CV (Sp)	0.000083	DIS0.9CM-SY+0.3S X (Sp)	0.000297	DIS1.2CM+CV+SX-0 .3SY	0.
155	1.2CM+1.6CV (Sp)	0.000127	DIS0.9CM-SY+0.3S X (Sp)	0.000344	DIS1.2CM+CV+SX-0 .3SY	0.
157	1.2CM+1.6CV (Sp)	0.000051	DIS0.9CM-SY+0.3S X (Sp)	0.000298	DIS1.2CM+CV+SX-0 .3SY	0.
157	1.2CM+1.6CV (Sp)	0.000113	DIS0.9CM-SY+0.3S X (Sp)	0.000252	DIS1.2CM+CV+SX-0 .3SY	0.
157	1.2CM+1.6CV	0.00015	DIS0.9CM-SY+0.3S X (Sp)	0.000205	DIS1.2CM+CV+SX-0 .3SY	0.
157	1.2CM+1.6CV	0.000164	DIS0.9CM-SY+0.3S X (Sp)	0.000207	DIS1.2CM+CV+SX-0 .3SY	0.
157	1.2CM+1.6CV (Sp)	0.000125	DIS0.9CM-SY+0.3S X (Sp)	0.000254	DIS1.2CM+CV+SX-0 .3SY	0.
157	1.2CM+1.6CV (Sp)	0.000085	DIS0.9CM-SY+0.3S X (Sp)	0.0003	DIS1.2CM+CV+SX-0 .3SY	0.
157	1.2CM+1.6CV (Sp)	0.000129	DIS0.9CM-SY+0.3S X (Sp)	0.000346	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS1.2CM+CV+SY-0 .3SX	0.000161	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS1.2CM+CV+SY-0 .3SX	0.000116	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS1.2CM+CV+SY-0 .3SX	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000049	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000049	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000049	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS0.9CM-SY+0.3S X	0.000056	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
197	DIS0.9CM-SY+0.3S X	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
197	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000098	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001439	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS1.2CM+CV+SY-0 .3SX	0.000186	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS1.2CM+CV+SY-0 .3SX	0.000137	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS1.2CM+CV+SY-0 .3SX	0.000088	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.00005	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.00005	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.00005	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS0.9CM-SY+0.3S X	0.000059	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS0.9CM-SY+0.3S X	0.000076	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
198	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001553	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS1.2CM+CV+SY-0 .3SX	0.000149	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS1.2CM+CV+SY-0 .3SX	0.000103	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS1.2CM+CV+SY-0 .3SX	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS0.9CM-SY+0.3S X	0.000059	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS0.9CM-SY+0.3S X	0.000078	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
199	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000105	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001401	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS1.2CM+CV+SY-0 .3SX	0.000157	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS1.2CM+CV+SY-0 .3SX	0.00011	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS1.2CM+CV+SY-0 .3SX	0.000063	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000054	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000054	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000054	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS0.9CM-SY+0.3S X	0.000064	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS0.9CM-SY+0.3S X	0.000083	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
200	DIS1.2CM+CV+SY-0 .3SX (Sp)	0.000108	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001454	DIS1.2CM+CV+SX-0 .3SY	0.
201	DIS1.2CM+CV+SY+ 0.3SX	0.000204	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0 .3SY	0.
201	DIS1.2CM+CV+SY+ 0.3SX	0.00015	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
201	DIS1.2CM+CV+SY+0.3SX	0.000097	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0.3SY	0.
201	1.2CM+1.6CV	0.000055	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0.3SY	0.
201	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000054	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0.3SY	0.
201	DIS1.2CM+CV-SY-0.3SX	0.000058	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0.3SY	0.
201	DIS0.9CM-SY-0.3SX	0.000072	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0.3SY	0.
201	DIS0.9CM-SY-0.3SX	0.000092	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0.3SY	0.
201	DIS0.9CM-SY-0.3SX	0.000111	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001682	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS1.2CM+CV+SY-0.3SX	0.00024	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS1.2CM+CV+SY+0.3SX	0.000182	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS1.2CM+CV+SY+0.3SX	0.000124	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	1.2CM+1.6CV	0.000084	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS1.2CM+CV-SY-0.3SX	0.000068	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS1.2CM+CV-SY-0.3SX	0.000075	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS1.2CM+CV-SY-0.3SX	0.000081	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS0.9CM-SY-0.3SX	0.000099	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
203	DIS0.9CM-SY-0.3SX	0.000119	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS1.2CM+CV+SY+0.3SX	0.00024	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS1.2CM+CV+SY+0.3SX	0.000181	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS1.2CM+CV+SY+0.3SX	0.000121	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	1.2CM+1.6CV	0.00008	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS1.2CM+CV-SY-0.3SX	0.000067	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS1.2CM+CV-SY-0.3SX	0.000075	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS1.2CM+CV-SY-0.3SX	0.000084	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS0.9CM-SY-0.3SX	0.000105	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
204	DIS0.9CM-SY-0.3SX	0.000127	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001878	DIS1.2CM+CV+SX-0.3SY	0.
205	DIS1.2CM+CV+SY+0.3SX	0.000193	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0.3SY	0.
205	DIS1.2CM+CV+SY+0.3SX	0.000138	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0.3SY	0.
205	DIS1.2CM+CV+SY+0.3SX	0.000083	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0.3SY	0.
205	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0.3SY	0.
205	DIS1.2CM+CV+SY+0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0.3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
205	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0 .3SY	0.
205	DIS0.9CM-SY-0.3SX	0.000083	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0 .3SY	0.
205	DIS0.9CM-SY-0.3SX	0.000108	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0 .3SY	0.
205	DIS0.9CM-SY-0.3SX	0.000133	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001675	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV (Sp)	0.000188	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000165	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000043	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV (Sp)	0.000159	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV	0.000219	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV (Sp)	0.000145	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV (Sp)	0.000101	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000056	DIS1.2CM+CV+SX-0 .3SY	0.
206	1.2CM+1.6CV (Sp)	0.000203	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000179	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV (Sp)	0.000189	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000171	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV (Sp)	0.000113	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000048	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV (Sp)	0.000153	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV (Sp)	0.000122	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV (Sp)	0.000113	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000082	DIS1.2CM+CV+SX-0 .3SY	0.
207	1.2CM+1.6CV (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000205	DIS1.2CM+CV+SX-0 .3SY	0.
209	DIS1.2CM+CV-SY-0. 3SX (Sp)	0.000199	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00017	DIS1.2CM+CV+SX-0 .3SY	0.
209	1.2CM+1.6CV (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000047	DIS1.2CM+CV+SX-0 .3SY	0.
209	1.2CM+1.6CV (Sp)	0.000159	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
209	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
209	1.2CM+1.6CV	0.000219	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
209	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
209	1.2CM+1.6CV (Sp)	0.000145	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
209	1.2CM+1.6CV (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000061	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
209	1.2CM+1.6CV (Sp)	0.000203	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000184	DIS1.2CM+CV+SX-0 .3SY	0.
210	1.2CM+1.6CV (Sp)	0.000189	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000177	DIS1.2CM+CV+SX-0 .3SY	0.
210	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000118	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000054	DIS1.2CM+CV+SX-0 .3SY	0.
210	1.2CM+1.6CV (Sp)	0.000153	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
210	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
210	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
210	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
210	1.2CM+1.6CV (Sp)	0.000122	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
210	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000118	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000088	DIS1.2CM+CV+SX-0 .3SY	0.
210	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000211	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000447	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV (Sp)	0.000119	DIS0.9CM-SY+0.3S X (Sp)	0.000395	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000343	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV	0.000288	DIS0.9CM-SY+0.3S X (Sp)	0.000291	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV	0.000316	DIS0.9CM-SY+0.3S X (Sp)	0.000247	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV	0.000284	DIS0.9CM-SY+0.3S X (Sp)	0.000299	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000351	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV (Sp)	0.000119	DIS0.9CM-SY+0.3S X (Sp)	0.000403	DIS1.2CM+CV+SX-0 .3SY	0.
211	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000455	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000457	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV (Sp)	0.000136	DIS0.9CM-SY+0.3S X (Sp)	0.000405	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000353	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV	0.000278	DIS0.9CM-SY+0.3S X (Sp)	0.000301	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV	0.000299	DIS0.9CM-SY+0.3S X (Sp)	0.000281	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV	0.00026	DIS0.9CM-SY+0.3S X (Sp)	0.000333	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000385	DIS1.2CM+CV+SX-0 .3SY	0.
212	1.2CM+1.6CV (Sp)	0.000136	DIS0.9CM-SY+0.3S X (Sp)	0.000437	DIS1.2CM+CV+SX-0 .3SY	0.
212	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000489	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000451	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV (Sp)	0.000121	DIS0.9CM-SY+0.3S X (Sp)	0.000399	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
213	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000347	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV	0.000286	DIS0.9CM-SY+0.3S X (Sp)	0.000294	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV	0.000315	DIS0.9CM-SY+0.3S X (Sp)	0.00025	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV	0.000282	DIS0.9CM-SY+0.3S X (Sp)	0.000302	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000354	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV (Sp)	0.000121	DIS0.9CM-SY+0.3S X (Sp)	0.000406	DIS1.2CM+CV+SX-0 .3SY	0.
213	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000458	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000454	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV (Sp)	0.000131	DIS0.9CM-SY+0.3S X (Sp)	0.000402	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00035	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV	0.00028	DIS0.9CM-SY+0.3S X (Sp)	0.000298	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV	0.000303	DIS0.9CM-SY+0.3S X (Sp)	0.000273	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV	0.000265	DIS0.9CM-SY+0.3S X (Sp)	0.000325	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000377	DIS1.2CM+CV+SX-0 .3SY	0.
215	1.2CM+1.6CV (Sp)	0.000131	DIS0.9CM-SY+0.3S X (Sp)	0.000429	DIS1.2CM+CV+SX-0 .3SY	0.
215	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000481	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00045	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV (Sp)	0.000122	DIS0.9CM-SY+0.3S X (Sp)	0.000398	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000346	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV	0.000289	DIS0.9CM-SY+0.3S X (Sp)	0.000294	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV	0.000316	DIS0.9CM-SY+0.3S X (Sp)	0.000252	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV	0.000283	DIS0.9CM-SY+0.3S X (Sp)	0.000304	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000356	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV (Sp)	0.000122	DIS0.9CM-SY+0.3S X (Sp)	0.000408	DIS1.2CM+CV+SX-0 .3SY	0.
216	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00046	DIS1.2CM+CV+SX-0 .3SY	0.
217	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000456	DIS1.2CM+CV+SX-0 .3SY	0.
217	1.2CM+1.6CV (Sp)	0.000133	DIS0.9CM-SY+0.3S X (Sp)	0.000404	DIS1.2CM+CV+SX-0 .3SY	0.
217	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000352	DIS1.2CM+CV+SX-0 .3SY	0.
217	1.2CM+1.6CV	0.00028	DIS0.9CM-SY+0.3S X (Sp)	0.0003	DIS1.2CM+CV+SX-0 .3SY	0.
217	1.2CM+1.6CV	0.000303	DIS0.9CM-SY+0.3S X (Sp)	0.000275	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
217	1.2CM+1.6CV	0.000265	DIS0.9CM-SY+0.3S X (Sp)	0.000327	DIS1.2CM+CV+SX-0 .3SY	0.
217	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000379	DIS1.2CM+CV+SX-0 .3SY	0.
217	1.2CM+1.6CV (Sp)	0.000133	DIS0.9CM-SY+0.3S X (Sp)	0.000431	DIS1.2CM+CV+SX-0 .3SY	0.
217	DIS1.2CM+CV+SX+ 0.3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000483	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000447	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV (Sp)	0.000118	DIS0.9CM-SY+0.3S X (Sp)	0.000395	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000343	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV	0.000289	DIS0.9CM-SY+0.3S X (Sp)	0.000291	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV	0.000317	DIS0.9CM-SY+0.3S X (Sp)	0.000248	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV	0.000284	DIS0.9CM-SY+0.3S X (Sp)	0.0003	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000352	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV (Sp)	0.000118	DIS0.9CM-SY+0.3S X (Sp)	0.000404	DIS1.2CM+CV+SX-0 .3SY	0.
218	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000456	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000461	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV (Sp)	0.00014	DIS0.9CM-SY+0.3S X (Sp)	0.000409	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000357	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV	0.000278	DIS0.9CM-SY+0.3S X (Sp)	0.000305	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV	0.000298	DIS0.9CM-SY+0.3S X (Sp)	0.000287	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV	0.000259	DIS0.9CM-SY+0.3S X (Sp)	0.000339	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000391	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV (Sp)	0.00014	DIS0.9CM-SY+0.3S X (Sp)	0.000443	DIS1.2CM+CV+SX-0 .3SY	0.
219	1.2CM+1.6CV (Sp)	0.000213	DIS0.9CM-SY+0.3S X (Sp)	0.000495	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000444	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV (Sp)	0.000115	DIS0.9CM-SY+0.3S X (Sp)	0.000392	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00034	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV	0.000288	DIS0.9CM-SY+0.3S X (Sp)	0.000288	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV	0.000317	DIS0.9CM-SY+0.3S X (Sp)	0.000242	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV	0.000285	DIS0.9CM-SY+0.3S X (Sp)	0.000294	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000346	DIS1.2CM+CV+SX-0 .3SY	0.
221	1.2CM+1.6CV (Sp)	0.000115	DIS0.9CM-SY+0.3S X (Sp)	0.000398	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
221	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00045	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00046	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV (Sp)	0.000139	DIS0.9CM-SY+0.3S X (Sp)	0.000408	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000356	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV	0.000277	DIS0.9CM-SY+0.3S X (Sp)	0.000304	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV	0.000297	DIS0.9CM-SY+0.3S X (Sp)	0.000286	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV	0.000257	DIS0.9CM-SY+0.3S X (Sp)	0.000338	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000391	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV (Sp)	0.000139	DIS0.9CM-SY+0.3S X (Sp)	0.000443	DIS1.2CM+CV+SX-0 .3SY	0.
222	1.2CM+1.6CV (Sp)	0.000212	DIS0.9CM-SY+0.3S X (Sp)	0.000495	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000444	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV (Sp)	0.000116	DIS0.9CM-SY+0.3S X (Sp)	0.000392	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.00034	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV	0.000289	DIS0.9CM-SY+0.3S X (Sp)	0.000288	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV	0.000317	DIS0.9CM-SY+0.3S X (Sp)	0.000244	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV	0.000285	DIS0.9CM-SY+0.3S X (Sp)	0.000296	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000348	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV (Sp)	0.000116	DIS0.9CM-SY+0.3S X (Sp)	0.0004	DIS1.2CM+CV+SX-0 .3SY	0.
