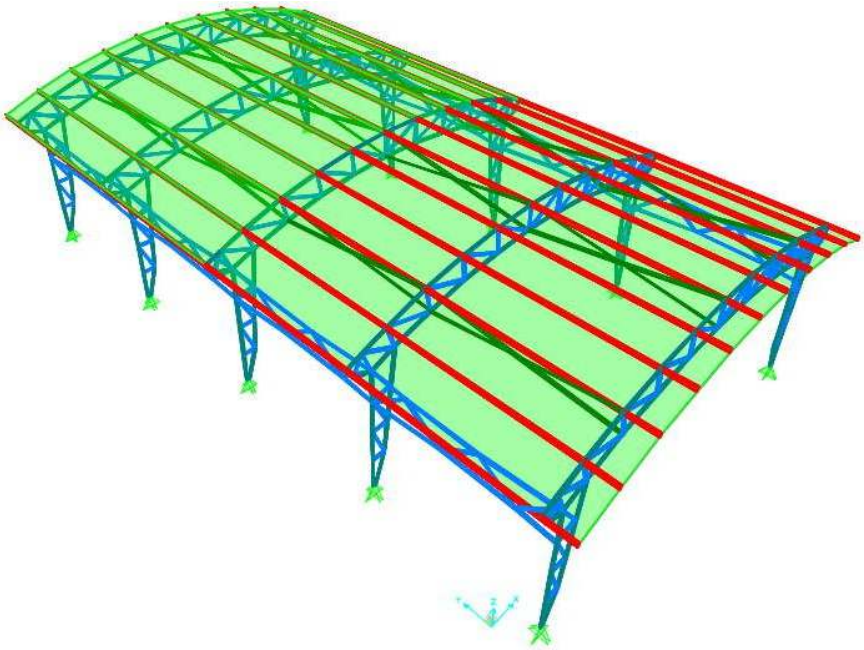
MEMORIA DE CÁLCULO DE UNA CUBIERTA METALICA PARA CANCHA

MUNICIPIO DE TURBACO
DEPARTAMENTO DE BOLIVAR



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ING CIVIL
TP:22202-391716COR

SINCELEJO– SUCRE

DESCRIPCION DEL PROYECTO:

A continuación se presentan las memorias de cálculos estructurales de una cubierta metálica para cancha, ubicada en el municipio de Turbaco departamento de Bolivar.

El sistema estructural es de pórticos de acero armados en forma de celosía, apoyados sobre pedestales en concreto, los cuales son los responsables de transmitir las cargas a la cimentación. Se emplearon contrapesos en unas de las partes de la cimentación para disminuir la excentricidad producida por las cargas.

A la estructura se le hizo el análisis sísmico y de viento cumpliendo con las especificaciones de la NSR 10, así como todos los cálculos estructurales. Para el análisis y diseño estructural se usaron los siguientes programas bajo las consideraciones de la norma Colombiana:

- Safe
- SAP 2000

A continuación se detalla el procedimiento realizado, y los resultados obtenidos del análisis y diseño estructural.

DISEÑO ESTRUCTURAL

Todo el análisis y diseño de la estructura se realizará con concreto de 21 Mpa (3000 PSI), el acero para los cálculos es de 420 MPa (60.000 PSI) y los pórticos de acero estructural cumpliendo con la norma ASTM-A500 Fy=3500 Kg/cm². El diseño estructural se realizó con los pasos mostrados el capítulo A de la NSR 10, el cual indica el "*procedimiento de diseño y construcción*", específicamente en el artículo A.1.3.4 que hace parte del diseño estructural. Los pasos a seguir son los siguientes:

PASO 1: Predimensionamiento y Coordinación con los otros profesionales:

El sistema estructural a usar es de pórticos de acero armados en forma de celosía, apoyados sobre pedestales en concreto. Los pedestales se predimensionan, de acuerdo a las distancias entre ellas y las solicitaciones de cargas a soportar.

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PASO 2: EVALUACIÓN DE LAS SOLICITACIONES DEFINITIVAS:

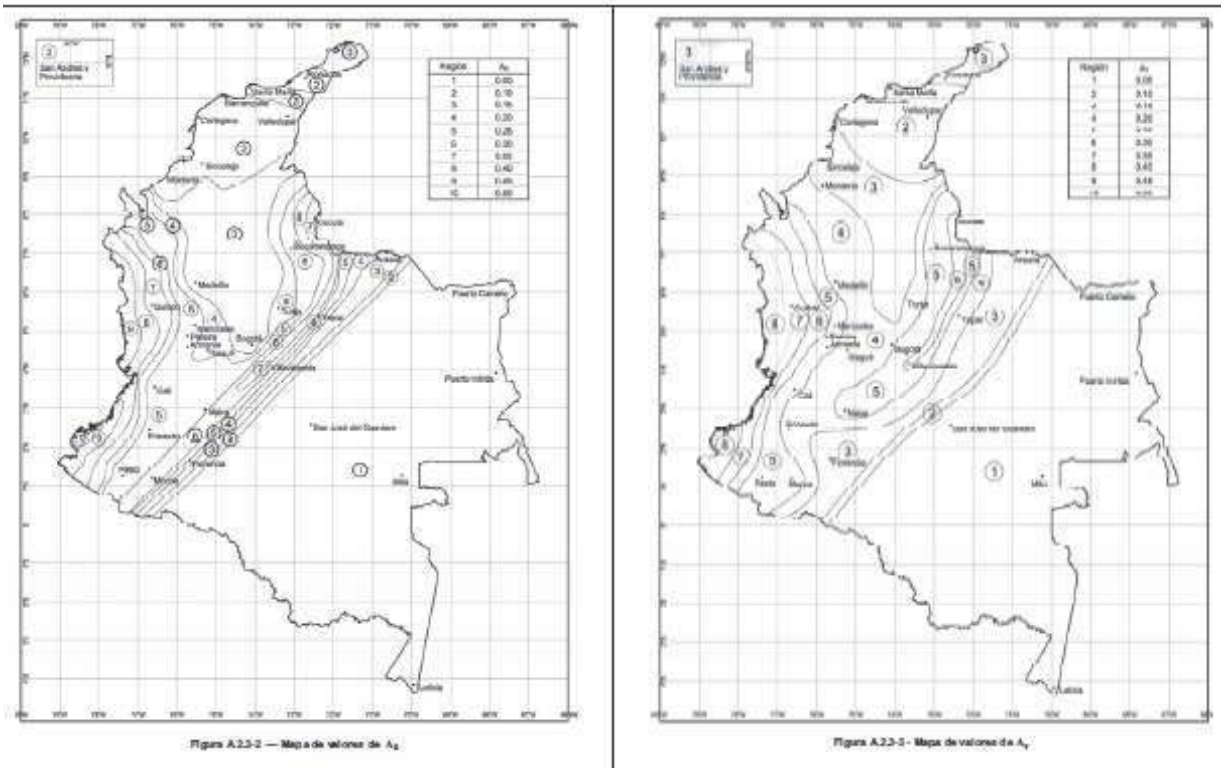
Con las dimensiones de los elementos de la estructura definida como resultado del paso número 1, se evalúan ahora todas las solicitaciones que pueden afectar la edificación de acuerdo a los requisitos del título B de la NSR 10. La masa de la edificación se determina con la carga muerta que se presenta en el avaluó de carga.

PASO 3, 4, 5, 6, 7 y 8: OBTENCION DEL NIVEL DE AMENAZA SISMICA Y EL VALOR Aa y Av, MOVIMIENTOS SÍSMICOS DE DISEÑO, CARACTERISTICAS DE LA ESTRUCTURACION Y DEL MATERIAL ESTRUCTURAL EMPLEADO, GRADO DE IRREGULARIDAD Y PROCEDIMIENTO DE ANÁLISIS, Y ANÁLISIS SISMICO DE LA ESTRUCTURA:

Este paso consiste en localizar el lugar donde se construirá la edificación dentro de los mapas de zonificación sísmica dados en el capítulo A.2 del reglamento y en determinar el nivel de amenaza sísmica del lugar, de acuerdo al valor del parámetro Aa obtenido en los mapas. Como la edificación en estudio se encuentra en el Municipio de Turbaco en el Departamento de Bolivar, los datos obtenidos de la norma son:



De la figura A.2.3-1 El nivel de amenaza sísmico se clasifica como Baja.



De las figuras A.2.3-2 y A.2.3-3, y de la tabla A.2.3-2 de la NSR 10, el municipio de Turbaco tiene el Aa es de 0.10 y el Av de 0.10b. El perfil de Suelo según el estudio Geotécnico es D.

Se definen unos movimientos sísmicos de diseño en el lugar de la estructura, tomado los parámetros anteriores, que se muestran la hoja de cálculo a continuación. De igual forma se realizó el chequeo de las irregularidades.

Desde este paso se hará el análisis estructural, para verificar que las derivas presentadas en la estructura, cumplan con lo requerido por la NSR 10, que debe ser, para el caso del sistema de pórticos estructurales, menor del 1% de la altura libre.

Con ese mismo análisis, si cumplen los elementos que fueron prediseñados, se presentaran, las fuerzas internas de cada elemento, que se utilizaran posteriormente para el diseño definitivo estructural.

PASO 9: DESPLAZAMIENTOS HORIZONTALES

En las tablas arrojadas por el programa, se observan todos los datos que se presentaron en la estructura, con las cargas aplicadas. Se utilizó como referencia los procedimientos dados en el capítulo A.6. Entre estas tablas está el de los desplazamientos horizontales de los nodos, que en el siguiente paso de indica cómo se chequea que estos estén dentro de lo permitido por la NSR 10, el cual se hará en el paso 10.