223	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000452	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000457	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV (Sp)	0.000135	DIS0.9CM-SY+0.3S X (Sp)	0.000405	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000353	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV	0.000277	DIS0.9CM-SY+0.3S X (Sp)	0.000301	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV	0.000298	DIS0.9CM-SY+0.3S X (Sp)	0.00028	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV	0.00026	DIS0.9CM-SY+0.3S X (Sp)	0.000332	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000384	DIS1.2CM+CV+SX-0 .3SY	0.
224	1.2CM+1.6CV (Sp)	0.000135	DIS0.9CM-SY+0.3S X (Sp)	0.000436	DIS1.2CM+CV+SX-0 .3SY	0.
224	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000488	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV (Sp)	0.000158	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000379	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV (Sp)	0.000103	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000254	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
225	1.2CM+1.6CV	0.000212	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00013	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV	0.000303	DIS1.2CM+CV+SX-0 .3SY (Sp)	4.870E-06	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV	0.000333	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV	0.000302	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV	0.00021	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000118	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV (Sp)	0.000103	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000242	DIS1.2CM+CV+SX-0 .3SY	0.
225	1.2CM+1.6CV (Sp)	0.000141	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000367	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000109	DIS1.2CM+CV+SX-0 .3SY (Sp)	1.134E-06	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000057	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000057	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000067	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000075	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000057	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000057	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000057	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
227	1.2CM+1.6CV (Sp)	0.000114	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000013	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV (Sp)	0.000153	DIS0.9CM-SY+0.3S X (Sp)	0.000404	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV (Sp)	0.000118	DIS0.9CM-SY+0.3S X (Sp)	0.000356	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV (Sp)	0.000205	DIS0.9CM-SY+0.3S X (Sp)	0.000308	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV	0.000294	DIS0.9CM-SY+0.3S X (Sp)	0.00026	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV	0.000322	DIS0.9CM-SY+0.3S X (Sp)	0.00022	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV	0.000289	DIS0.9CM-SY+0.3S X (Sp)	0.000268	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV (Sp)	0.000196	DIS0.9CM-SY+0.3S X (Sp)	0.000316	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV (Sp)	0.000118	DIS0.9CM-SY+0.3S X (Sp)	0.000364	DIS1.2CM+CV+SX-0 .3SY	0.
228	1.2CM+1.6CV (Sp)	0.000182	DIS0.9CM-SY+0.3S X (Sp)	0.000413	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV (Sp)	0.000177	DIS0.9CM-SY+0.3S X (Sp)	0.000406	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV (Sp)	0.000116	DIS0.9CM-SY+0.3S X (Sp)	0.000358	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV (Sp)	0.000192	DIS0.9CM-SY+0.3S X (Sp)	0.00031	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV	0.000278	DIS0.9CM-SY+0.3S X (Sp)	0.000262	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV	0.000305	DIS0.9CM-SY+0.3S X (Sp)	0.000227	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
229	1.2CM+1.6CV	0.000271	DIS0.9CM-SY+0.3S X (Sp)	0.000275	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV (Sp)	0.000177	DIS0.9CM-SY+0.3S X (Sp)	0.000323	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV (Sp)	0.000116	DIS0.9CM-SY+0.3S X (Sp)	0.000371	DIS1.2CM+CV+SX-0 .3SY	0.
229	1.2CM+1.6CV (Sp)	0.000172	DIS0.9CM-SY+0.3S X (Sp)	0.00042	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV (Sp)	0.000151	DIS0.9CM-SY+0.3S X (Sp)	0.000404	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV (Sp)	0.000119	DIS0.9CM-SY+0.3S X (Sp)	0.000356	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV (Sp)	0.000206	DIS0.9CM-SY+0.3S X (Sp)	0.000308	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV	0.000294	DIS0.9CM-SY+0.3S X (Sp)	0.000259	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV	0.000322	DIS0.9CM-SY+0.3S X (Sp)	0.000221	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV	0.000288	DIS0.9CM-SY+0.3S X (Sp)	0.000269	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV (Sp)	0.000195	DIS0.9CM-SY+0.3S X (Sp)	0.000317	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV (Sp)	0.000119	DIS0.9CM-SY+0.3S X (Sp)	0.000365	DIS1.2CM+CV+SX-0 .3SY	0.
230	1.2CM+1.6CV (Sp)	0.000183	DIS0.9CM-SY+0.3S X (Sp)	0.000414	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV (Sp)	0.000177	DIS0.9CM-SY+0.3S X (Sp)	0.000408	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV (Sp)	0.000116	DIS0.9CM-SY+0.3S X (Sp)	0.000359	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV (Sp)	0.000194	DIS0.9CM-SY+0.3S X (Sp)	0.000311	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV	0.000283	DIS0.9CM-SY+0.3S X (Sp)	0.000263	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV	0.000313	DIS0.9CM-SY+0.3S X (Sp)	0.000219	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV	0.000281	DIS0.9CM-SY+0.3S X (Sp)	0.000267	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV (Sp)	0.00019	DIS0.9CM-SY+0.3S X (Sp)	0.000315	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV (Sp)	0.000116	DIS0.9CM-SY+0.3S X (Sp)	0.000364	DIS1.2CM+CV+SX-0 .3SY	0.
231	1.2CM+1.6CV (Sp)	0.000164	DIS0.9CM-SY+0.3S X (Sp)	0.000412	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV (Sp)	0.000147	DIS0.9CM-SY+0.3S X (Sp)	0.000398	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV (Sp)	0.000117	DIS0.9CM-SY+0.3S X (Sp)	0.00035	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV (Sp)	0.000213	DIS0.9CM-SY+0.3S X (Sp)	0.000302	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV	0.000301	DIS0.9CM-SY+0.3S X (Sp)	0.000254	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV	0.000328	DIS0.9CM-SY+0.3S X (Sp)	0.000218	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV	0.000293	DIS0.9CM-SY+0.3S X (Sp)	0.000266	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV (Sp)	0.000199	DIS0.9CM-SY+0.3S X (Sp)	0.000315	DIS1.2CM+CV+SX-0 .3SY	0.
233	1.2CM+1.6CV (Sp)	0.000117	DIS0.9CM-SY+0.3S X (Sp)	0.000363	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
233	1.2CM+1.6CV (Sp)	0.00018	DIS0.9CM-SY+0.3S X (Sp)	0.000411	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV (Sp)	0.000172	DIS0.9CM-SY+0.3S X (Sp)	0.00041	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV (Sp)	0.00012	DIS0.9CM-SY+0.3S X (Sp)	0.000362	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV (Sp)	0.000193	DIS0.9CM-SY+0.3S X (Sp)	0.000314	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV	0.000278	DIS0.9CM-SY+0.3S X (Sp)	0.000265	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV	0.000304	DIS0.9CM-SY+0.3S X (Sp)	0.000234	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV	0.000268	DIS0.9CM-SY+0.3S X (Sp)	0.000282	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV (Sp)	0.000173	DIS0.9CM-SY+0.3S X (Sp)	0.000331	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV (Sp)	0.00012	DIS0.9CM-SY+0.3S X (Sp)	0.000379	DIS1.2CM+CV+SX-0 .3SY	0.
234	1.2CM+1.6CV (Sp)	0.000185	DIS0.9CM-SY+0.3S X (Sp)	0.000427	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV (Sp)	0.000153	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000373	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000248	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV	0.000215	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000123	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV	0.000305	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV	0.000335	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV	0.000302	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV	0.00021	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000118	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV (Sp)	0.0001	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000242	DIS1.2CM+CV+SX-0 .3SY	0.
235	1.2CM+1.6CV (Sp)	0.000143	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000367	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000111	DIS1.2CM+CV+SX-0 .3SY (Sp)	7.132E-06	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000069	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000065	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
236	1.2CM+1.6CV (Sp)	0.000125	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00003	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV (Sp)	0.000156	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000376	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV (Sp)	0.000102	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000251	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
237	1.2CM+1.6CV	0.000214	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000126	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV	0.000304	DIS1.2CM+CV+SX-0 .3SY (Sp)	1.796E-06	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV	0.000334	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV	0.000302	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV	0.00021	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000118	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV (Sp)	0.000102	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000242	DIS1.2CM+CV+SX-0 .3SY	0.
237	1.2CM+1.6CV (Sp)	0.000142	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000367	DIS1.2CM+CV+SX-0 .3SY	0.
239	1.2CM+1.6CV (Sp)	0.000111	DIS1.2CM+CV+SX-0 .3SY (Sp)	4.405E-06	DIS1.2CM+CV+SX-0 .3SY	0.
239	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
239	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
239	1.2CM+1.6CV (Sp)	0.000064	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
239	1.2CM+1.6CV (Sp)	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
239	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
239	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
239	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.00006	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
239	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000122	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV (Sp)	0.000159	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00038	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV (Sp)	0.000104	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000255	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV	0.000212	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000131	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV	0.000303	DIS1.2CM+CV+SX-0 .3SY (Sp)	6.015E-06	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV	0.000334	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV	0.000302	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV	0.00021	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000117	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV (Sp)	0.000104	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000242	DIS1.2CM+CV+SX-0 .3SY	0.
240	1.2CM+1.6CV (Sp)	0.00014	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000366	DIS1.2CM+CV+SX-0 .3SY	0.
241	1.2CM+1.6CV (Sp)	0.000109	DIS1.2CM+CV+SX-0 .3SY (Sp)	2.306E-06	DIS1.2CM+CV+SX-0 .3SY	0.
241	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
241	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
241	1.2CM+1.6CV (Sp)	0.000067	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
241	1.2CM+1.6CV (Sp)	0.000075	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
241	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
241	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
241	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
241	DIS1.2CM+CV+SY+ 0.3SX (Sp)	0.000117	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000014	DIS1.2CM+CV+SX-0 .3SY	0.
242	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000596	DIS1.2CM+CV+SX-0 .3SY	0.000253
242	1.2CM+1.6CV (Sp)	0.000195	DIS0.9CM-SY+0.3S X (Sp)	0.000569	DIS1.2CM+CV+SX-0 .3SY	0.000253
242	1.2CM+1.6CV (Sp)	0.000252	DIS0.9CM-SY+0.3S X (Sp)	0.000541	DIS1.2CM+CV+SX-0 .3SY	0.000253
242	1.2CM+1.6CV	0.000439	DIS0.9CM-SY+0.3S X (Sp)	0.000514	DIS1.2CM+CV+SX-0 .3SY	0.000253
242	1.2CM+1.6CV	0.000605	DIS0.9CM-SY+0.3S X (Sp)	0.000486	DIS1.2CM+CV+SX-0 .3SY	0.000253
242	1.2CM+1.6CV	0.000607	DIS0.9CM-SY+0.3S X (Sp)	0.000532	DIS1.2CM+CV+SX-0 .3SY	0.000254
242	1.2CM+1.6CV	0.000415	DIS0.9CM-SY+0.3S X (Sp)	0.000559	DIS1.2CM+CV+SX-0 .3SY	0.000254
242	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000587	DIS1.2CM+CV+SX-0 .3SY	0.000254
242	1.2CM+1.6CV (Sp)	0.000195	DIS0.9CM-SY+0.3S X (Sp)	0.000614	DIS1.2CM+CV+SX-0 .3SY	0.000254
242	1.2CM+1.6CV (Sp)	0.000299	DIS0.9CM-SY+0.3S X (Sp)	0.000642	DIS1.2CM+CV+SX-0 .3SY	0.000254
256	1.2CM+1.6CV (Sp)	0.000326	DIS0.9CM-SY+0.3S X (Sp)	0.000744	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000717	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV (Sp)	0.000332	DIS0.9CM-SY+0.3S X (Sp)	0.000689	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV	0.000615	DIS0.9CM-SY+0.3S X (Sp)	0.000662	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV	0.000893	DIS0.9CM-SY+0.3S X (Sp)	0.000634	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV	0.000894	DIS0.9CM-SY+0.3S X (Sp)	0.000641	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV	0.000611	DIS0.9CM-SY+0.3S X (Sp)	0.000669	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV (Sp)	0.000324	DIS0.9CM-SY+0.3S X (Sp)	0.000696	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000724	DIS1.2CM+CV+SX-0 .3SY	0.
256	1.2CM+1.6CV (Sp)	0.000356	DIS0.9CM-SY+0.3S X (Sp)	0.000751	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV (Sp)	0.000344	DIS0.9CM-SY+0.3S X (Sp)	0.000751	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000723	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV (Sp)	0.000328	DIS0.9CM-SY+0.3S X (Sp)	0.000696	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV	0.000614	DIS0.9CM-SY+0.3S X (Sp)	0.000668	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV	0.000895	DIS0.9CM-SY+0.3S X (Sp)	0.000641	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV	0.000895	DIS0.9CM-SY+0.3S X (Sp)	0.000642	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
258	1.2CM+1.6CV	0.000613	DIS0.9CM-SY+0.3S X (Sp)	0.00067	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV (Sp)	0.000326	DIS0.9CM-SY+0.3S X (Sp)	0.000697	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000725	DIS1.2CM+CV+SX-0 .3SY	0.
258	1.2CM+1.6CV (Sp)	0.000347	DIS0.9CM-SY+0.3S X (Sp)	0.000752	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV (Sp)	0.000351	DIS0.9CM-SY+0.3S X (Sp)	0.000747	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000719	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV (Sp)	0.000323	DIS0.9CM-SY+0.3S X (Sp)	0.000692	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV	0.000608	DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV	0.000888	DIS0.9CM-SY+0.3S X (Sp)	0.000637	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV	0.000887	DIS0.9CM-SY+0.3S X (Sp)	0.000632	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV	0.000611	DIS0.9CM-SY+0.3S X (Sp)	0.00066	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV (Sp)	0.000328	DIS0.9CM-SY+0.3S X (Sp)	0.000687	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000715	DIS1.2CM+CV+SX-0 .3SY	0.
260	1.2CM+1.6CV (Sp)	0.000328	DIS0.9CM-SY+0.3S X (Sp)	0.000742	DIS1.2CM+CV+SX-0 .3SY	0.
262	1.2CM+1.6CV (Sp)	0.000268	DIS0.9CM-SY+0.3S X (Sp)	0.000611	DIS1.2CM+CV+SX-0 .3SY	0.000321
262	1.2CM+1.6CV (Sp)	0.000175	DIS0.9CM-SY+0.3S X (Sp)	0.000583	DIS1.2CM+CV+SX-0 .3SY	0.000321
262	1.2CM+1.6CV (Sp)	0.000212	DIS0.9CM-SY+0.3S X (Sp)	0.000556	DIS1.2CM+CV+SX-0 .3SY	0.000321
262	1.2CM+1.6CV	0.00041	DIS0.9CM-SY+0.3S X (Sp)	0.000528	DIS1.2CM+CV+SX-0 .3SY	0.000321
262	1.2CM+1.6CV	0.000589	DIS0.9CM-SY+0.3S X (Sp)	0.000501	DIS1.2CM+CV+SX-0 .3SY	0.000321
262	1.2CM+1.6CV	0.000589	DIS0.9CM-SY+0.3S X (Sp)	0.000495	DIS1.2CM+CV+SX-0 .3SY	0.000257
262	1.2CM+1.6CV	0.000413	DIS0.9CM-SY+0.3S X (Sp)	0.000522	DIS1.2CM+CV+SX-0 .3SY	0.000257
262	1.2CM+1.6CV (Sp)	0.000218	DIS0.9CM-SY+0.3S X (Sp)	0.00055	DIS1.2CM+CV+SX-0 .3SY	0.000257
262	1.2CM+1.6CV (Sp)	0.000175	DIS0.9CM-SY+0.3S X (Sp)	0.000577	DIS1.2CM+CV+SX-0 .3SY	0.000257
262	1.2CM+1.6CV (Sp)	0.000242	DIS0.9CM-SY+0.3S X (Sp)	0.000605	DIS1.2CM+CV+SX-0 .3SY	0.000257
264	1.2CM+1.6CV (Sp)	0.000255	DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV (Sp)	0.000167	DIS0.9CM-SY+0.3S X (Sp)	0.000574	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV (Sp)	0.000215	DIS0.9CM-SY+0.3S X (Sp)	0.000547	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV	0.000413	DIS0.9CM-SY+0.3S X (Sp)	0.000519	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV	0.000592	DIS0.9CM-SY+0.3S X (Sp)	0.000492	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV	0.000592	DIS0.9CM-SY+0.3S X (Sp)	0.000489	DIS1.2CM+CV+SX-0 .3SY	0.000258

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
264	1.2CM+1.6CV	0.000415	DIS0.9CM-SY+0.3S X (Sp)	0.000517	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV (Sp)	0.000218	DIS0.9CM-SY+0.3S X (Sp)	0.000544	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV (Sp)	0.000167	DIS0.9CM-SY+0.3S X (Sp)	0.000572	DIS1.2CM+CV+SX-0 .3SY	0.000258
264	1.2CM+1.6CV (Sp)	0.000249	DIS0.9CM-SY+0.3S X (Sp)	0.000599	DIS1.2CM+CV+SX-0 .3SY	0.000258
266	1.2CM+1.6CV (Sp)	0.000283	DIS0.9CM-SY+0.3S X (Sp)	0.000627	DIS1.2CM+CV+SX-0 .3SY	0.000264
266	1.2CM+1.6CV (Sp)	0.000185	DIS0.9CM-SY+0.3S X (Sp)	0.000599	DIS1.2CM+CV+SX-0 .3SY	0.000264
266	1.2CM+1.6CV (Sp)	0.000209	DIS0.9CM-SY+0.3S X (Sp)	0.000572	DIS1.2CM+CV+SX-0 .3SY	0.000264
266	1.2CM+1.6CV	0.000417	DIS0.9CM-SY+0.3S X (Sp)	0.000544	DIS1.2CM+CV+SX-0 .3SY	0.000264
266	1.2CM+1.6CV	0.000608	DIS0.9CM-SY+0.3S X (Sp)	0.000517	DIS1.2CM+CV+SX-0 .3SY	0.000264
266	1.2CM+1.6CV	0.000606	DIS0.9CM-SY+0.3S X (Sp)	0.000476	DIS1.2CM+CV+SX-0 .3SY	0.000256
266	1.2CM+1.6CV	0.000439	DIS0.9CM-SY+0.3S X (Sp)	0.000503	DIS1.2CM+CV+SX-0 .3SY	0.000256
266	1.2CM+1.6CV (Sp)	0.000251	DIS0.9CM-SY+0.3S X (Sp)	0.000531	DIS1.2CM+CV+SX-0 .3SY	0.000256
266	1.2CM+1.6CV (Sp)	0.000185	DIS0.9CM-SY+0.3S X (Sp)	0.000558	DIS1.2CM+CV+SX-0 .3SY	0.000256
266	1.2CM+1.6CV (Sp)	0.000208	DIS0.9CM-SY+0.3S X (Sp)	0.000586	DIS1.2CM+CV+SX-0 .3SY	0.000256
11	1.2CM+1.6CV (Sp)	0.000245	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001025	DIS1.2CM+CV+SX-0 .3SY	0.00032
11	1.2CM+1.6CV (Sp)	0.000161	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00092	DIS1.2CM+CV+SX-0 .3SY	0.00032
11	1.2CM+1.6CV (Sp)	0.000161	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000816	DIS1.2CM+CV+SX-0 .3SY	0.00032
11	1.2CM+1.6CV (Sp)	5.867E-06	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000711	DIS1.2CM+CV+SX-0 .3SY	0.00032
67	1.2CM+1.6CV (Sp)	0.000247	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00103	DIS1.2CM+CV+SX-0 .3SY	0.00032
67	1.2CM+1.6CV (Sp)	0.000162	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000925	DIS1.2CM+CV+SX-0 .3SY	0.00032
67	1.2CM+1.6CV (Sp)	0.000162	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000821	DIS1.2CM+CV+SX-0 .3SY	0.00032
67	1.2CM+1.6CV (Sp)	5.738E-06	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000716	DIS1.2CM+CV+SX-0 .3SY	0.00032
68	1.2CM+1.6CV (Sp)	0.000427	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00186	DIS1.2CM+CV+SX-0 .3SY	0.
68	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001723	DIS1.2CM+CV+SX-0 .3SY	0.
68	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001587	DIS1.2CM+CV+SX-0 .3SY	0.
68	1.2CM+1.6CV	0.000134	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001451	DIS1.2CM+CV+SX-0 .3SY	0.
84	1.2CM+1.6CV (Sp)	0.000302	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001286	DIS1.2CM+CV+SX-0 .3SY	0.000321
84	1.2CM+1.6CV (Sp)	0.000197	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001227	DIS1.2CM+CV+SX-0 .3SY	0.000321
84	1.2CM+1.6CV (Sp)	0.000197	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001168	DIS1.2CM+CV+SX-0 .3SY	0.000321
84	1.2CM+1.6CV	0.000092	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001109	DIS1.2CM+CV+SX-0 .3SY	0.000321