PASO 10: VERIFICACIÓN DE DERIVAS:

El chequeo de derivas, se hace con la tabla de los desplazamientos de los nodos, teniendo en cuenta que no debe ser mayor del 1% de la luz libre de la altura, como se indica en el capítulo A.6 de la NSR 10, por lo que se puede concluir de los resultados, que la parte de las derivas se cumple sin ningún problema.

La tabla de los desplazamientos horizontales, y por lo tanto el de las derivas se muestran en los anexos de el presente informe

PASO 11: COMBINACION DE LAS DIFERENTES SOLICITACIONES:

Se tienen en cuenta las diferentes combinaciones que están en el capítulo B.2 del reglamento, para obtener las fuerzas internas de diseño de la estructura.

Para el diseño de los elementos definitivos, el efecto causado por el sismo, tiene en cuenta la capacidad de disipación de energía del sistema estructural, lo cual se logra empleando unos efectos sísmicos reducidos de diseño, E, obtenido dividiendo la fuerza sísmica que se determinó anteriormente, con el coeficiente de capacidad de disipación de energía R.

PASO 12: DISEÑO DE LOS ELEMENTOS ESTRUCTURALES:

Se lleva a cabo de acuerdo con los requisitos propios del sistema de resistencia sísmica y del material estructural utilizado. La parte del diseño, se muestra como se había indicado al principio de este documento, en unas hojas resultantes de los diferentes programas utilizados, que trabajan con los momentos y fuerzas cortantes, obtenidas en el análisis que se realizó con el uso de las diferentes combinaciones.

Los resultados se muestran en los anexos del presente informe.

ANÁLISIS DE CARGA

Carga muerta:

El peso propio de la estructura será determinado por el mismo software de análisis.

-Ductos mecánicos: 20 kgr/m².

-Cubierta termoacustica: 5.6 kgr/m².

∑→ 25.6 kgr/m².

Carga viva:

La carga viva está dada por la B.4.2.1-2 de la NSR-10.

Tabla B.4.2.1-2
Cargas vivas mínimas en cubiertas

Tipo de cubierta	*Carga uniforme* (kN/m^2) *m^2 de área en planta*	*Carga uniforme* (kgf/m^2) *m^2 de área en planta*
Cubiertas, Azoteas y Terrazas	la misma del resto de la edificación (Nota-1)	la misma del resto de la edificación (Nota-1)
Cubiertas usadas para jardines de cubierta o para reuniones	5.00	500
Cubiertas inclinadas con más de 15° de pendiente en estructura metálica o de madera con imposibilidad física de verse sometidas a cargas superiores a la aquí estipulada	0.35	35
Cubiertas inclinadas con pendiente de 15° o menos en estructura metálica o de madera con imposibilidad física de verse sometidas a cargas superiores a la aquí estipulada	0.50	50

Como la cubierta presenta una inclinación con más de 15°, la carga viva será de 35 kgr/m².

Carga de sismo:

Parámetros sísmicos:

Effective peak acceleration, Aa ..... = 0.10
Effective peak velocity coeff, Av .....= 0.10
Importance coefficient, I .....= 1.00
Site profile type, S ..... = E
Amplification coefficient, Fa ..... = 1.60
Amplification coefficient, Fv.....= 2.20
Long-period transition period, Tl (sec) .....= 5.28

Amplified peak acceleration Aa Fa..... = 0.16
Amplified peak veloc. coefficent Av Fv .... = 0.33
Building Weight, W, (ton).....= 41
Zona de amenaza sismica... .....= Intermedia

	X - DIRECTION	Y - DIRECTION
Øp... .....=	1.0	1.0
Øa... .....=	1.0	1.0
Ør... .....=	1	1
Period, T (sec)=	0.42	0.42
1.2*Av*Fv*I/T =	0.95	0.95
2.5*Aa*Fa*I =	0.4	0.4
Sa .....=	0.4	0.4

ACCIDENTAL TORSION

	X-direction	Y-direction
Accidental eccentricity as a percentage of building dimension, (%)=	5	5

ASIGNACIONES DE LAS CARGAS SISMICA POR NODO:

Table: Auto Seismic - User Coefficient, Part 1 of 2

Table: Auto Seismic - User Coefficient, Part 1 of 2

LoadPat	Dir	PercentEcc	EccOverride	UserZ	C	K	WeightUsed
							Kgf
SX	X	0.050000	No	No	0.400000	1.000000	6461.91
SY	Y	0.050000	No	No	0.400000	1.000000	6461.91

Table: Auto Seismic - User Coefficient, Part 2 of 2

Table: Auto Seismic - User Coefficient, Part 2 of 2

LoadPat	BaseShear
	Kgf
SX	2584.76
SY	2584.76

Table: Auto Seismic Loads To Joints, Part 1 of 1

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	253	1	4.19	0.00	0.00	0.00
SX	USER COEFF	1	2	3.73	0.00	0.00	0.00
SX	USER COEFF	2	3	2.03	0.00	0.00	0.00
SX	USER COEFF	3	4	1.93	0.00	0.00	0.00
SX	USER COEFF	254	5	4.93	0.00	0.00	0.00
SX	USER COEFF	4	6	3.73	0.00	0.00	0.00
SX	USER COEFF	5	7	2.03	0.00	0.00	0.00
SX	USER COEFF	6	8	1.93	0.00	0.00	0.00
SX	USER COEFF	7	9	11.98	0.00	0.00	0.00
SX	USER COEFF	8	10	1.83	0.00	0.00	0.00
SX	USER COEFF	9	11	7.73	0.00	0.00	0.00
SX	USER COEFF	10	12	5.81	0.00	0.00	0.00
SX	USER COEFF	11	13	10.54	0.00	0.00	0.00
SX	USER COEFF	12	14	6.07	0.00	0.00	0.00
SX	USER COEFF	13	15	6.25	0.00	0.00	0.00
SX	USER COEFF	14	16	13.31	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	15	17	6.25	0.00	0.00	0.00
SX	USER COEFF	16	18	6.07	0.00	0.00	0.00
SX	USER COEFF	17	19	10.54	0.00	0.00	0.00
SX	USER COEFF	18	20	5.80	0.00	0.00	0.00
SX	USER COEFF	19	21	7.73	0.00	0.00	0.00
SX	USER COEFF	20	22	1.83	0.00	0.00	0.00
SX	USER COEFF	21	23	11.99	0.00	0.00	0.00
SX	USER COEFF	22	24	4.61	0.00	0.00	0.00
SX	USER COEFF	23	25	17.56	0.00	0.00	0.00
SX	USER COEFF	24	26	25.16	0.00	0.00	0.00
SX	USER COEFF	25	27	20.50	0.00	0.00	0.00
SX	USER COEFF	26	28	21.06	0.00	0.00	0.00
SX	USER COEFF	27	29	25.25	0.00	0.00	0.00
SX	USER COEFF	28	30	21.06	0.00	0.00	0.00
SX	USER COEFF	29	31	20.50	0.00	0.00	0.00
SX	USER COEFF	30	32	25.16	0.00	0.00	0.00
SX	USER COEFF	31	33	17.57	0.00	0.00	0.00
SX	USER COEFF	32	34	4.61	0.00	0.00	0.00
SX	USER COEFF	33	35	0.95	0.00	0.00	0.00
SX	USER COEFF	34	36	0.68	0.00	0.00	0.00
SX	USER COEFF	35	37	0.95	0.00	0.00	0.00
SX	USER COEFF	36	38	0.68	0.00	0.00	0.00
SX	USER COEFF	239	43	3.33	0.00	0.00	0.00
SX	USER COEFF	167	44	6.16	0.00	0.00	0.00
SX	USER COEFF	168	45	2.03	0.00	0.00	0.00
SX	USER COEFF	169	46	1.93	0.00	0.00	0.00
SX	USER COEFF	240	47	3.33	0.00	0.00	0.00
SX	USER COEFF	170	48	6.16	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	171	49	2.03	0.00	0.00	0.00
SX	USER COEFF	172	50	1.93	0.00	0.00	0.00
SX	USER COEFF	41	51	19.88	0.00	0.00	0.00
SX	USER COEFF	42	52	1.83	0.00	0.00	0.00
SX	USER COEFF	43	53	8.70	0.00	0.00	0.00
SX	USER COEFF	44	54	5.81	0.00	0.00	0.00
SX	USER COEFF	45	55	15.32	0.00	0.00	0.00
SX	USER COEFF	46	56	6.07	0.00	0.00	0.00
SX	USER COEFF	47	57	6.25	0.00	0.00	0.00
SX	USER COEFF	48	58	18.54	0.00	0.00	0.00
SX	USER COEFF	49	59	6.25	0.00	0.00	0.00
SX	USER COEFF	50	60	6.07	0.00	0.00	0.00
SX	USER COEFF	51	61	15.32	0.00	0.00	0.00
SX	USER COEFF	52	62	5.80	0.00	0.00	0.00
SX	USER COEFF	53	63	8.70	0.00	0.00	0.00
SX	USER COEFF	54	64	1.83	0.00	0.00	0.00
SX	USER COEFF	55	65	19.88	0.00	0.00	0.00
SX	USER COEFF	56	66	4.61	0.00	0.00	0.00
SX	USER COEFF	57	67	26.23	0.00	0.00	0.00
SX	USER COEFF	58	68	40.01	0.00	0.00	0.00
SX	USER COEFF	59	69	30.22	0.00	0.00	0.00
SX	USER COEFF	60	70	31.04	0.00	0.00	0.00
SX	USER COEFF	61	71	41.37	0.00	0.00	0.00
SX	USER COEFF	62	72	31.04	0.00	0.00	0.00
SX	USER COEFF	63	73	30.22	0.00	0.00	0.00
SX	USER COEFF	64	74	40.01	0.00	0.00	0.00
SX	USER COEFF	65	75	26.24	0.00	0.00	0.00
SX	USER COEFF	66	76	4.61	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	173	77	0.95	0.00	0.00	0.00
SX	USER COEFF	174	78	0.68	0.00	0.00	0.00
SX	USER COEFF	175	79	0.95	0.00	0.00	0.00
SX	USER COEFF	176	80	0.68	0.00	0.00	0.00
SX	USER COEFF	255	85	6.00	0.00	0.00	0.00
SX	USER COEFF	256	86	4.19	0.00	0.00	0.00
SX	USER COEFF	257	87	4.93	0.00	0.00	0.00
SX	USER COEFF	258	88	5.25	0.00	0.00	0.00
SX	USER COEFF	259	89	5.25	0.00	0.00	0.00
SX	USER COEFF	260	90	6.00	0.00	0.00	0.00
SX	USER COEFF	261	91	4.19	0.00	0.00	0.00
SX	USER COEFF	181	92	6.16	0.00	0.00	0.00
SX	USER COEFF	67	93	19.88	0.00	0.00	0.00
SX	USER COEFF	68	94	1.83	0.00	0.00	0.00
SX	USER COEFF	69	95	8.70	0.00	0.00	0.00
SX	USER COEFF	70	96	5.81	0.00	0.00	0.00
SX	USER COEFF	71	97	15.32	0.00	0.00	0.00
SX	USER COEFF	72	98	6.07	0.00	0.00	0.00
SX	USER COEFF	73	99	6.25	0.00	0.00	0.00
SX	USER COEFF	74	100	18.54	0.00	0.00	0.00
SX	USER COEFF	75	101	6.25	0.00	0.00	0.00
SX	USER COEFF	76	102	6.07	0.00	0.00	0.00
SX	USER COEFF	77	103	15.32	0.00	0.00	0.00
SX	USER COEFF	78	104	5.80	0.00	0.00	0.00
SX	USER COEFF	79	105	8.70	0.00	0.00	0.00
SX	USER COEFF	80	106	1.83	0.00	0.00	0.00
SX	USER COEFF	81	107	19.88	0.00	0.00	0.00
SX	USER COEFF	82	108	4.61	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	83	109	26.23	0.00	0.00	0.00
SX	USER COEFF	84	110	40.01	0.00	0.00	0.00
SX	USER COEFF	85	111	30.22	0.00	0.00	0.00
SX	USER COEFF	86	112	31.04	0.00	0.00	0.00
SX	USER COEFF	87	113	41.37	0.00	0.00	0.00
SX	USER COEFF	88	114	31.04	0.00	0.00	0.00
SX	USER COEFF	89	115	30.22	0.00	0.00	0.00
SX	USER COEFF	90	116	40.01	0.00	0.00	0.00
SX	USER COEFF	91	117	26.24	0.00	0.00	0.00
SX	USER COEFF	92	118	4.61	0.00	0.00	0.00
SX	USER COEFF	182	119	2.03	0.00	0.00	0.00
SX	USER COEFF	183	120	1.93	0.00	0.00	0.00
SX	USER COEFF	262	121	4.93	0.00	0.00	0.00
SX	USER COEFF	184	122	6.16	0.00	0.00	0.00
SX	USER COEFF	185	123	2.03	0.00	0.00	0.00
SX	USER COEFF	186	124	1.93	0.00	0.00	0.00
SX	USER COEFF	187	125	0.95	0.00	0.00	0.00
SX	USER COEFF	188	126	0.68	0.00	0.00	0.00
SX	USER COEFF	189	127	0.95	0.00	0.00	0.00
SX	USER COEFF	190	128	0.68	0.00	0.00	0.00
SX	USER COEFF	263	133	6.00	0.00	0.00	0.00
SX	USER COEFF	264	134	4.19	0.00	0.00	0.00
SX	USER COEFF	93	135	19.88	0.00	0.00	0.00
SX	USER COEFF	94	136	1.83	0.00	0.00	0.00
SX	USER COEFF	95	137	8.70	0.00	0.00	0.00
SX	USER COEFF	96	138	5.81	0.00	0.00	0.00
SX	USER COEFF	97	139	15.32	0.00	0.00	0.00
SX	USER COEFF	98	140	6.07	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	99	141	6.25	0.00	0.00	0.00
SX	USER COEFF	100	142	18.54	0.00	0.00	0.00
SX	USER COEFF	101	143	6.25	0.00	0.00	0.00
SX	USER COEFF	102	144	6.07	0.00	0.00	0.00
SX	USER COEFF	103	145	15.32	0.00	0.00	0.00
SX	USER COEFF	104	146	5.80	0.00	0.00	0.00
SX	USER COEFF	105	147	8.70	0.00	0.00	0.00
SX	USER COEFF	106	148	1.83	0.00	0.00	0.00
SX	USER COEFF	107	149	19.88	0.00	0.00	0.00
SX	USER COEFF	108	150	4.61	0.00	0.00	0.00
SX	USER COEFF	109	151	26.23	0.00	0.00	0.00
SX	USER COEFF	110	152	40.01	0.00	0.00	0.00
SX	USER COEFF	111	153	30.22	0.00	0.00	0.00
SX	USER COEFF	112	154	31.04	0.00	0.00	0.00
SX	USER COEFF	113	155	41.37	0.00	0.00	0.00
SX	USER COEFF	114	156	31.04	0.00	0.00	0.00
SX	USER COEFF	115	157	30.22	0.00	0.00	0.00
SX	USER COEFF	116	158	40.01	0.00	0.00	0.00
SX	USER COEFF	117	159	26.24	0.00	0.00	0.00
SX	USER COEFF	118	160	4.61	0.00	0.00	0.00
SX	USER COEFF	265	161	4.93	0.00	0.00	0.00
SX	USER COEFF	266	162	5.25	0.00	0.00	0.00
SX	USER COEFF	267	163	5.25	0.00	0.00	0.00
SX	USER COEFF	268	164	6.00	0.00	0.00	0.00
SX	USER COEFF	269	165	4.19	0.00	0.00	0.00
SX	USER COEFF	195	166	6.16	0.00	0.00	0.00
SX	USER COEFF	196	167	2.03	0.00	0.00	0.00
SX	USER COEFF	197	168	1.93	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	270	169	4.93	0.00	0.00	0.00
SX	USER COEFF	198	170	6.16	0.00	0.00	0.00
SX	USER COEFF	199	171	2.03	0.00	0.00	0.00
SX	USER COEFF	200	172	1.93	0.00	0.00	0.00
SX	USER COEFF	201	173	0.95	0.00	0.00	0.00
SX	USER COEFF	202	174	0.68	0.00	0.00	0.00
SX	USER COEFF	203	175	0.95	0.00	0.00	0.00
SX	USER COEFF	204	176	0.68	0.00	0.00	0.00
SX	USER COEFF	119	177	11.98	0.00	0.00	0.00
SX	USER COEFF	120	178	1.83	0.00	0.00	0.00
SX	USER COEFF	121	179	5.48	0.00	0.00	0.00
SX	USER COEFF	122	180	5.81	0.00	0.00	0.00
SX	USER COEFF	123	181	10.54	0.00	0.00	0.00
SX	USER COEFF	124	182	6.07	0.00	0.00	0.00
SX	USER COEFF	125	183	6.25	0.00	0.00	0.00
SX	USER COEFF	126	184	13.31	0.00	0.00	0.00
SX	USER COEFF	127	185	6.25	0.00	0.00	0.00
SX	USER COEFF	128	186	6.07	0.00	0.00	0.00
SX	USER COEFF	129	187	10.54	0.00	0.00	0.00
SX	USER COEFF	130	188	5.80	0.00	0.00	0.00
SX	USER COEFF	131	189	5.48	0.00	0.00	0.00
SX	USER COEFF	132	190	1.83	0.00	0.00	0.00
SX	USER COEFF	133	191	11.99	0.00	0.00	0.00
SX	USER COEFF	134	192	4.61	0.00	0.00	0.00
SX	USER COEFF	135	193	17.56	0.00	0.00	0.00
SX	USER COEFF	136	194	25.16	0.00	0.00	0.00
SX	USER COEFF	137	195	20.50	0.00	0.00	0.00
SX	USER COEFF	138	196	21.06	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	139	197	25.25	0.00	0.00	0.00
SX	USER COEFF	140	198	21.06	0.00	0.00	0.00
SX	USER COEFF	141	199	20.50	0.00	0.00	0.00
SX	USER COEFF	142	200	25.16	0.00	0.00	0.00
SX	USER COEFF	143	201	17.57	0.00	0.00	0.00
SX	USER COEFF	144	202	4.61	0.00	0.00	0.00
SX	USER COEFF	271	207	6.00	0.00	0.00	0.00
SX	USER COEFF	272	208	4.19	0.00	0.00	0.00
SX	USER COEFF	273	209	4.93	0.00	0.00	0.00
SX	USER COEFF	274	210	5.25	0.00	0.00	0.00
SX	USER COEFF	145	211	1.44	0.00	0.00	0.00
SX	USER COEFF	146	212	1.44	0.00	0.00	0.00
SX	USER COEFF	147	213	1.58	0.00	0.00	0.00
SX	USER COEFF	148	214	1.69	0.00	0.00	0.00
SX	USER COEFF	149	215	1.77	0.00	0.00	0.00
SX	USER COEFF	150	216	1.81	0.00	0.00	0.00
SX	USER COEFF	151	217	1.83	0.00	0.00	0.00
SX	USER COEFF	152	218	1.81	0.00	0.00	0.00
SX	USER COEFF	153	219	1.77	0.00	0.00	0.00
SX	USER COEFF	154	220	1.69	0.00	0.00	0.00
SX	USER COEFF	155	221	1.58	0.00	0.00	0.00
SX	USER COEFF	156	222	1.44	0.00	0.00	0.00
SX	USER COEFF	157	223	1.44	0.00	0.00	0.00
SX	USER COEFF	158	224	1.58	0.00	0.00	0.00
SX	USER COEFF	159	225	1.69	0.00	0.00	0.00
SX	USER COEFF	160	226	1.77	0.00	0.00	0.00
SX	USER COEFF	161	227	1.81	0.00	0.00	0.00
SX	USER COEFF	162	228	1.83	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	163	229	1.81	0.00	0.00	0.00
SX	USER COEFF	164	230	1.77	0.00	0.00	0.00
SX	USER COEFF	165	231	1.69	0.00	0.00	0.00
SX	USER COEFF	166	232	1.58	0.00	0.00	0.00
SX	USER COEFF	275	233	5.25	0.00	0.00	0.00
SX	USER COEFF	276	234	6.00	0.00	0.00	0.00
SX	USER COEFF	209	242	5.43	0.00	0.00	0.00
SX	USER COEFF	210	243	2.03	0.00	0.00	0.00
SX	USER COEFF	211	244	1.93	0.00	0.00	0.00
SX	USER COEFF	212	246	5.43	0.00	0.00	0.00
SX	USER COEFF	213	247	2.03	0.00	0.00	0.00
SX	USER COEFF	214	248	1.93	0.00	0.00	0.00
SX	USER COEFF	215	249	0.95	0.00	0.00	0.00
SX	USER COEFF	216	250	0.68	0.00	0.00	0.00
SX	USER COEFF	217	251	0.95	0.00	0.00	0.00
SX	USER COEFF	218	252	0.68	0.00	0.00	0.00
SX	USER COEFF	241	267	3.33	0.00	0.00	0.00
SX	USER COEFF	242	268	3.33	0.00	0.00	0.00