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
93	1.2CM+1.6CV (Sp)	0.000367	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001601	DIS1.2CM+CV+SX-0 .3SY	0.000321
93	1.2CM+1.6CV (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001465	DIS1.2CM+CV+SX-0 .3SY	0.000321
93	1.2CM+1.6CV (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001329	DIS1.2CM+CV+SX-0 .3SY	0.000321
93	1.2CM+1.6CV	0.000097	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001192	DIS1.2CM+CV+SX-0 .3SY	0.000321
95	1.2CM+1.6CV (Sp)	0.000475	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00198	DIS1.2CM+CV+SX-0 .3SY	0.
95	1.2CM+1.6CV (Sp)	0.000229	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001844	DIS1.2CM+CV+SX-0 .3SY	0.
95	1.2CM+1.6CV (Sp)	0.000229	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001707	DIS1.2CM+CV+SX-0 .3SY	0.
95	1.2CM+1.6CV	0.000126	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001571	DIS1.2CM+CV+SX-0 .3SY	0.
97	1.2CM+1.6CV (Sp)	0.000454	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001868	DIS1.2CM+CV+SX-0 .3SY	0.
97	1.2CM+1.6CV (Sp)	0.000219	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001732	DIS1.2CM+CV+SX-0 .3SY	0.
97	1.2CM+1.6CV (Sp)	0.000219	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001595	DIS1.2CM+CV+SX-0 .3SY	0.
97	1.2CM+1.6CV	0.00009	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001459	DIS1.2CM+CV+SX-0 .3SY	0.
99	1.2CM+1.6CV (Sp)	0.000413	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001742	DIS1.2CM+CV+SX-0 .3SY	0.
99	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001606	DIS1.2CM+CV+SX-0 .3SY	0.
99	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000208	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001469	DIS1.2CM+CV+SX-0 .3SY	0.
99	1.2CM+1.6CV	0.000082	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.001333	DIS1.2CM+CV+SX-0 .3SY	0.
144	DIS1.2CM+CV-SX+0 .3SY (Sp)	0.00003	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
144	1.2CM+1.6CV (Sp)	0.000034	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
144	1.2CM+1.6CV	0.000086	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
144	1.2CM+1.6CV	0.00011	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
144	1.2CM+1.6CV	0.000105	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
144	1.2CM+1.6CV	0.000097	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000319
144	1.2CM+1.6CV	0.000091	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000319
144	1.2CM+1.6CV	0.000057	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000319
144	1.2CM+1.6CV (Sp)	0.00003	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000319
144	1.2CM+1.6CV (Sp)	0.00006	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000319
146	1.2CM+1.6CV (Sp)	0.000062	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000311
146	1.2CM+1.6CV (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000311
146	1.2CM+1.6CV	0.000098	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000311
146	1.2CM+1.6CV	0.000153	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000311