SX	USER COEFF	223	269	20.71	0.00	0.00	0.00
SX	USER COEFF	224	270	20.71	0.00	0.00	0.00
SX	USER COEFF	225	271	20.71	0.00	0.00	0.00
SX	USER COEFF	226	272	20.71	0.00	0.00	0.00
SX	USER COEFF	227	273	22.56	0.00	0.00	0.00
SX	USER COEFF	228	274	22.56	0.00	0.00	0.00
SX	USER COEFF	229	275	22.56	0.00	0.00	0.00
SX	USER COEFF	230	276	22.56	0.00	0.00	0.00
SX	USER COEFF	231	277	20.71	0.00	0.00	0.00
SX	USER COEFF	232	278	20.71	0.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SX	USER COEFF	233	279	20.71	0.00	0.00	0.00
SX	USER COEFF	234	280	20.71	0.00	0.00	0.00
SX	USER COEFF	243	281	3.33	0.00	0.00	0.00
SX	USER COEFF	244	282	3.33	0.00	0.00	0.00
SX	USER COEFF	245	283	3.33	0.00	0.00	0.00
SX	USER COEFF	246	284	3.33	0.00	0.00	0.00
SX	USER COEFF	247	285	3.33	0.00	0.00	0.00
SX	USER COEFF	248	286	3.33	0.00	0.00	0.00
SX	USER COEFF	249	287	4.19	0.00	0.00	0.00
SX	USER COEFF	250	288	4.93	0.00	0.00	0.00
SX	USER COEFF	251	289	6.00	0.00	0.00	0.00
SX	USER COEFF	252	290	5.25	0.00	0.00	0.00
SX	USER COEFF	235	335	4.19	0.00	0.00	0.00
SX	USER COEFF	236	346	4.93	0.00	0.00	0.00
SX	USER COEFF	237	348	5.25	0.00	0.00	0.00
SX	USER COEFF	238	349	6.00	0.00	0.00	0.00
SY	USER COEFF	253	1	0.00	4.19	0.00	0.00
SY	USER COEFF	1	2	0.00	3.73	0.00	0.00
SY	USER COEFF	2	3	0.00	2.03	0.00	0.00
SY	USER COEFF	3	4	0.00	1.93	0.00	0.00
SY	USER COEFF	254	5	0.00	4.93	0.00	0.00
SY	USER COEFF	4	6	0.00	3.73	0.00	0.00
SY	USER COEFF	5	7	0.00	2.03	0.00	0.00
SY	USER COEFF	6	8	0.00	1.93	0.00	0.00
SY	USER COEFF	7	9	0.00	11.98	0.00	0.00
SY	USER COEFF	8	10	0.00	1.83	0.00	0.00
SY	USER COEFF	9	11	0.00	7.73	0.00	0.00
SY	USER COEFF	10	12	0.00	5.81	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	11	13	0.00	10.54	0.00	0.00
SY	USER COEFF	12	14	0.00	6.07	0.00	0.00
SY	USER COEFF	13	15	0.00	6.25	0.00	0.00
SY	USER COEFF	14	16	0.00	13.31	0.00	0.00
SY	USER COEFF	15	17	0.00	6.25	0.00	0.00
SY	USER COEFF	16	18	0.00	6.07	0.00	0.00
SY	USER COEFF	17	19	0.00	10.54	0.00	0.00
SY	USER COEFF	18	20	0.00	5.80	0.00	0.00
SY	USER COEFF	19	21	0.00	7.73	0.00	0.00
SY	USER COEFF	20	22	0.00	1.83	0.00	0.00
SY	USER COEFF	21	23	0.00	11.99	0.00	0.00
SY	USER COEFF	22	24	0.00	4.61	0.00	0.00
SY	USER COEFF	23	25	0.00	17.56	0.00	0.00
SY	USER COEFF	24	26	0.00	25.16	0.00	0.00
SY	USER COEFF	25	27	0.00	20.50	0.00	0.00
SY	USER COEFF	26	28	0.00	21.06	0.00	0.00
SY	USER COEFF	27	29	0.00	25.25	0.00	0.00
SY	USER COEFF	28	30	0.00	21.06	0.00	0.00
SY	USER COEFF	29	31	0.00	20.50	0.00	0.00
SY	USER COEFF	30	32	0.00	25.16	0.00	0.00
SY	USER COEFF	31	33	0.00	17.57	0.00	0.00
SY	USER COEFF	32	34	0.00	4.61	0.00	0.00
SY	USER COEFF	33	35	0.00	0.95	0.00	0.00
SY	USER COEFF	34	36	0.00	0.68	0.00	0.00
SY	USER COEFF	35	37	0.00	0.95	0.00	0.00
SY	USER COEFF	36	38	0.00	0.68	0.00	0.00
SY	USER COEFF	239	43	0.00	3.33	0.00	0.00
SY	USER COEFF	167	44	0.00	6.16	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	168	45	0.00	2.03	0.00	0.00
SY	USER COEFF	169	46	0.00	1.93	0.00	0.00
SY	USER COEFF	240	47	0.00	3.33	0.00	0.00
SY	USER COEFF	170	48	0.00	6.16	0.00	0.00
SY	USER COEFF	171	49	0.00	2.03	0.00	0.00
SY	USER COEFF	172	50	0.00	1.93	0.00	0.00
SY	USER COEFF	41	51	0.00	19.88	0.00	0.00
SY	USER COEFF	42	52	0.00	1.83	0.00	0.00
SY	USER COEFF	43	53	0.00	8.70	0.00	0.00
SY	USER COEFF	44	54	0.00	5.81	0.00	0.00
SY	USER COEFF	45	55	0.00	15.32	0.00	0.00
SY	USER COEFF	46	56	0.00	6.07	0.00	0.00
SY	USER COEFF	47	57	0.00	6.25	0.00	0.00
SY	USER COEFF	48	58	0.00	18.54	0.00	0.00
SY	USER COEFF	49	59	0.00	6.25	0.00	0.00
SY	USER COEFF	50	60	0.00	6.07	0.00	0.00
SY	USER COEFF	51	61	0.00	15.32	0.00	0.00
SY	USER COEFF	52	62	0.00	5.80	0.00	0.00
SY	USER COEFF	53	63	0.00	8.70	0.00	0.00
SY	USER COEFF	54	64	0.00	1.83	0.00	0.00
SY	USER COEFF	55	65	0.00	19.88	0.00	0.00
SY	USER COEFF	56	66	0.00	4.61	0.00	0.00
SY	USER COEFF	57	67	0.00	26.23	0.00	0.00
SY	USER COEFF	58	68	0.00	40.01	0.00	0.00
SY	USER COEFF	59	69	0.00	30.22	0.00	0.00
SY	USER COEFF	60	70	0.00	31.04	0.00	0.00
SY	USER COEFF	61	71	0.00	41.37	0.00	0.00
SY	USER COEFF	62	72	0.00	31.04	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	63	73	0.00	30.22	0.00	0.00
SY	USER COEFF	64	74	0.00	40.01	0.00	0.00
SY	USER COEFF	65	75	0.00	26.24	0.00	0.00
SY	USER COEFF	66	76	0.00	4.61	0.00	0.00
SY	USER COEFF	173	77	0.00	0.95	0.00	0.00
SY	USER COEFF	174	78	0.00	0.68	0.00	0.00
SY	USER COEFF	175	79	0.00	0.95	0.00	0.00
SY	USER COEFF	176	80	0.00	0.68	0.00	0.00
SY	USER COEFF	255	85	0.00	6.00	0.00	0.00
SY	USER COEFF	256	86	0.00	4.19	0.00	0.00
SY	USER COEFF	257	87	0.00	4.93	0.00	0.00
SY	USER COEFF	258	88	0.00	5.25	0.00	0.00
SY	USER COEFF	259	89	0.00	5.25	0.00	0.00
SY	USER COEFF	260	90	0.00	6.00	0.00	0.00
SY	USER COEFF	261	91	0.00	4.19	0.00	0.00
SY	USER COEFF	181	92	0.00	6.16	0.00	0.00
SY	USER COEFF	67	93	0.00	19.88	0.00	0.00
SY	USER COEFF	68	94	0.00	1.83	0.00	0.00
SY	USER COEFF	69	95	0.00	8.70	0.00	0.00
SY	USER COEFF	70	96	0.00	5.81	0.00	0.00
SY	USER COEFF	71	97	0.00	15.32	0.00	0.00
SY	USER COEFF	72	98	0.00	6.07	0.00	0.00
SY	USER COEFF	73	99	0.00	6.25	0.00	0.00
SY	USER COEFF	74	100	0.00	18.54	0.00	0.00
SY	USER COEFF	75	101	0.00	6.25	0.00	0.00
SY	USER COEFF	76	102	0.00	6.07	0.00	0.00
SY	USER COEFF	77	103	0.00	15.32	0.00	0.00
SY	USER COEFF	78	104	0.00	5.80	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	79	105	0.00	8.70	0.00	0.00
SY	USER COEFF	80	106	0.00	1.83	0.00	0.00
SY	USER COEFF	81	107	0.00	19.88	0.00	0.00
SY	USER COEFF	82	108	0.00	4.61	0.00	0.00
SY	USER COEFF	83	109	0.00	26.23	0.00	0.00
SY	USER COEFF	84	110	0.00	40.01	0.00	0.00
SY	USER COEFF	85	111	0.00	30.22	0.00	0.00
SY	USER COEFF	86	112	0.00	31.04	0.00	0.00
SY	USER COEFF	87	113	0.00	41.37	0.00	0.00
SY	USER COEFF	88	114	0.00	31.04	0.00	0.00
SY	USER COEFF	89	115	0.00	30.22	0.00	0.00
SY	USER COEFF	90	116	0.00	40.01	0.00	0.00
SY	USER COEFF	91	117	0.00	26.24	0.00	0.00
SY	USER COEFF	92	118	0.00	4.61	0.00	0.00
SY	USER COEFF	182	119	0.00	2.03	0.00	0.00
SY	USER COEFF	183	120	0.00	1.93	0.00	0.00
SY	USER COEFF	262	121	0.00	4.93	0.00	0.00
SY	USER COEFF	184	122	0.00	6.16	0.00	0.00
SY	USER COEFF	185	123	0.00	2.03	0.00	0.00
SY	USER COEFF	186	124	0.00	1.93	0.00	0.00
SY	USER COEFF	187	125	0.00	0.95	0.00	0.00
SY	USER COEFF	188	126	0.00	0.68	0.00	0.00
SY	USER COEFF	189	127	0.00	0.95	0.00	0.00
SY	USER COEFF	190	128	0.00	0.68	0.00	0.00
SY	USER COEFF	263	133	0.00	6.00	0.00	0.00
SY	USER COEFF	264	134	0.00	4.19	0.00	0.00
SY	USER COEFF	93	135	0.00	19.88	0.00	0.00
SY	USER COEFF	94	136	0.00	1.83	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	95	137	0.00	8.70	0.00	0.00
SY	USER COEFF	96	138	0.00	5.81	0.00	0.00
SY	USER COEFF	97	139	0.00	15.32	0.00	0.00
SY	USER COEFF	98	140	0.00	6.07	0.00	0.00
SY	USER COEFF	99	141	0.00	6.25	0.00	0.00
SY	USER COEFF	100	142	0.00	18.54	0.00	0.00
SY	USER COEFF	101	143	0.00	6.25	0.00	0.00
SY	USER COEFF	102	144	0.00	6.07	0.00	0.00
SY	USER COEFF	103	145	0.00	15.32	0.00	0.00
SY	USER COEFF	104	146	0.00	5.80	0.00	0.00
SY	USER COEFF	105	147	0.00	8.70	0.00	0.00
SY	USER COEFF	106	148	0.00	1.83	0.00	0.00
SY	USER COEFF	107	149	0.00	19.88	0.00	0.00
SY	USER COEFF	108	150	0.00	4.61	0.00	0.00
SY	USER COEFF	109	151	0.00	26.23	0.00	0.00
SY	USER COEFF	110	152	0.00	40.01	0.00	0.00
SY	USER COEFF	111	153	0.00	30.22	0.00	0.00
SY	USER COEFF	112	154	0.00	31.04	0.00	0.00
SY	USER COEFF	113	155	0.00	41.37	0.00	0.00
SY	USER COEFF	114	156	0.00	31.04	0.00	0.00
SY	USER COEFF	115	157	0.00	30.22	0.00	0.00
SY	USER COEFF	116	158	0.00	40.01	0.00	0.00
SY	USER COEFF	117	159	0.00	26.24	0.00	0.00
SY	USER COEFF	118	160	0.00	4.61	0.00	0.00
SY	USER COEFF	265	161	0.00	4.93	0.00	0.00
SY	USER COEFF	266	162	0.00	5.25	0.00	0.00
SY	USER COEFF	267	163	0.00	5.25	0.00	0.00
SY	USER COEFF	268	164	0.00	6.00	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	269	165	0.00	4.19	0.00	0.00
SY	USER COEFF	195	166	0.00	6.16	0.00	0.00
SY	USER COEFF	196	167	0.00	2.03	0.00	0.00
SY	USER COEFF	197	168	0.00	1.93	0.00	0.00
SY	USER COEFF	270	169	0.00	4.93	0.00	0.00
SY	USER COEFF	198	170	0.00	6.16	0.00	0.00
SY	USER COEFF	199	171	0.00	2.03	0.00	0.00
SY	USER COEFF	200	172	0.00	1.93	0.00	0.00
SY	USER COEFF	201	173	0.00	0.95	0.00	0.00
SY	USER COEFF	202	174	0.00	0.68	0.00	0.00
SY	USER COEFF	203	175	0.00	0.95	0.00	0.00
SY	USER COEFF	204	176	0.00	0.68	0.00	0.00
SY	USER COEFF	119	177	0.00	11.98	0.00	0.00
SY	USER COEFF	120	178	0.00	1.83	0.00	0.00
SY	USER COEFF	121	179	0.00	5.48	0.00	0.00
SY	USER COEFF	122	180	0.00	5.81	0.00	0.00
SY	USER COEFF	123	181	0.00	10.54	0.00	0.00
SY	USER COEFF	124	182	0.00	6.07	0.00	0.00
SY	USER COEFF	125	183	0.00	6.25	0.00	0.00
SY	USER COEFF	126	184	0.00	13.31	0.00	0.00
SY	USER COEFF	127	185	0.00	6.25	0.00	0.00
SY	USER COEFF	128	186	0.00	6.07	0.00	0.00
SY	USER COEFF	129	187	0.00	10.54	0.00	0.00
SY	USER COEFF	130	188	0.00	5.80	0.00	0.00
SY	USER COEFF	131	189	0.00	5.48	0.00	0.00
SY	USER COEFF	132	190	0.00	1.83	0.00	0.00
SY	USER COEFF	133	191	0.00	11.99	0.00	0.00
SY	USER COEFF	134	192	0.00	4.61	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	135	193	0.00	17.56	0.00	0.00
SY	USER COEFF	136	194	0.00	25.16	0.00	0.00
SY	USER COEFF	137	195	0.00	20.50	0.00	0.00
SY	USER COEFF	138	196	0.00	21.06	0.00	0.00
SY	USER COEFF	139	197	0.00	25.25	0.00	0.00
SY	USER COEFF	140	198	0.00	21.06	0.00	0.00
SY	USER COEFF	141	199	0.00	20.50	0.00	0.00
SY	USER COEFF	142	200	0.00	25.16	0.00	0.00
SY	USER COEFF	143	201	0.00	17.57	0.00	0.00
SY	USER COEFF	144	202	0.00	4.61	0.00	0.00
SY	USER COEFF	271	207	0.00	6.00	0.00	0.00
SY	USER COEFF	272	208	0.00	4.19	0.00	0.00
SY	USER COEFF	273	209	0.00	4.93	0.00	0.00
SY	USER COEFF	274	210	0.00	5.25	0.00	0.00
SY	USER COEFF	145	211	0.00	1.44	0.00	0.00
SY	USER COEFF	146	212	0.00	1.44	0.00	0.00
SY	USER COEFF	147	213	0.00	1.58	0.00	0.00
SY	USER COEFF	148	214	0.00	1.69	0.00	0.00
SY	USER COEFF	149	215	0.00	1.77	0.00	0.00
SY	USER COEFF	150	216	0.00	1.81	0.00	0.00
SY	USER COEFF	151	217	0.00	1.83	0.00	0.00
SY	USER COEFF	152	218	0.00	1.81	0.00	0.00
SY	USER COEFF	153	219	0.00	1.77	0.00	0.00
SY	USER COEFF	154	220	0.00	1.69	0.00	0.00
SY	USER COEFF	155	221	0.00	1.58	0.00	0.00
SY	USER COEFF	156	222	0.00	1.44	0.00	0.00
SY	USER COEFF	157	223	0.00	1.44	0.00	0.00
SY	USER COEFF	158	224	0.00	1.58	0.00	0.00

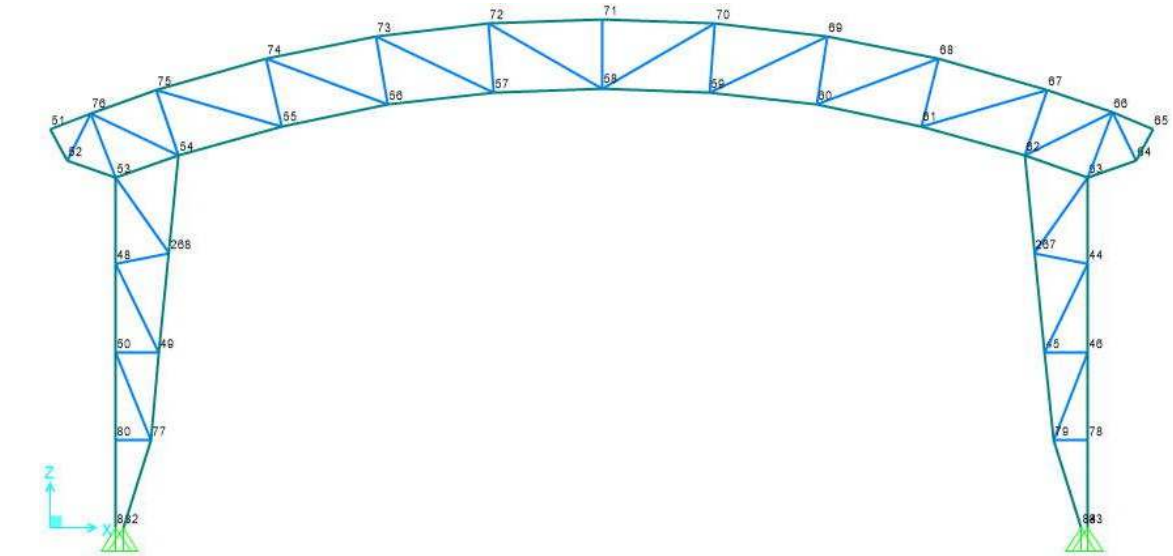
Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	159	225	0.00	1.69	0.00	0.00
SY	USER COEFF	160	226	0.00	1.77	0.00	0.00
SY	USER COEFF	161	227	0.00	1.81	0.00	0.00
SY	USER COEFF	162	228	0.00	1.83	0.00	0.00
SY	USER COEFF	163	229	0.00	1.81	0.00	0.00
SY	USER COEFF	164	230	0.00	1.77	0.00	0.00
SY	USER COEFF	165	231	0.00	1.69	0.00	0.00
SY	USER COEFF	166	232	0.00	1.58	0.00	0.00
SY	USER COEFF	275	233	0.00	5.25	0.00	0.00
SY	USER COEFF	276	234	0.00	6.00	0.00	0.00
SY	USER COEFF	209	242	0.00	5.43	0.00	0.00
SY	USER COEFF	210	243	0.00	2.03	0.00	0.00
SY	USER COEFF	211	244	0.00	1.93	0.00	0.00
SY	USER COEFF	212	246	0.00	5.43	0.00	0.00
SY	USER COEFF	213	247	0.00	2.03	0.00	0.00
SY	USER COEFF	214	248	0.00	1.93	0.00	0.00
SY	USER COEFF	215	249	0.00	0.95	0.00	0.00
SY	USER COEFF	216	250	0.00	0.68	0.00	0.00
SY	USER COEFF	217	251	0.00	0.95	0.00	0.00
SY	USER COEFF	218	252	0.00	0.68	0.00	0.00
SY	USER COEFF	241	267	0.00	3.33	0.00	0.00
SY	USER COEFF	242	268	0.00	3.33	0.00	0.00
SY	USER COEFF	223	269	0.00	20.71	0.00	0.00
SY	USER COEFF	224	270	0.00	20.71	0.00	0.00
SY	USER COEFF	225	271	0.00	20.71	0.00	0.00
SY	USER COEFF	226	272	0.00	20.71	0.00	0.00
SY	USER COEFF	227	273	0.00	22.56	0.00	0.00
SY	USER COEFF	228	274	0.00	22.56	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 1 of 1