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
146	1.2CM+1.6CV	0.00018	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000311
146	1.2CM+1.6CV	0.000186	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000309
146	1.2CM+1.6CV	0.000152	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000309
146	1.2CM+1.6CV (Sp)	0.00009	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000309
146	1.2CM+1.6CV (Sp)	0.000052	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000309
146	1.2CM+1.6CV (Sp)	0.000105	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000309
149	1.2CM+1.6CV (Sp)	0.00009	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00022	DIS1.2CM+CV+SX-0 .3SY	0.000321
149	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000207	DIS1.2CM+CV+SX-0 .3SY	0.000321
149	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000195	DIS1.2CM+CV+SX-0 .3SY	0.000321
149	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000183	DIS1.2CM+CV+SX-0 .3SY	0.000321
149	1.2CM+1.6CV (Sp)	0.000074	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00017	DIS1.2CM+CV+SX-0 .3SY	0.000321
149	1.2CM+1.6CV (Sp)	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000151	DIS1.2CM+CV+SX-0 .3SY	0.000312
149	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000163	DIS1.2CM+CV+SX-0 .3SY	0.000312
149	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000176	DIS1.2CM+CV+SX-0 .3SY	0.000312
149	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000188	DIS1.2CM+CV+SX-0 .3SY	0.000312
149	1.2CM+1.6CV (Sp)	0.000063	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.0002	DIS1.2CM+CV+SX-0 .3SY	0.000312
151	1.2CM+1.6CV (Sp)	0.000082	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
151	1.2CM+1.6CV (Sp)	0.000041	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
151	1.2CM+1.6CV (Sp)	0.00008	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
151	1.2CM+1.6CV	0.000133	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
151	1.2CM+1.6CV	0.000157	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
151	1.2CM+1.6CV	0.000151	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
151	1.2CM+1.6CV	0.000128	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
151	1.2CM+1.6CV (Sp)	0.000077	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
151	1.2CM+1.6CV (Sp)	0.000041	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
151	1.2CM+1.6CV (Sp)	0.000083	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
153	1.2CM+1.6CV (Sp)	0.000091	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000315
153	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000315
153	1.2CM+1.6CV (Sp)	0.000083	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000315
153	1.2CM+1.6CV	0.000141	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000315

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
153	1.2CM+1.6CV	0.00017	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000315
153	1.2CM+1.6CV	0.00017	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
153	1.2CM+1.6CV	0.000141	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
153	1.2CM+1.6CV	0.000083	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
153	1.2CM+1.6CV (Sp)	0.000045	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
153	1.2CM+1.6CV (Sp)	0.000085	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000304
156	1.2CM+1.6CV (Sp)	0.000076	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000299
156	1.2CM+1.6CV (Sp)	0.000038	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000299
156	1.2CM+1.6CV (Sp)	0.000038	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000299
156	1.2CM+1.6CV (Sp)	0.000048	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000299
156	1.4CM	0.000053	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000299
156	1.4CM	0.000054	1.4CM	9.485E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
156	1.2CM+1.6CV	0.000052	1.4CM	9.485E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
156	1.2CM+1.6CV (Sp)	0.000038	1.4CM	9.485E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
156	1.2CM+1.6CV (Sp)	0.000038	1.4CM	9.485E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
156	1.2CM+1.6CV (Sp)	0.000062	1.4CM	9.485E-06	DIS1.2CM+CV+SX-0 .3SY	0.000321
158	1.2CM+1.6CV (Sp)	0.000058	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000312
158	1.2CM+1.6CV (Sp)	0.000029	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000312
158	1.2CM+1.6CV	0.000055	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000312
158	1.2CM+1.6CV	0.000091	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000312
158	1.2CM+1.6CV	0.000099	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.000312
158	1.2CM+1.6CV	0.000106	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
158	1.2CM+1.6CV	0.00011	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
158	1.2CM+1.6CV	0.000086	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
158	1.2CM+1.6CV (Sp)	0.000034	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
158	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000031	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.	DIS1.2CM+CV+SX-0 .3SY	0.
188	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000125	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000469	DIS1.2CM+CV+SX-0 .3SY	0.
188	1.2CM+1.6CV (Sp)	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000416	DIS1.2CM+CV+SX-0 .3SY	0.
188	1.2CM+1.6CV (Sp)	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000362	DIS1.2CM+CV+SX-0 .3SY	0.
188	1.2CM+1.6CV (Sp)	0.000021	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000308	DIS1.2CM+CV+SX-0 .3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
189	1.2CM+1.6CV (Sp)	0.00015	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000723	DIS1.2CM+CV+SX-0 .3SY	0.
189	1.2CM+1.6CV (Sp)	0.000098	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000592	DIS1.2CM+CV+SX-0 .3SY	0.
189	1.2CM+1.6CV (Sp)	0.000098	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000461	DIS1.2CM+CV+SX-0 .3SY	0.
189	1.2CM+1.6CV (Sp)	0.000055	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000434	DIS1.2CM+CV+SX-0 .3SY	0.
191	1.2CM+1.6CV (Sp)	0.000129	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000646	DIS1.2CM+CV+SX-0 .3SY	0.
191	1.2CM+1.6CV (Sp)	0.000084	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000515	DIS1.2CM+CV+SX-0 .3SY	0.
191	1.2CM+1.6CV (Sp)	0.000084	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000384	DIS1.2CM+CV+SX-0 .3SY	0.
191	1.2CM+1.6CV (Sp)	0.00007	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000455	DIS1.2CM+CV+SX-0 .3SY	0.
192	1.2CM+1.6CV (Sp)	0.00017	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000781	DIS1.2CM+CV+SX-0 .3SY	0.
192	1.2CM+1.6CV (Sp)	0.000111	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00065	DIS1.2CM+CV+SX-0 .3SY	0.
192	1.2CM+1.6CV (Sp)	0.000111	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000519	DIS1.2CM+CV+SX-0 .3SY	0.
192	1.2CM+1.6CV (Sp)	0.000051	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000446	DIS1.2CM+CV+SX-0 .3SY	0.
193	1.2CM+1.6CV (Sp)	0.000142	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000693	DIS1.2CM+CV+SX-0 .3SY	0.
193	1.2CM+1.6CV (Sp)	0.000093	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000563	DIS1.2CM+CV+SX-0 .3SY	0.
193	1.2CM+1.6CV (Sp)	0.000093	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000432	DIS1.2CM+CV+SX-0 .3SY	0.
193	1.2CM+1.6CV (Sp)	0.000041	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000397	DIS1.2CM+CV+SX-0 .3SY	0.
194	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000125	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000505	DIS1.2CM+CV+SX-0 .3SY	0.
194	1.2CM+1.6CV (Sp)	0.000078	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000452	DIS1.2CM+CV+SX-0 .3SY	0.
194	1.2CM+1.6CV (Sp)	0.000078	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000398	DIS1.2CM+CV+SX-0 .3SY	0.
194	1.2CM+1.6CV (Sp)	0.000037	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000344	DIS1.2CM+CV+SX-0 .3SY	0.
195	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000125	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000468	DIS1.2CM+CV+SX-0 .3SY	0.
195	1.2CM+1.6CV (Sp)	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000414	DIS1.2CM+CV+SX-0 .3SY	0.
195	1.2CM+1.6CV (Sp)	0.000071	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00036	DIS1.2CM+CV+SX-0 .3SY	0.
195	1.2CM+1.6CV (Sp)	0.000024	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000307	DIS1.2CM+CV+SX-0 .3SY	0.
243	1.2CM+1.6CV	0.000142	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.002028	DIS1.2CM+CV+SX-0 .3SY	0.
243	1.2CM+1.6CV (Sp)	0.000208	DIS1.2CM+CV-SX+0 .3SY (Sp)		DIS1.2CM+CV+SX-0 .3SY	0.
243	1.2CM+1.6CV (Sp)	0.000353	DIS1.2CM+CV-SX+0 .3SY (Sp)		DIS1.2CM+CV+SX-0 .3SY	0.
257	DIS1.2CM+CV-SY+0 .3SX	0.000013	DIS1.2CM+CV-SX+0 .3SY (Sp)		DIS1.2CM+CV+SX-0 .3SY	0.000321
257	1.2CM+1.6CV (Sp)	0.000127	DIS1.2CM+CV-SX+0 .3SY (Sp)		DIS1.2CM+CV+SX-0 .3SY	0.000321
257	1.2CM+1.6CV (Sp)	0.000208	DIS1.2CM+CV-SX+0 .3SY (Sp)		DIS1.2CM+CV+SX-0 .3SY	0.000321

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
259	1.2CM+1.6CV (Sp)	0.000042	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000371	DIS1.2CM+CV+SX-0.3SY	0.
259	1.2CM+1.6CV (Sp)	0.000048	DIS1.2CM+CV+SX-0.3SY (Sp)	0.0004	DIS1.2CM+CV+SX-0.3SY	0.
259	1.2CM+1.6CV (Sp)	0.000098	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000527	DIS1.2CM+CV+SX-0.3SY	0.
261	1.2CM+1.6CV (Sp)	0.000053	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
261	1.2CM+1.6CV (Sp)	0.000081	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
261	1.2CM+1.6CV	0.000177	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
261	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
261	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
261	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.00029
261	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.00029
261	1.2CM+1.6CV (Sp)	0.000133	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.00029
261	1.2CM+1.6CV (Sp)	0.000072	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.00029
261	1.2CM+1.6CV (Sp)	0.000145	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.00029
263	1.2CM+1.6CV	0.000013	DIS1.2CM+CV-SX+0.3SY (Sp)		DIS1.2CM+CV+SX-0.3SY	0.00032
263	1.2CM+1.6CV (Sp)	0.000127	DIS1.2CM+CV-SX+0.3SY (Sp)		DIS1.2CM+CV+SX-0.3SY	0.00032
263	1.2CM+1.6CV (Sp)	0.000208	DIS1.2CM+CV-SX+0.3SY (Sp)		DIS1.2CM+CV+SX-0.3SY	0.00032
265	1.2CM+1.6CV (Sp)	0.000042	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000372	DIS1.2CM+CV+SX-0.3SY	0.
265	1.2CM+1.6CV (Sp)	0.000049	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000402	DIS1.2CM+CV+SX-0.3SY	0.
265	1.2CM+1.6CV (Sp)	0.000098	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000528	DIS1.2CM+CV+SX-0.3SY	0.
267	1.2CM+1.6CV (Sp)	0.000145	DIS0.9CM-SX-0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0.3SY	0.000321
267	1.2CM+1.6CV (Sp)	0.000072	DIS0.9CM-SX-0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0.3SY	0.000321
267	1.2CM+1.6CV (Sp)	0.000133	DIS0.9CM-SX-0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0.3SY	0.000321
267	1.2CM+1.6CV	0.000208	DIS0.9CM-SX-0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0.3SY	0.000321
267	1.2CM+1.6CV	0.000208	DIS0.9CM-SX-0.3SY (Sp)	0.00002	DIS1.2CM+CV+SX-0.3SY	0.000321
267	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
267	1.2CM+1.6CV	0.000208	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
267	1.2CM+1.6CV	0.000176	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
267	1.2CM+1.6CV (Sp)	0.00008	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
267	1.2CM+1.6CV (Sp)	0.000054	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000094	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
27	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV+SY-0.3SX	0.000058	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV+SY-0.3SX	0.000073	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	1.4CM	0.000087	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	1.4CM	0.000097	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	1.4CM	0.000099	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX	0.0001	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX	0.000095	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX	0.000082	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX	0.000062	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000047	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
27	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000092	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000112	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV+SY+0.3SX	0.000072	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV+SY+0.3SX	0.000082	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	1.4CM	0.000087	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	1.4CM	0.000097	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV-SY-0.3SX	0.000105	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV-SY-0.3SX	0.000112	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV-SY-0.3SX	0.000112	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV-SY-0.3SX	0.000105	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV-SY-0.3SX	0.00009	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS0.9CM-SY-0.3SX	0.000071	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
29	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
29	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000114	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV-SY-0.3SX (Sp)	0.000111	DIS0.9CM-SY+0.3SX (Sp)	0.000152	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059	DIS0.9CM-SY+0.3SX (Sp)	0.000142	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059	DIS0.9CM-SY+0.3SX (Sp)	0.000132	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059	DIS0.9CM-SY+0.3SX (Sp)	0.000122	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV+SY+0.3SX	0.000072	DIS0.9CM-SY+0.3SX (Sp)	0.000112	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV+SY+0.3SX	0.000081	DIS0.9CM-SY+0.3SX (Sp)	0.000102	DIS1.2CM+CV+SX-0.3SY	0.
30	1.4CM	0.000086	DIS0.9CM-SY+0.3SX (Sp)	0.000092	DIS1.2CM+CV+SX-0.3SY	0.
30	1.4CM	0.000096	DIS0.9CM-SY+0.3SX (Sp)	0.000082	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV-SY-0.3SX	0.000104	DIS0.9CM-SY+0.3SX (Sp)	0.00008	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV-SY-0.3SX	0.000111	DIS0.9CM-SY+0.3SX (Sp)	0.00009	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV-SY-0.3SX	0.000111	DIS0.9CM-SY+0.3SX (Sp)	0.0001	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV-SY-0.3SX	0.000103	DIS0.9CM-SY+0.3SX (Sp)	0.00011	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV-SY-0.3SX	0.000088	DIS0.9CM-SY+0.3SX (Sp)	0.00012	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS0.9CM-SY-0.3SX	0.000071	DIS0.9CM-SY+0.3SX (Sp)	0.00013	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000059	DIS0.9CM-SY+0.3SX (Sp)	0.00014	DIS1.2CM+CV+SX-0.3SY	0.
30	DIS1.2CM+CV+SY+0.3SX (Sp)	0.000119	DIS0.9CM-SY+0.3SX (Sp)	0.00015	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV-SY+0.3SX (Sp)	0.000113	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV+SY-0.3SX	0.000069	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV+SY-0.3SX	0.000079	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	1.4CM	0.000086	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	1.4CM	0.000097	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV-SY+0.3SX	0.000105	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV-SY+0.3SX	0.000113	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV-SY+0.3SX	0.000113	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV-SY+0.3SX	0.000106	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV-SY+0.3SX	0.000091	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 2 of 3