LoadPat	AutoLdType	JointElem	Joint	FX	FY	FZ	MX
				Kgf	Kgf	Kgf	Kgf-m
SY	USER COEFF	229	275	0.00	22.56	0.00	0.00
SY	USER COEFF	230	276	0.00	22.56	0.00	0.00
SY	USER COEFF	231	277	0.00	20.71	0.00	0.00
SY	USER COEFF	232	278	0.00	20.71	0.00	0.00
SY	USER COEFF	233	279	0.00	20.71	0.00	0.00
SY	USER COEFF	234	280	0.00	20.71	0.00	0.00
SY	USER COEFF	243	281	0.00	3.33	0.00	0.00
SY	USER COEFF	244	282	0.00	3.33	0.00	0.00
SY	USER COEFF	245	283	0.00	3.33	0.00	0.00
SY	USER COEFF	246	284	0.00	3.33	0.00	0.00
SY	USER COEFF	247	285	0.00	3.33	0.00	0.00
SY	USER COEFF	248	286	0.00	3.33	0.00	0.00
SY	USER COEFF	249	287	0.00	4.19	0.00	0.00
SY	USER COEFF	250	288	0.00	4.93	0.00	0.00
SY	USER COEFF	251	289	0.00	6.00	0.00	0.00
SY	USER COEFF	252	290	0.00	5.25	0.00	0.00
SY	USER COEFF	235	335	0.00	4.19	0.00	0.00
SY	USER COEFF	236	346	0.00	4.93	0.00	0.00
SY	USER COEFF	237	348	0.00	5.25	0.00	0.00
SY	USER COEFF	238	349	0.00	6.00	0.00	0.00

DATOS DE ENTRADA



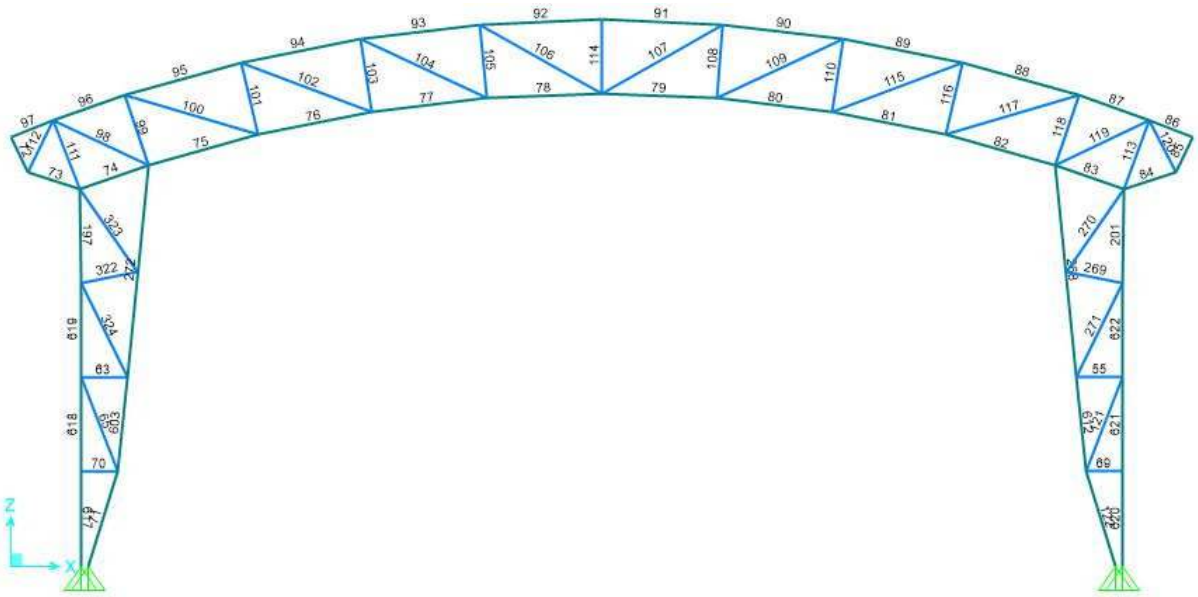


Table: Coordinate Systems

Table: Coordinate Systems

Name	Type	X	Y	Z	AboutZ	AboutY	AboutX
		m	m	m	Degrees	Degrees	Degrees
GLOBAL	Cartesian	0.00000	0.00000	0.00000	0.000	0.000	0.000

Table: Frame Section Properties 01 - General, Part 1 of 6

Table: Frame Section Properties 01 - General, Part 1 of 6

SectionName	Material	Shape	t3	t2	tf	tw
			m	m	m	m
3"X3"X1/4"	A572Gr50	Angle	0.076200	0.076200	0.006350	0.006350
70X70X2.00	A500GrB46	Box/Tube	0.070000	0.070000	0.002000	0.002000
70X70X2.50	A500GrB46	Box/Tube	0.070000	0.070000	0.002500	0.002500
CAJON	A653SQGr50	Cold Formed C	0.160000	0.060000		0.001500

Table: Frame Section Properties 01 - General, Part 2 of 6

Table: Frame Section Properties 01 - General, Part 2 of 6

SectionName	Radius	LipDepth	Area	TorsConst	I33	I22	I23
	m	m	m2	m4	m4	m4	m4
3"X3"X1/4"			0.000927	1.207E-08	5.179E-07	5.179E-07	3.079E-07
70X70X2.00			0.000544	6.289E-07	4.196E-07	4.196E-07	0.000000
70X70X2.50			0.000675	7.689E-07	5.133E-07	5.133E-07	0.000000
CAJON	0.003000	0.020000	0.000461	3.460E-10	1.820E-06	2.342E-07	0.000000

Table: Frame Section Properties 01 - General, Part 3 of 6

Table: Frame Section Properties 01 - General, Part 3 of 6

SectionName	AS2	AS3	S33	S22	Z33	Z22	R33
	m2	m2	m3	m3	m3	m3	m
3"X3"X1/4"	0.000484	0.000484	9.450E-06	9.450E-06	0.000017	0.000017	0.023631
70X70X2.00	0.000280	0.000280	0.000012	0.000012	0.000014	0.000014	0.027773
70X70X2.50	0.000350	0.000350	0.000015	0.000015	0.000017	0.000017	0.027576
CAJON	0.000227	0.000153	0.000023	5.655E-06	0.000023	5.655E-06	0.062817

Table: Frame Section Properties 01 - General, Part 4 of 6

Table: Frame Section Properties 01 - General, Part 4 of 6

SectionName	R22	ConcCol	ConcBeam	Color	TotalWt	TotalMass	FromFile
	m				Kgf	Kgf-s2/m	
3"X3"X1/4"	0.023631	No	No	DarkGreen	1148.94	117.16	No
70X70X2.00	0.027773	No	No	16744448	1636.67	166.89	No
70X70X2.50	0.027576	No	No	DarkCyan	1445.70	147.42	No
CAJON	0.022530	No	No	Red	2230.60	227.46	No

Table: Frame Section Properties 01 - General, Part 5 of 6

Table: Frame Section Properties 01 - General, Part 5 of 6

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
3"X3"X1/4"	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
70X70X2.00	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
70X70X2.50	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
CAJON	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	2.000000

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

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

SectionName	WMod	GUID	Notes
3"X3"X1/4"	1.000000		Added 11/06/2016 10:15:23 a. m.
70X70X2.00	1.000000		Added 11/06/2016 10:05:08 a. m.
70X70X2.50	1.000000		Added 11/06/2016 10:05:46 a. m.
CAJON	2.000000		Added 11/06/2016 10:07:50 a. m.

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy	Fu	EffFy	EffFu	SSCurveOpt	SSHysType	SHard	SMax
	Kgf/m2	Kgf/m2	Kgf/m2	Kgf/m2				
A500GrB46	32341202.80	40778038.32	35575323.08	44855842.15	Simple	Kinematic	0.018000	0.120000
A572Gr50	35153481.31	45699525.70	38668829.44	50269478.27	Simple	Kinematic	0.015000	0.110000

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	SRup	FinalSlope
A500GrB46	0.180000	-0.100000
A572Gr50	0.170000	-0.100000

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
D	Load pattern	D	1.000000
L	Load pattern	L	1.000000
W	Load pattern	W	1.000000
SX	Load pattern	SX	1.000000
SY	Load pattern	SY	1.000000

Table: Load Case Definitions, Part 1 of 2

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	DesTypeOpt	DesignType	DesActOpt
D	LinStatic	Zero			Prog Det	DEAD	Prog Det
L	LinStatic	Zero			Prog Det	LIVE	Prog Det
W	LinStatic	Zero			Prog Det	WIND	Prog Det
SX	LinStatic	Zero			Prog Det	QUAKE	Prog Det
SY	LinStatic	Zero			Prog Det	QUAKE	Prog Det

Table: Load Case Definitions, Part 2 of 2

Table: Load Case Definitions, Part 2 of 2

Case	DesignAct	AutoType	RunCase	CaseStatus	GUID	Notes
D	Non-Composite	None	Yes	Finished		
L	Short-Term Composite	None	Yes	Finished		
W	Short-Term Composite	None	Yes	Finished		
SX	Short-Term Composite	None	Yes	Finished		
SY	Short-Term Composite	None	Yes	Finished		

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
D	DEAD	1.000000			
L	LIVE	0.000000			
W	WIND	0.000000	None		
SX	QUAKE	0.000000	USER COEFF		
SY	QUAKE	0.000000	USER COEFF		

Table: Area Loads - Uniform To Frame

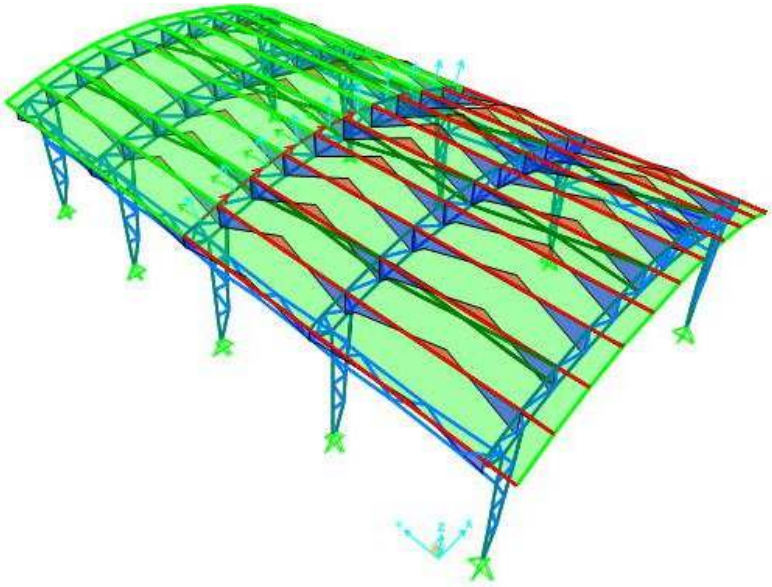
Table: Area Loads - Uniform To Frame

Area	LoadPat	CoordSys	Dir	UnifLoad Kgf/m2	DistType
1	D	GLOBAL	Gravity	20.00	One way
1	W	Local	2	42.00	One way
2	D	GLOBAL	Gravity	20.00	One way
2	W	Local	2	42.00	One way
3	D	GLOBAL	Gravity	20.00	One way

Table: Area Loads - Uniform To Frame

Area	LoadPat	CoordSys	Dir	UnifLoad	DistType
				Kgf/m2	
3	W	Local	2	42.00	One way
4	D	GLOBAL	Gravity	20.00	One way
4	W	Local	2	42.00	One way
5	D	GLOBAL	Gravity	20.00	One way
5	W	Local	2	42.00	One way
6	D	GLOBAL	Gravity	20.00	One way
6	W	Local	2	42.00	One way
7	W	Local	2	45.00	One way
7	D	GLOBAL	Gravity	20.00	One way
8	W	Local	2	40.00	One way
8	D	GLOBAL	Gravity	20.00	One way
9	W	Local	2	40.00	One way
9	D	GLOBAL	Gravity	20.00	One way
10	W	Local	2	40.00	One way
10	D	GLOBAL	Gravity	20.00	One way

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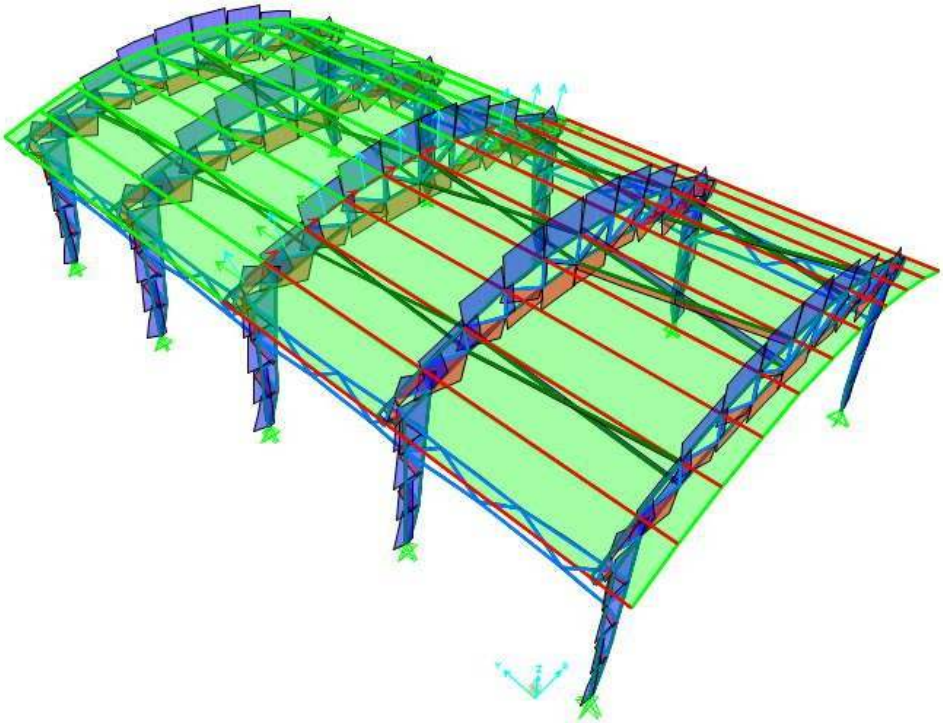