Frame	FBotCombo	FBotArea	VCombo	VRebar	TLngCombo	TLngArea
		m2		m2/m		m2
36	DIS0.9CM-SY+0.3SX	0.000072	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000057	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.
36	DIS1.2CM+CV+SY-0.3SX (Sp)	0.000114	DIS1.2CM+CV+SX-0.3SY (Sp)	0.	DIS1.2CM+CV+SX-0.3SY	0.

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
4	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
4	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
4	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
4	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
4	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
4	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
4	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
10	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
10	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
10	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
10	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
10	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
10	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
10	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
18	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
18	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
18	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
18	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
18	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
18	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
18	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
26	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
26	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
26	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
26	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
26	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
26	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
26	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
34	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
34	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
34	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
34	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
34	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
34	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
34	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
42	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
42	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
42	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
42	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
42	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
42	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
42	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
50	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
50	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
50	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
50	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
50	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
50	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
50	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
58	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
58	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
58	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
58	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
58	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
58	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
58	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
69	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
70	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
71	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
72	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
73	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
74	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
75	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
77	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
78	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
79	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
80	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
81	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
82	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
82	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
83	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
85	DIS1.2CM+CV+SY+0.3SX	0.000107	No Messages	No Messages
86	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
86	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
86	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
87	DIS1.2CM+CV+SY+ 0.3SX	0.000121	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
88	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
89	DIS1.2CM+CV+SY-0 .3SX	0.000124	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
90	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
91	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
35	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
35	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
35	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
35	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
35	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
35	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
35	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
51	1.2CM+1.6CV	0.000205	No Messages	No Messages
51	1.2CM+1.6CV	0.000205	No Messages	No Messages
51	1.2CM+1.6CV	0.000205	No Messages	No Messages
51	1.2CM+1.6CV	0.000205	No Messages	No Messages
51	1.2CM+1.6CV	0.000205	No Messages	No Messages
51	1.2CM+1.6CV	0.000185	No Messages	No Messages
51	1.2CM+1.6CV	0.000185	No Messages	No Messages
51	1.2CM+1.6CV	0.000185	No Messages	No Messages
51	1.2CM+1.6CV	0.000185	No Messages	No Messages
51	1.2CM+1.6CV	0.000185	No Messages	No Messages
52	1.2CM+1.6CV	0.000234	No Messages	No Messages
52	1.2CM+1.6CV	0.000234	No Messages	No Messages
52	1.2CM+1.6CV	0.000234	No Messages	No Messages
52	1.2CM+1.6CV	0.000234	No Messages	No Messages
52	1.2CM+1.6CV	0.000234	No Messages	No Messages
52	1.2CM+1.6CV	0.000235	No Messages	No Messages
52	1.2CM+1.6CV	0.000235	No Messages	No Messages
52	1.2CM+1.6CV	0.000235	No Messages	No Messages
52	1.2CM+1.6CV	0.000235	No Messages	No Messages
52	1.2CM+1.6CV	0.000235	No Messages	No Messages
59	1.2CM+1.6CV	0.000219	No Messages	No Messages
59	1.2CM+1.6CV	0.000219	No Messages	No Messages
59	1.2CM+1.6CV	0.000219	No Messages	No Messages
59	1.2CM+1.6CV	0.000219	No Messages	No Messages
59	1.2CM+1.6CV	0.000219	No Messages	No Messages
59	1.2CM+1.6CV	0.000298	No Messages	No Messages
59	1.2CM+1.6CV	0.000298	No Messages	No Messages
59	1.2CM+1.6CV	0.000298	No Messages	No Messages
59	1.2CM+1.6CV	0.000298	No Messages	No Messages
59	1.2CM+1.6CV	0.000298	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
60	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
63	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
64	1.2CM+1.6CV	0.000253	No Messages	No Messages
64	1.2CM+1.6CV	0.000253	No Messages	No Messages
64	1.2CM+1.6CV	0.000253	No Messages	No Messages
64	1.2CM+1.6CV	0.000253	No Messages	No Messages
64	1.2CM+1.6CV	0.000253	No Messages	No Messages
64	1.2CM+1.6CV	0.000179	No Messages	No Messages
64	1.2CM+1.6CV	0.000179	No Messages	No Messages
64	1.2CM+1.6CV	0.000179	No Messages	No Messages
64	1.2CM+1.6CV	0.000179	No Messages	No Messages
64	1.2CM+1.6CV	0.000179	No Messages	No Messages
65	1.2CM+1.6CV	0.000186	No Messages	No Messages
65	1.2CM+1.6CV	0.000186	No Messages	No Messages
65	1.2CM+1.6CV	0.000186	No Messages	No Messages
65	1.2CM+1.6CV	0.000186	No Messages	No Messages
65	1.2CM+1.6CV	0.000186	No Messages	No Messages
65	1.2CM+1.6CV	0.000204	No Messages	No Messages
65	1.2CM+1.6CV	0.000204	No Messages	No Messages
65	1.2CM+1.6CV	0.000204	No Messages	No Messages
65	1.2CM+1.6CV	0.000204	No Messages	No Messages
65	1.2CM+1.6CV	0.000204	No Messages	No Messages
66	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
66	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
66	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
66	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
66	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
66	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
66	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
76	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
76	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
76	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
76	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
76	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
76	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
76	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
92	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
92	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
92	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
92	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
92	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
92	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
92	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
94	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
94	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
94	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
94	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
94	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
94	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
96	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
96	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
96	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
96	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
96	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
96	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
98	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
98	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
98	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
98	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
98	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
98	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
98	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
100	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
100	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
100	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
100	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
100	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
100	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
100	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
101	1.2CM+1.6CV	0.000147	No Messages	No Messages
101	1.2CM+1.6CV	0.000147	No Messages	No Messages
101	1.2CM+1.6CV	0.000147	No Messages	No Messages
101	1.2CM+1.6CV	0.000147	No Messages	No Messages
101	1.2CM+1.6CV	0.000147	No Messages	No Messages
101	DIS1.2CM+CV-SY+0 .3SX	0.000146	No Messages	No Messages
101	DIS1.2CM+CV-SY+0 .3SX	0.000146	No Messages	No Messages
101	DIS1.2CM+CV-SY+0 .3SX	0.000146	No Messages	No Messages
101	DIS1.2CM+CV-SY+0 .3SX	0.000146	No Messages	No Messages
101	DIS1.2CM+CV-SY+0 .3SX	0.000146	No Messages	No Messages
102	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
102	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
102	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
102	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
102	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
102	DIS1.2CM+CV-SY+0 .3SX	0.000111	No Messages	No Messages
102	DIS1.2CM+CV-SY+0 .3SX	0.000111	No Messages	No Messages
102	DIS1.2CM+CV-SY+0 .3SX	0.000111	No Messages	No Messages
102	DIS1.2CM+CV-SY+0 .3SX	0.000111	No Messages	No Messages
102	DIS1.2CM+CV-SY+0 .3SX	0.000111	No Messages	No Messages
103	DIS1.2CM+CV-SY+0 .3SX	0.000114	No Messages	No Messages
103	DIS1.2CM+CV-SY+0 .3SX	0.000114	No Messages	No Messages
103	DIS1.2CM+CV-SY+0 .3SX	0.000114	No Messages	No Messages
103	DIS1.2CM+CV-SY+0 .3SX	0.000114	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
103	DIS1.2CM+CV-SY+0.3SX	0.000114	No Messages	No Messages
103	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
103	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
103	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
103	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
103	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
104	DIS1.2CM+CV-SY+0.3SX	0.000146	No Messages	No Messages
104	DIS1.2CM+CV-SY+0.3SX	0.000146	No Messages	No Messages
104	DIS1.2CM+CV-SY+0.3SX	0.000146	No Messages	No Messages
104	DIS1.2CM+CV-SY+0.3SX	0.000146	No Messages	No Messages
104	DIS1.2CM+CV-SY+0.3SX	0.000146	No Messages	No Messages
104	DIS1.2CM+CV-SY-0.3SX	0.000144	No Messages	No Messages
104	DIS1.2CM+CV-SY-0.3SX	0.000144	No Messages	No Messages
104	DIS1.2CM+CV-SY-0.3SX	0.000144	No Messages	No Messages
104	DIS1.2CM+CV-SY-0.3SX	0.000144	No Messages	No Messages
104	DIS1.2CM+CV-SY-0.3SX	0.000144	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000153	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000153	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000153	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000153	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000153	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000173	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000173	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000173	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000173	No Messages	No Messages
117	DIS1.2CM+CV-SY-0.3SX	0.000173	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.00016	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.00016	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.00016	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.00016	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
118	DIS1.2CM+CV-SY-0.3SX	0.00016	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.000154	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.000154	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.000154	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.000154	No Messages	No Messages
118	DIS1.2CM+CV-SY-0.3SX	0.000154	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000151	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000151	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000151	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000151	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000151	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000168	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000168	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000168	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000168	No Messages	No Messages
135	DIS1.2CM+CV-SY-0.3SX	0.000168	No Messages	No Messages
136	1.2CM+1.6CV	0.000122	No Messages	No Messages
136	1.2CM+1.6CV	0.000122	No Messages	No Messages
136	1.2CM+1.6CV	0.000122	No Messages	No Messages
136	1.2CM+1.6CV	0.000122	No Messages	No Messages
136	1.2CM+1.6CV	0.000122	No Messages	No Messages
136	DIS1.2CM+CV-SY-0.3SX	0.000109	No Messages	No Messages
136	DIS1.2CM+CV-SY-0.3SX	0.000109	No Messages	No Messages
136	DIS1.2CM+CV-SY-0.3SX	0.000109	No Messages	No Messages
136	DIS1.2CM+CV-SY-0.3SX	0.000109	No Messages	No Messages
136	DIS1.2CM+CV-SY-0.3SX	0.000109	No Messages	No Messages
137	1.2CM+1.6CV	0.000118	No Messages	No Messages
137	1.2CM+1.6CV	0.000118	No Messages	No Messages
137	1.2CM+1.6CV	0.000118	No Messages	No Messages
137	1.2CM+1.6CV	0.000118	No Messages	No Messages
137	1.2CM+1.6CV	0.000118	No Messages	No Messages
137	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
137	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
137	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
137	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
137	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
138	1.2CM+1.6CV	0.000167	No Messages	No Messages
138	1.2CM+1.6CV	0.000167	No Messages	No Messages
138	1.2CM+1.6CV	0.000167	No Messages	No Messages
138	1.2CM+1.6CV	0.000167	No Messages	No Messages
138	1.2CM+1.6CV	0.000167	No Messages	No Messages
138	1.2CM+1.6CV	0.000176	No Messages	No Messages
138	1.2CM+1.6CV	0.000176	No Messages	No Messages
138	1.2CM+1.6CV	0.000176	No Messages	No Messages
138	1.2CM+1.6CV	0.000176	No Messages	No Messages
138	1.2CM+1.6CV	0.000176	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
139	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
140	1.2CM+1.6CV	0.00021	No Messages	No Messages
140	1.2CM+1.6CV	0.00021	No Messages	No Messages
140	1.2CM+1.6CV	0.00021	No Messages	No Messages
140	1.2CM+1.6CV	0.00021	No Messages	No Messages
140	1.2CM+1.6CV	0.00021	No Messages	No Messages
140	1.2CM+1.6CV	0.000204	No Messages	No Messages
140	1.2CM+1.6CV	0.000204	No Messages	No Messages
140	1.2CM+1.6CV	0.000204	No Messages	No Messages
140	1.2CM+1.6CV	0.000204	No Messages	No Messages
140	1.2CM+1.6CV	0.000204	No Messages	No Messages
141	1.2CM+1.6CV	0.000127	No Messages	No Messages
141	1.2CM+1.6CV	0.000127	No Messages	No Messages
141	1.2CM+1.6CV	0.000127	No Messages	No Messages
141	1.2CM+1.6CV	0.000127	No Messages	No Messages
141	1.2CM+1.6CV	0.000127	No Messages	No Messages
141	DIS1.2CM+CV-SY-0.3SX	0.00015	No Messages	No Messages
141	DIS1.2CM+CV-SY-0.3SX	0.00015	No Messages	No Messages
141	DIS1.2CM+CV-SY-0.3SX	0.00015	No Messages	No Messages
141	DIS1.2CM+CV-SY-0.3SX	0.00015	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
141	DIS1.2CM+CV-SY-0.3SX	0.00015	No Messages	No Messages
142	DIS1.2CM+CV-SY+0.3SX	0.000103	No Messages	No Messages
142	DIS1.2CM+CV-SY+0.3SX	0.000103	No Messages	No Messages
142	DIS1.2CM+CV-SY+0.3SX	0.000103	No Messages	No Messages
142	DIS1.2CM+CV-SY+0.3SX	0.000103	No Messages	No Messages
142	DIS1.2CM+CV-SY+0.3SX	0.000103	No Messages	No Messages
142	DIS1.2CM+CV-SY-0.3SX	0.000128	No Messages	No Messages
142	DIS1.2CM+CV-SY-0.3SX	0.000128	No Messages	No Messages
142	DIS1.2CM+CV-SY-0.3SX	0.000128	No Messages	No Messages
142	DIS1.2CM+CV-SY-0.3SX	0.000128	No Messages	No Messages
142	DIS1.2CM+CV-SY-0.3SX	0.000128	No Messages	No Messages
143	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
143	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
143	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
143	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
143	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
143	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
143	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
145	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
145	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
145	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
145	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
145	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
145	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
145	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
147	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
147	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
147	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
147	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
147	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
147	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
147	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
150	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
150	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
150	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
150	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
150	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
150	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
150	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
152	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
152	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
152	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
152	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
152	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
152	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
155	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
155	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
155	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
155	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
155	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
155	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
155	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
157	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
157	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
157	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
157	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
157	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
157	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
157	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
197	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
198	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
199	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
200	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
201	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
203	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
204	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
205	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
206	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
207	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
209	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
210	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
211	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
212	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
213	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
215	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
216	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
217	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
218	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
219	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
221	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
222	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
223	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
224	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
225	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
227	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
228	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
229	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
230	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
231	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
233	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
234	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
235	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
236	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
237	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
239	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
240	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
241	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
242	1.2CM+1.6CV	0.000293	No Messages	No Messages
242	1.2CM+1.6CV	0.000293	No Messages	No Messages
242	1.2CM+1.6CV	0.000293	No Messages	No Messages
242	1.2CM+1.6CV	0.000293	No Messages	No Messages
242	1.2CM+1.6CV	0.000293	No Messages	No Messages
242	1.2CM+1.6CV	0.00029	No Messages	No Messages
242	1.2CM+1.6CV	0.00029	No Messages	No Messages
242	1.2CM+1.6CV	0.00029	No Messages	No Messages
242	1.2CM+1.6CV	0.00029	No Messages	No Messages
242	1.2CM+1.6CV	0.00029	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
256	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
258	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
260	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
262	1.2CM+1.6CV	0.000301	No Messages	No Messages
262	1.2CM+1.6CV	0.000301	No Messages	No Messages
262	1.2CM+1.6CV	0.000301	No Messages	No Messages
262	1.2CM+1.6CV	0.000301	No Messages	No Messages
262	1.2CM+1.6CV	0.000301	No Messages	No Messages
262	1.2CM+1.6CV	0.000289	No Messages	No Messages
262	1.2CM+1.6CV	0.000289	No Messages	No Messages
262	1.2CM+1.6CV	0.000289	No Messages	No Messages
262	1.2CM+1.6CV	0.000289	No Messages	No Messages
262	1.2CM+1.6CV	0.000289	No Messages	No Messages
264	1.2CM+1.6CV	0.000287	No Messages	No Messages
264	1.2CM+1.6CV	0.000287	No Messages	No Messages
264	1.2CM+1.6CV	0.000287	No Messages	No Messages
264	1.2CM+1.6CV	0.000287	No Messages	No Messages
264	1.2CM+1.6CV	0.000287	No Messages	No Messages
264	1.2CM+1.6CV	0.000289	No Messages	No Messages
264	1.2CM+1.6CV	0.000289	No Messages	No Messages
264	1.2CM+1.6CV	0.000289	No Messages	No Messages
264	1.2CM+1.6CV	0.000289	No Messages	No Messages
264	1.2CM+1.6CV	0.000289	No Messages	No Messages
266	1.2CM+1.6CV	0.000278	No Messages	No Messages
266	1.2CM+1.6CV	0.000278	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
266	1.2CM+1.6CV	0.000278	No Messages	No Messages
266	1.2CM+1.6CV	0.000278	No Messages	No Messages
266	1.2CM+1.6CV	0.000278	No Messages	No Messages
266	1.2CM+1.6CV	0.000295	No Messages	No Messages
266	1.2CM+1.6CV	0.000295	No Messages	No Messages
266	1.2CM+1.6CV	0.000295	No Messages	No Messages
266	1.2CM+1.6CV	0.000295	No Messages	No Messages
266	1.2CM+1.6CV	0.000295	No Messages	No Messages
11	DIS1.2CM+CV-SX+0.3SY	0.000234	No Messages	No Messages
11	DIS1.2CM+CV-SX+0.3SY	0.000234	No Messages	No Messages
11	DIS1.2CM+CV-SX+0.3SY	0.000234	No Messages	No Messages
11	DIS1.2CM+CV-SX+0.3SY	0.000234	No Messages	No Messages
67	DIS1.2CM+CV+SX-0.3SY	0.000237	No Messages	No Messages
67	DIS1.2CM+CV+SX-0.3SY	0.000237	No Messages	No Messages
67	DIS1.2CM+CV+SX-0.3SY	0.000237	No Messages	No Messages
67	DIS1.2CM+CV+SX-0.3SY	0.000237	No Messages	No Messages
68	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
68	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
68	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
68	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
84	DIS1.2CM+CV+SX-0.3SY	0.000138	No Messages	No Messages
84	DIS1.2CM+CV+SX-0.3SY	0.000138	No Messages	No Messages
84	DIS1.2CM+CV+SX-0.3SY	0.000138	No Messages	No Messages
84	DIS1.2CM+CV+SX-0.3SY	0.000138	No Messages	No Messages
93	DIS1.2CM+CV-SX+0.3SY	0.000154	No Messages	No Messages
93	DIS1.2CM+CV-SX+0.3SY	0.000154	No Messages	No Messages
93	DIS1.2CM+CV-SX+0.3SY	0.000154	No Messages	No Messages
93	DIS1.2CM+CV-SX+0.3SY	0.000154	No Messages	No Messages
95	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
95	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
95	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
95	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
97	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
97	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
97	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
97	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
99	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
99	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
99	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
99	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
144	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
144	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
144	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
144	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
144	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
144	1.2CM+1.6CV	0.000211	No Messages	No Messages
144	1.2CM+1.6CV	0.000211	No Messages	No Messages
144	1.2CM+1.6CV	0.000211	No Messages	No Messages
144	1.2CM+1.6CV	0.000211	No Messages	No Messages
144	1.2CM+1.6CV	0.000211	No Messages	No Messages
146	1.2CM+1.6CV	0.000303	No Messages	No Messages
146	1.2CM+1.6CV	0.000303	No Messages	No Messages
146	1.2CM+1.6CV	0.000303	No Messages	No Messages
146	1.2CM+1.6CV	0.000303	No Messages	No Messages
146	1.2CM+1.6CV	0.000303	No Messages	No Messages
146	1.2CM+1.6CV	0.00012	No Messages	No Messages
146	1.2CM+1.6CV	0.00012	No Messages	No Messages
146	1.2CM+1.6CV	0.00012	No Messages	No Messages
146	1.2CM+1.6CV	0.00012	No Messages	No Messages
146	1.2CM+1.6CV	0.00012	No Messages	No Messages
149	1.2CM+1.6CV	0.000235	No Messages	No Messages
149	1.2CM+1.6CV	0.000235	No Messages	No Messages
149	1.2CM+1.6CV	0.000235	No Messages	No Messages
149	1.2CM+1.6CV	0.000235	No Messages	No Messages
149	1.2CM+1.6CV	0.000235	No Messages	No Messages
149	1.2CM+1.6CV	0.0003	No Messages	No Messages
149	1.2CM+1.6CV	0.0003	No Messages	No Messages
149	1.2CM+1.6CV	0.0003	No Messages	No Messages
149	1.2CM+1.6CV	0.0003	No Messages	No Messages
149	1.2CM+1.6CV	0.0003	No Messages	No Messages
151	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
151	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
151	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages
151	DIS1.2CM+CV+SX-0.3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
151	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
151	1.2CM+1.6CV	0.000322	No Messages	No Messages
151	1.2CM+1.6CV	0.000322	No Messages	No Messages
151	1.2CM+1.6CV	0.000322	No Messages	No Messages
151	1.2CM+1.6CV	0.000322	No Messages	No Messages
151	1.2CM+1.6CV	0.000322	No Messages	No Messages
153	1.2CM+1.6CV	0.000161	No Messages	No Messages
153	1.2CM+1.6CV	0.000161	No Messages	No Messages
153	1.2CM+1.6CV	0.000161	No Messages	No Messages
153	1.2CM+1.6CV	0.000161	No Messages	No Messages
153	1.2CM+1.6CV	0.000161	No Messages	No Messages
153	1.2CM+1.6CV	0.000153	No Messages	No Messages
153	1.2CM+1.6CV	0.000153	No Messages	No Messages
153	1.2CM+1.6CV	0.000153	No Messages	No Messages
153	1.2CM+1.6CV	0.000153	No Messages	No Messages
153	1.2CM+1.6CV	0.000153	No Messages	No Messages
156	1.2CM+1.6CV	0.000193	No Messages	No Messages
156	1.2CM+1.6CV	0.000193	No Messages	No Messages
156	1.2CM+1.6CV	0.000193	No Messages	No Messages
156	1.2CM+1.6CV	0.000193	No Messages	No Messages
156	1.2CM+1.6CV	0.000193	No Messages	No Messages
156	1.4CM	0.000099	No Messages	No Messages
156	1.4CM	0.000099	No Messages	No Messages
156	1.4CM	0.000099	No Messages	No Messages
156	1.4CM	0.000099	No Messages	No Messages
156	1.4CM	0.000099	No Messages	No Messages
158	1.2CM+1.6CV	0.000227	No Messages	No Messages
158	1.2CM+1.6CV	0.000227	No Messages	No Messages
158	1.2CM+1.6CV	0.000227	No Messages	No Messages
158	1.2CM+1.6CV	0.000227	No Messages	No Messages
158	1.2CM+1.6CV	0.000227	No Messages	No Messages
158	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
158	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
158	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
158	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
158	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
188	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
188	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
188	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
188	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
189	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
189	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
189	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
189	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
191	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
191	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
191	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
191	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
192	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
192	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
192	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
192	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
193	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
193	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
193	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
193	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
194	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
194	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
194	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
194	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
195	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
195	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
195	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
195	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
243	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
243	DIS1.2CM+CV+SX-0 .3SY	0.	Shear stress exceeds maximum allowed.; Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
243	DIS1.2CM+CV+SX-0 .3SY	0.	Shear stress exceeds maximum allowed.; Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
257	1.2CM+1.6CV	0.000412	Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
257	1.2CM+1.6CV	0.000412	Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
257	1.2CM+1.6CV	0.000412	Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
259	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
259	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
259	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
261	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
261	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
261	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
261	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
261	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
261	1.2CM+1.6CV	0.000272	No Messages	No Messages
261	1.2CM+1.6CV	0.000272	No Messages	No Messages
261	1.2CM+1.6CV	0.000272	No Messages	No Messages
261	1.2CM+1.6CV	0.000272	No Messages	No Messages
263	1.2CM+1.6CV	0.000416	Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
263	1.2CM+1.6CV	0.000416	Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
263	1.2CM+1.6CV	0.000416	Shear stress due to shear and torsion together exceeds maximum allowed.	No Messages
265	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
265	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
265	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
267	1.2CM+1.6CV	0.000271	No Messages	No Messages
267	1.2CM+1.6CV	0.000271	No Messages	No Messages
267	1.2CM+1.6CV	0.000271	No Messages	No Messages
267	1.2CM+1.6CV	0.000271	No Messages	No Messages
267	1.2CM+1.6CV	0.000271	No Messages	No Messages
267	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
267	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
267	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
267	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
267	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
27	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
29	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 2 - Beam Summary Data - ACI 318-14, Part 3 of 3

Frame	TTrnCombo	TTrnRebar	ErrMsg	WarnMsg
		m2/m		
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
30	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages
36	DIS1.2CM+CV+SX-0 .3SY	0.	No Messages	No Messages

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location m	PMMCombo
1	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY-0.3SX
1	C30x30	Column	Design	No Messages	1.1	1.2CM+1.6CV
1	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY-0.3SX
2	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY+0.3SX
2	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
2	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
2	C30x45	Column	Design	No Messages	2.2	DIS0.9CM-SX-0.3SY
3	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SX-0.3SY
3	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
3	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
3	C30x45	Column	Design	No Messages	2.2	DIS1.2CM+CV-SX-0.3SY
7	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY-0.3SX
7	C30x30	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
7	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY-0.3SX
8	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY-0.3SX
8	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
8	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV+SY+0.3SX
8	C30x45	Column	Design	No Messages	2.2	DIS1.2CM+CV+SY-0.3SX
9	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SX+0.3SY
9	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
9	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
9	C30x45	Column	Design	No Messages	2.2	DIS0.9CM+SY-0.3SX
15	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY+0.3SX
15	C30x30	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY-0.3SX
15	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY+0.3SX
16	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY-0.3SX
16	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
16	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV+SY+0.3SX
16	C30x45	Column	Design	No Messages	2.2	DIS0.9CM-SY-0.3SX
17	C30x45	Column	Design	No Messages	0.	DIS0.9CM+SX-0.3SY
17	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY-0.3SX
17	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY-0.3SX
17	C30x45	Column	Design	No Messages	2.2	DIS1.2CM+CV+SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location m	PMMCombo
23	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY+0.3SX
23	C30x30	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
23	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY+0.3SX
24	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY-0.3SX
24	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
24	C30x45	Column	Design	No Messages	2.2	DIS0.9CM-SY-0.3SX
25	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SX+0.3SY
25	C30x45	Column	Design	No Messages	1.1	DIS0.9CM-SY-0.3SX
25	C30x45	Column	Design	No Messages	2.2	DIS0.9CM+SY-0.3SX
31	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY+0.3SX
31	C30x30	Column	Design	No Messages	1.1	1.2CM+1.6CV
31	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY-0.3SX
32	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY+0.3SX
32	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
32	C30x45	Column	Design	No Messages	2.2	DIS0.9CM-SY+0.3SX
33	C30x45	Column	Design	No Messages	0.	DIS0.9CM+SX+0.3SY
33	C30x45	Column	Design	No Messages	1.1	DIS0.9CM-SY+0.3SX
33	C30x45	Column	Design	No Messages	2.2	DIS0.9CM+SY+0.3SX
39	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY-0.3SX
39	C30x30	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY-0.3SX
39	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY-0.3SX
40	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY+0.3SX
40	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
40	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV+SY-0.3SX
40	C30x45	Column	Design	No Messages	2.2	DIS0.9CM-SY+0.3SX
41	C30x45	Column	Design	No Messages	0.	DIS0.9CM+SX-0.3SY
41	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
41	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
41	C30x45	Column	Design	No Messages	2.2	DIS1.2CM+CV+SY-0.3SX
47	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY+0.3SX
47	C30x30	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY-0.3SX
47	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY+0.3SX
48	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location	PMMCombo
					m	
48	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
48	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV+SY-0.3SX
48	C30x45	Column	Design	No Messages	2.2	DIS1.2CM+CV+SY+0.3SX
49	C30x45	Column	Design	No Messages	0.	DIS0.9CM+SX+0.3SY
49	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
49	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY+0.3SX
49	C30x45	Column	Design	No Messages	2.2	DIS0.9CM+SY+0.3SX
55	C30x30	Column	Design	No Messages	0.	DIS0.9CM+SY+0.3SX
55	C30x30	Column	Design	No Messages	1.1	1.2CM+1.6CV
55	C30x30	Column	Design	No Messages	2.2	DIS0.9CM+SY+0.3SX
56	C30x45	Column	Design	No Messages	0.	DIS0.9CM-SY-0.3SX
56	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
56	C30x45	Column	Design	No Messages	1.1	1.2CM+1.6CV
56	C30x45	Column	Design	No Messages	2.2	DIS0.9CM-SY-0.3SX
57	C30x45	Column	Design	No Messages	0.	DIS0.9CM+SX-0.3SY
57	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY-0.3SX
57	C30x45	Column	Design	No Messages	1.1	DIS1.2CM+CV-SY-0.3SX
57	C30x45	Column	Design	No Messages	2.2	DIS1.2CM+CV+SY+0.3SX
159	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
159	C30x45	Column	Design	No Messages	0.0625	1.2CM+1.6CV
159	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SX-0.3SY
159	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SX+0.3SY
159	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SX+0.3SY
159	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
159	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
159	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX
159	C30x45	Column	Design	No Messages	0.5	DIS1.2CM+CV+SY-0.3SX
161	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY+0.3SX
161	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX
161	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
161	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
161	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
161	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location	PMMCombo
					m	
161	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
161	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
161	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SX-0.3SY
162	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
162	C30x45	Column	Design	No Messages	0.0625	1.2CM+1.6CV
162	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
162	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
162	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
162	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
162	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
162	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
162	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SY-0.3SX
163	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY+0.3SX
163	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX
163	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
163	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
163	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
163	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
163	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
163	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
163	C30x45	Column	Design	No Messages	0.5	DIS0.9CM-SX+0.3SY
164	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
164	C30x45	Column	Design	No Messages	0.0625	1.2CM+1.6CV
164	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
164	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
164	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
164	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
164	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
164	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
164	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location	PMMCombo
					m	
165	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
165	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SX-0.3SY
167	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
167	C30x45	Column	Design	No Messages	0.0625	1.2CM+1.6CV
167	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
167	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
167	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
167	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
167	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
167	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
167	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SY-0.3SX
168	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY+0.3SX
168	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX
168	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
168	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
168	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
168	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
168	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
168	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
168	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SX-0.3SY
169	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
169	C30x45	Column	Design	No Messages	0.0625	1.2CM+1.6CV
169	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
169	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
169	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location	PMMCombo
					m	
169	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
169	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
169	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX
169	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SY+0.3SX
170	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
170	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SX-0.3SY
171	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
171	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
171	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
171	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
171	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
171	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
171	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
171	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX
171	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SY+0.3SX
173	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY-0.3SX
173	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
173	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
173	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
173	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
173	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
173	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
173	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location m	PMMCombo
173	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SX-0.3SY
174	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
174	C30x45	Column	Design	No Messages	0.0625	1.2CM+1.6CV
174	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
174	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
174	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
174	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
174	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
174	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX
174	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY-0.3SX
175	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX
175	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SX-0.3SY
176	C30x45	Column	Design	No Messages	0.	1.2CM+1.6CV
176	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
176	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
176	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
176	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
176	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
176	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
176	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
176	C30x45	Column	Design	No Messages	0.5	DIS0.9CM+SY+0.3SX
177	C30x45	Column	Design	No Messages	0.	DIS1.2CM+CV+SY-0.3SX
177	C30x45	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
177	C30x45	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location	PMMCombo
					m	
177	C30x45	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
177	C30x45	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
177	C30x45	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
177	C30x45	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
177	C30x45	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
177	C30x45	Column	Design	No Messages	0.5	DIS0.9CM-SX-0.3SY
179	C30x30	Column	Design	No Messages	0.	1.2CM+1.6CV
179	C30x30	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX
179	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
179	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
179	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
179	C30x30	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
179	C30x30	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
179	C30x30	Column	Design	No Messages	0.4375	DIS0.9CM+SY-0.3SX
179	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SY-0.3SX
180	C30x30	Column	Design	No Messages	0.	1.2CM+1.6CV
180	C30x30	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX
180	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
180	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
180	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
180	C30x30	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
180	C30x30	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
180	C30x30	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
180	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SY-0.3SX
181	C30x30	Column	Design	No Messages	0.	DIS1.2CM+CV+SY+0.3SX
181	C30x30	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY+0.3SX
181	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX
181	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
181	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
181	C30x30	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
181	C30x30	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location	PMMCombo
					m	
181	C30x30	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
181	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SY-0.3SX
182	C30x30	Column	Design	No Messages	0.	1.2CM+1.6CV
182	C30x30	Column	Design	No Messages	0.0625	1.2CM+1.6CV
182	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV-SY-0.3SX
182	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV-SY-0.3SX
182	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV-SY-0.3SX
182	C30x30	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY-0.3SX
182	C30x30	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY-0.3SX
182	C30x30	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY-0.3SX
182	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SY-0.3SX
183	C30x30	Column	Design	No Messages	0.	1.2CM+1.6CV
183	C30x30	Column	Design	No Messages	0.0625	1.2CM+1.6CV
183	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV-SY+0.3SX
183	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV-SY+0.3SX
183	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV-SY-0.3SX
183	C30x30	Column	Design	No Messages	0.3125	DIS1.2CM+CV-SY-0.3SX
183	C30x30	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
183	C30x30	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX
183	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SX+0.3SY
185	C30x30	Column	Design	No Messages	0.	DIS1.2CM+CV-SY+0.3SX
185	C30x30	Column	Design	No Messages	0.0625	DIS1.2CM+CV-SY-0.3SX
185	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV-SY-0.3SX
185	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV-SY-0.3SX
185	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV-SY-0.3SX
185	C30x30	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
185	C30x30	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
185	C30x30	Column	Design	No Messages	0.4375	DIS1.2CM+CV+SY+0.3SX
185	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SY+0.3SX
186	C30x30	Column	Design	No Messages	0.	1.2CM+1.6CV
186	C30x30	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
186	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 1 of 3

Frame	DesignSect	DesignType	DesignOpt	Status	Location	PMMCombo
					m	
186	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY+0.3SX
186	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY+0.3SX
186	C30x30	Column	Design	No Messages	0.3125	DIS1.2CM+CV+SY+0.3SX
186	C30x30	Column	Design	No Messages	0.375	DIS1.2CM+CV+SY+0.3SX
186	C30x30	Column	Design	No Messages	0.4375	DIS0.9CM+SY+0.3SX
186	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SY+0.3SX
187	C30x30	Column	Design	No Messages	0.	1.2CM+1.6CV
187	C30x30	Column	Design	No Messages	0.0625	DIS1.2CM+CV+SY-0.3SX
187	C30x30	Column	Design	No Messages	0.125	DIS1.2CM+CV+SY-0.3SX
187	C30x30	Column	Design	No Messages	0.1875	DIS1.2CM+CV+SY-0.3SX
187	C30x30	Column	Design	No Messages	0.25	DIS1.2CM+CV+SY-0.3SX
187	C30x30	Column	Design	No Messages	0.3125	DIS0.9CM+SY-0.3SX
187	C30x30	Column	Design	No Messages	0.375	DIS0.9CM+SY+0.3SX
187	C30x30	Column	Design	No Messages	0.4375	DIS0.9CM+SY+0.3SX
187	C30x30	Column	Design	No Messages	0.5	DIS0.9CM+SY+0.3SX

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
1	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000204	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000193
1	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000204	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000193
1	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000204	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000193
2	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000201	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000452
2	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000201	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000452
2	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000201	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000452
2	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000201	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000452
3	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000276
3	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000276
3	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000276
3	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000276

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
7	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000315	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000267
7	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000315	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000267
7	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000315	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000267
8	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000316	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000351
8	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000316	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000351
8	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000316	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000351
8	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000316	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000351
9	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000307	DIS1.2CM+CV+SY-0.3SX	0.000259
9	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000307	DIS1.2CM+CV+SY-0.3SX	0.000259
9	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000307	DIS1.2CM+CV-SY-0.3SX	0.000275
9	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000307	DIS1.2CM+CV-SY-0.3SX	0.000275
15	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000301	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000316
15	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000301	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000316
15	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000301	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000316
16	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000535
16	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000535
16	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000535
16	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000535
17	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.00031	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000355
17	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.00031	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000355
17	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.00031	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000355
17	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.00031	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000355
23	0.000954		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000303	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000266
23	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000303	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000266
23	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000303	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000266
24	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000407	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000346
24	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000407	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000346
24	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000407	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000346
25	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000396	DIS1.2CM+CV+SY+0.3SX	0.000174
25	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000396	DIS1.2CM+CV+SY+0.3SX	0.000174

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
25	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000396	DIS1.2CM+CV+SY+ 0.3SX	0.000174
31	0.001298		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000291	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000246
31	0.0009		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000291	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000246
31	0.0009		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000291	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000246
32	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000407	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000332
32	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000407	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000332
32	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000407	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000332
33	0.001558		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000396	DIS1.2CM+CV-SY+0 .3SX	0.000174
33	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000396	DIS1.2CM+CV-SY+0 .3SX	0.000174
33	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000396	DIS1.2CM+CV-SY+0 .3SX	0.000174
39	0.00102		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000304	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000335
39	0.0009		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000304	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000335
39	0.0009		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000304	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000335
40	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00054
40	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00054
40	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00054
40	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00054
41	0.001374		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000339
41	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000339
41	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000339
41	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000318	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000339
47	0.0009		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00032	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000292
47	0.0009		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00032	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000292
47	0.0009		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.00032	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000292
48	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000317	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000368
48	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000317	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000368
48	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000317	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000368
48	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000317	DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000368
49	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000311	DIS1.2CM+CV+SY+ 0.3SX	0.000265
49	0.00135		DIS1.2CM+CV+SX-0 .3SY (Sp)	0.000311	DIS1.2CM+CV+SY+ 0.3SX	0.000265

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
49	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000311	DIS1.2CM+CV-SY+0.3SX	0.000275
49	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000311	DIS1.2CM+CV-SY+0.3SX	0.000275
55	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000202	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000321
55	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000202	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000321
55	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000202	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000321
56	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.0002	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000542
56	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.0002	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000542
56	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.0002	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000542
56	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.0002	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000542
57	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00034
57	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00034
57	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00034
57	0.00135		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000186	DIS1.2CM+CV+SX-0.3SY (Sp)	0.00034
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
159	0.00135		DIS0.9CM-SX-0.3SY	0.00058	DIS0.9CM+SY-0.3SX	0.000672
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
161	0.00135		DIS0.9CM-SX+0.3SY	0.000519	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000847
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
162	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000652
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
163	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.00062	DIS0.9CM-SY+0.3SX (Sp)	0.00124
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
164	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000782	DIS0.9CM-SY+0.3SX (Sp)	0.000658
165	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000664	DIS0.9CM-SY+0.3SX (Sp)	0.000974
165	0.00135		DIS0.9CM-SY+0.3SX (Sp)	0.000664	DIS0.9CM-SY+0.3SX (Sp)	0.000974

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
165	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS0.9CM-SY+0.3S X (Sp)	0.000974
165	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS0.9CM-SY+0.3S X (Sp)	0.000974
165	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS0.9CM-SY+0.3S X (Sp)	0.000974
165	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS0.9CM-SY+0.3S X (Sp)	0.000974
165	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS0.9CM-SY+0.3S X (Sp)	0.000974
165	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS0.9CM-SY+0.3S X (Sp)	0.000974
165	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000664	DIS0.9CM-SY+0.3S X (Sp)	0.000974
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
167	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000763	DIS0.9CM+SY-0.3S X	0.000723
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
168	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000602	DIS0.9CM-SY+0.3S X (Sp)	0.001114
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
169	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.00074	DIS0.9CM+SY+0.3S X	0.000765
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
170	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000564	DIS0.9CM-SY+0.3S X (Sp)	0.001343
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
171	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000754	DIS0.9CM+SY+0.3S X	0.000671
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
173	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000432	DIS0.9CM-SY+0.3S X (Sp)	0.0013
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
174	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000774	DIS0.9CM+SY+0.3S X	0.00079
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
175	0.00135		DIS0.9CM-SY+0.3S X (Sp)	0.000388	DIS0.9CM-SY+0.3S X (Sp)	0.001211
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
176	0.00135		DIS0.9CM+SX+0.3S Y	0.000583	DIS0.9CM+SY+0.3S X	0.000702
177	0.00135		DIS0.9CM+SX-0.3S Y	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
177	0.00135		DIS0.9CM+SX-0.3S Y	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
177	0.00135		DIS0.9CM+SX-0.3SY	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
177	0.00135		DIS0.9CM+SX-0.3SY	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
177	0.00135		DIS0.9CM+SX-0.3SY	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
177	0.00135		DIS0.9CM+SX-0.3SY	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
177	0.00135		DIS0.9CM+SX-0.3SY	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
177	0.00135		DIS0.9CM+SX-0.3SY	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
177	0.00135		DIS0.9CM+SX-0.3SY	0.000516	DIS1.2CM+CV+SX-0.3SY (Sp)	0.000851
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
179	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000399	DIS1.2CM+CV-SY+0.3SX	0.000407
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
180	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.00074	DIS0.9CM-SY+0.3SX	0.000335
181	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.000742	DIS0.9CM-SY+0.3SX	0.000287
181	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.000742	DIS0.9CM-SY+0.3SX	0.000287
181	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.000742	DIS0.9CM-SY+0.3SX	0.000287
181	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.000742	DIS0.9CM-SY+0.3SX	0.000287
181	0.0009		DIS0.9CM-SY+0.3SX (Sp)	0.000742	DIS0.9CM-SY+0.3SX	0.000287

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
181	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000742	DIS0.9CM-SY+0.3S X	0.000287
181	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000742	DIS0.9CM-SY+0.3S X	0.000287
181	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000742	DIS0.9CM-SY+0.3S X	0.000287
181	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000742	DIS0.9CM-SY+0.3S X	0.000287
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
182	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000831	DIS0.9CM-SY+0.3S X (Sp)	0.000659
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
183	0.001006		DIS0.9CM-SY+0.3S X (Sp)	0.000913	DIS0.9CM-SY+0.3S X (Sp)	0.001051
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 2 of 3

Frame	PMMArea	PMMRatio	VMajCombo	VMajRebar	VMinCombo	VMinRebar
	m2			m2/m		m2/m
185	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000824	DIS0.9CM-SY+0.3S X (Sp)	0.000671
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
186	0.0009		DIS0.9CM-SY+0.3S X (Sp)	0.000728	DIS0.9CM-SY-0.3SX	0.000444
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427
187	0.0009		DIS1.2CM+CV+SX-0.3SY (Sp)	0.000401	DIS1.2CM+CV-SY-0.3SX	0.000427

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Frame	ErrMsg	WarnMsg
1	No Messages	No Messages
1	No Messages	No Messages
1	No Messages	No Messages
2	No Messages	No Messages
2	No Messages	No Messages
2	No Messages	No Messages
2	No Messages	No Messages
3	No Messages	No Messages
3	No Messages	No Messages
3	No Messages	No Messages
3	No Messages	No Messages
7	No Messages	No Messages
7	No Messages	No Messages

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Frame	ErrMsg	WarnMsg
7	No Messages	No Messages
8	No Messages	No Messages
8	No Messages	No Messages
8	No Messages	No Messages
8	No Messages	No Messages
9	No Messages	No Messages
9	No Messages	No Messages
9	No Messages	No Messages
9	No Messages	No Messages
15	No Messages	No Messages
15	No Messages	No Messages
15	No Messages	No Messages
16	No Messages	No Messages
16	No Messages	No Messages
16	No Messages	No Messages
16	No Messages	No Messages
17	No Messages	No Messages
17	No Messages	No Messages
17	No Messages	No Messages
17	No Messages	No Messages
23	No Messages	No Messages
23	No Messages	No Messages
23	No Messages	No Messages
24	No Messages	No Messages
24	No Messages	No Messages
24	No Messages	No Messages
25	No Messages	No Messages
25	No Messages	No Messages
25	No Messages	No Messages
31	No Messages	No Messages
31	No Messages	No Messages
31	No Messages	No Messages
32	No Messages	No Messages
32	No Messages	No Messages
32	No Messages	No Messages
33	No Messages	No Messages
33	No Messages	No Messages
33	No Messages	No Messages
39	No Messages	No Messages
39	No Messages	No Messages
39	No Messages	No Messages
40	No Messages	No Messages
40	No Messages	No Messages
40	No Messages	No Messages
40	No Messages	No Messages
41	No Messages	No Messages
41	No Messages	No Messages
41	No Messages	No Messages
41	No Messages	No Messages
47	No Messages	No Messages
47	No Messages	No Messages
47	No Messages	No Messages
48	No Messages	No Messages
48	No Messages	No Messages

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Frame	ErrMsg	WarnMsg
48	No Messages	No Messages
48	No Messages	No Messages
49	No Messages	No Messages
49	No Messages	No Messages
49	No Messages	No Messages
49	No Messages	No Messages
55	No Messages	No Messages
55	No Messages	No Messages
55	No Messages	No Messages
56	No Messages	No Messages
56	No Messages	No Messages
56	No Messages	No Messages
56	No Messages	No Messages
57	No Messages	No Messages
57	No Messages	No Messages
57	No Messages	No Messages
57	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
159	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
161	No Messages	No Messages
162	No Messages	No Messages
162	No Messages	No Messages
162	No Messages	No Messages
162	No Messages	No Messages
162	No Messages	No Messages
162	No Messages	No Messages
162	No Messages	No Messages
162	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
163	No Messages	No Messages
164	No Messages	No Messages

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Frame	ErrMsg	WarnMsg
164	No Messages	No Messages
164	No Messages	No Messages
164	No Messages	No Messages
164	No Messages	No Messages
164	No Messages	No Messages
164	No Messages	No Messages
164	No Messages	No Messages
164	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
165	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
167	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
168	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
169	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
170	No Messages	No Messages
171	No Messages	No Messages

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Frame	ErrMsg	WarnMsg
171	No Messages	No Messages
171	No Messages	No Messages
171	No Messages	No Messages
171	No Messages	No Messages
171	No Messages	No Messages
171	No Messages	No Messages
171	No Messages	No Messages
171	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
173	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
174	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
175	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
176	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
177	No Messages	No Messages
179	No Messages	No Messages

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Frame	ErrMsg	WarnMsg
179	No Messages	No Messages
179	No Messages	No Messages
179	No Messages	No Messages
179	No Messages	No Messages
179	No Messages	No Messages
179	No Messages	No Messages
179	No Messages	No Messages
179	No Messages	No Messages
180	No Messages	No Messages
180	No Messages	No Messages
180	No Messages	No Messages
180	No Messages	No Messages
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180	No Messages	No Messages
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181	No Messages	No Messages
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181	No Messages	No Messages
181	No Messages	No Messages
181	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
182	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
183	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
185	No Messages	No Messages
186	No Messages	No Messages

Table: Concrete Design 1 - Column Summary Data - ACI 318-14, Part 3 of 3

Frame	ErrMsg	WarnMsg
186	No Messages	No Messages
186	No Messages	No Messages
186	No Messages	No Messages
186	No Messages	No Messages
186	No Messages	No Messages
186	No Messages	No Messages
186	No Messages	No Messages
186	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages
187	No Messages	No Messages