Table: Joint Reactions

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			Kgf	Kgf	Kgf	Kgf-m	Kgf-m	Kgf-m
39	D	LinStatic	-1.333E-02	-1.944E-08	226.07	0.00	0.00	0.00
39	L	LinStatic	-2.090E-02	-3.617E-08	349.33	0.00	0.00	0.00
39	W	LinStatic	2.907E-02	-6.411E-08	-485.78	0.00	0.00	0.00
39	SX	LinStatic	-3.170E-02	1.365E-06	529.80	0.00	0.00	0.00
39	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
40	D	LinStatic	106.61	3.487E-04	343.41	0.00	0.00	0.00
40	L	LinStatic	327.08	6.259E-04	1042.78	0.00	0.00	0.00
40	W	LinStatic	-387.45	4.357E-03	-1235.22	0.00	0.00	0.00
40	SX	LinStatic	-236.76	-2.434E-02	-754.81	0.00	0.00	0.00
40	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
41	D	LinStatic	1.333E-02	-1.014E-07	226.13	0.00	0.00	0.00
41	L	LinStatic	2.091E-02	-1.215E-07	349.46	0.00	0.00	0.00
41	W	LinStatic	-1.891E-02	1.304E-07	-316.02	0.00	0.00	0.00
41	SX	LinStatic	-3.147E-02	-3.816E-06	-525.97	0.00	0.00	0.00
41	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
42	D	LinStatic	-106.62	5.135E-03	343.44	0.00	0.00	0.00
42	L	LinStatic	-327.07	6.358E-03	1042.74	0.00	0.00	0.00
42	W	LinStatic	425.13	8.046E-04	-1355.36	0.00	0.00	0.00
42	SX	LinStatic	-238.19	0.22	759.38	0.00	0.00	0.00
42	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
81	D	LinStatic	-1.719E-02	1.691E-07	290.69	0.00	0.00	0.00
81	L	LinStatic	-2.841E-02	3.643E-08	474.85	0.00	0.00	0.00
81	W	LinStatic	3.886E-02	-7.574E-08	-649.45	0.00	0.00	0.00
81	SX	LinStatic	-3.491E-02	-1.725E-05	583.45	0.00	0.00	0.00
81	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
82	D	LinStatic	125.48	-2.233E-03	403.58	0.00	0.00	0.00
82	L	LinStatic	399.39	-3.525E-04	1273.30	0.00	0.00	0.00
82	W	LinStatic	-474.72	1.201E-03	-1513.46	0.00	0.00	0.00
82	SX	LinStatic	-271.50	0.23	-865.56	0.00	0.00	0.00
82	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
83	D	LinStatic	1.719E-02	-2.290E-07	290.68	0.00	0.00	0.00
83	L	LinStatic	2.841E-02	-4.002E-07	474.75	0.00	0.00	0.00
83	W	LinStatic	-2.622E-02	6.358E-07	-438.23	0.00	0.00	0.00
83	SX	LinStatic	-3.500E-02	-4.539E-06	-584.89	0.00	0.00	0.00
83	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
84	D	LinStatic	-125.50	3.202E-03	403.64	0.00	0.00	0.00
84	L	LinStatic	-399.43	5.613E-03	1273.43	0.00	0.00	0.00
84	W	LinStatic	515.79	-8.779E-03	-1644.40	0.00	0.00	0.00
84	SX	LinStatic	-271.59	7.194E-02	865.87	0.00	0.00	0.00
84	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
129	D	LinStatic	-1.752E-02	1.485E-07	296.15	0.00	0.00	0.00
129	L	LinStatic	-2.915E-02	1.048E-07	487.16	0.00	0.00	0.00
129	W	LinStatic	3.991E-02	-1.010E-07	-666.90	0.00	0.00	0.00
129	SX	LinStatic	-3.620E-02	-1.497E-05	604.99	0.00	0.00	0.00
129	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
130	D	LinStatic	128.90	-1.968E-03	414.48	0.00	0.00	0.00
130	L	LinStatic	412.72	-1.381E-03	1315.78	0.00	0.00	0.00
130	W	LinStatic	-490.75	1.318E-03	-1564.56	0.00	0.00	0.00
130	SX	LinStatic	-276.78	0.20	-882.40	0.00	0.00	0.00
130	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			Kgf	Kgf	Kgf	Kgf-m	Kgf-m	Kgf-m
131	D	LinStatic	1.752E-02	-1.553E-07	296.21	0.00	0.00	0.00
131	L	LinStatic	2.914E-02	-9.017E-08	487.03	0.00	0.00	0.00
131	W	LinStatic	-2.678E-02	1.580E-07	-447.57	0.00	0.00	0.00
131	SX	LinStatic	-3.628E-02	-3.790E-06	-606.29	0.00	0.00	0.00
131	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
132	D	LinStatic	-128.89	2.173E-03	414.46	0.00	0.00	0.00
132	L	LinStatic	-412.72	1.278E-03	1315.81	0.00	0.00	0.00
132	W	LinStatic	533.03	-2.229E-03	-1699.37	0.00	0.00	0.00
132	SX	LinStatic	-276.98	6.119E-02	883.05	0.00	0.00	0.00
132	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
203	D	LinStatic	-1.712E-02	1.423E-07	289.44	0.00	0.00	0.00
203	L	LinStatic	-2.816E-02	1.383E-07	470.63	0.00	0.00	0.00
203	W	LinStatic	3.862E-02	-1.143E-07	-645.49	0.00	0.00	0.00
203	SX	LinStatic	-3.567E-02	-1.373E-05	596.11	0.00	0.00	0.00
203	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
204	D	LinStatic	125.35	-1.911E-03	403.18	0.00	0.00	0.00
204	L	LinStatic	399.18	-2.020E-03	1272.63	0.00	0.00	0.00
204	W	LinStatic	-474.50	1.365E-03	-1512.75	0.00	0.00	0.00
204	SX	LinStatic	-270.88	0.18	-863.60	0.00	0.00	0.00
204	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
205	D	LinStatic	1.714E-02	-6.269E-08	289.86	0.00	0.00	0.00
205	L	LinStatic	2.816E-02	2.534E-07	470.62	0.00	0.00	0.00
205	W	LinStatic	-2.575E-02	-3.423E-07	-430.40	0.00	0.00	0.00
205	SX	LinStatic	-3.577E-02	-3.244E-06	-597.85	0.00	0.00	0.00
205	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
206	D	LinStatic	-125.44	8.822E-04	403.45	0.00	0.00	0.00
206	L	LinStatic	-399.25	-3.554E-03	1272.84	0.00	0.00	0.00
206	W	LinStatic	515.53	4.667E-03	-1643.55	0.00	0.00	0.00
206	SX	LinStatic	-271.56	5.344E-02	865.75	0.00	0.00	0.00
206	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
253	D	LinStatic	-1.306E-02	1.343E-07	221.62	0.00	0.00	0.00
253	L	LinStatic	-1.895E-02	2.169E-07	316.78	0.00	0.00	0.00
253	W	LinStatic	2.710E-02	-1.156E-07	-452.88	0.00	0.00	0.00
253	SX	LinStatic	-3.569E-02	-1.232E-05	596.38	0.00	0.00	0.00
253	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
254	D	LinStatic	106.27	-1.841E-03	342.34	0.00	0.00	0.00
254	L	LinStatic	326.43	-2.953E-03	1040.69	0.00	0.00	0.00
254	W	LinStatic	-386.91	-2.002E-03	-1233.52	0.00	0.00	0.00
254	SX	LinStatic	-235.47	0.17	-750.71	0.00	0.00	0.00
254	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
255	D	LinStatic	1.303E-02	1.088E-07	221.09	0.00	0.00	0.00
255	L	LinStatic	1.896E-02	3.129E-07	316.89	0.00	0.00	0.00
255	W	LinStatic	-1.570E-02	-4.155E-07	-262.35	0.00	0.00	0.00
255	SX	LinStatic	-3.596E-02	7.764E-06	-600.95	0.00	0.00	0.00
255	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00
256	D	LinStatic	-106.16	-1.493E-03	341.99	0.00	0.00	0.00
256	L	LinStatic	-326.33	-4.283E-03	1040.36	0.00	0.00	0.00
256	W	LinStatic	423.87	3.534E-03	-1351.34	0.00	0.00	0.00
256	SX	LinStatic	-234.70	-0.11	748.26	0.00	0.00	0.00
256	SY	LinStatic	0.00	0.00	0.00	0.00	0.00	0.00

Table: Element Forces - Frames, Part 1 of 1

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
55	0.00000	D	LinStatic	-68.75	-1.34	-2.794E-02	0.00	-1.755E-02
55	0.31417	D	LinStatic	-68.75	2.220E-16	-2.794E-02	0.00	-8.777E-03
55	0.62834	D	LinStatic	-68.75	1.34	-2.794E-02	0.00	0.00
55	0.00000	L	LinStatic	-216.06	0.00	-4.939E-02	0.00	-3.104E-02
55	0.31417	L	LinStatic	-216.06	0.00	-4.939E-02	0.00	-1.552E-02
55	0.62834	L	LinStatic	-216.06	0.00	-4.939E-02	0.00	-3.469E-18
55	0.00000	W	LinStatic	279.01	0.00	7.381E-02	0.00	4.638E-02
55	0.31417	W	LinStatic	279.01	0.00	7.381E-02	0.00	2.319E-02
55	0.62834	W	LinStatic	279.01	0.00	7.381E-02	0.00	6.939E-18
55	0.00000	SX	LinStatic	-143.73	0.00	-0.84	0.00	-0.53
55	0.31417	SX	LinStatic	-143.73	0.00	-0.84	0.00	-0.26
55	0.62834	SX	LinStatic	-143.73	0.00	-0.84	0.00	0.00
55	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
55	0.31417	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
55	0.62834	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
63	0.00000	D	LinStatic	-68.74	-1.34	-1.621E-02	0.00	-1.019E-02
63	0.31417	D	LinStatic	-68.74	-4.441E-16	-1.621E-02	0.00	-5.093E-03
63	0.62834	D	LinStatic	-68.74	1.34	-1.621E-02	0.00	-1.735E-18
63	0.00000	L	LinStatic	-216.04	0.00	8.298E-04	0.00	5.214E-04
63	0.31417	L	LinStatic	-216.04	0.00	8.298E-04	0.00	2.607E-04
63	0.62834	L	LinStatic	-216.04	0.00	8.298E-04	0.00	1.084E-19
63	0.00000	W	LinStatic	256.79	0.00	1.401E-02	0.00	8.800E-03
63	0.31417	W	LinStatic	256.79	0.00	1.401E-02	0.00	4.400E-03
63	0.62834	W	LinStatic	256.79	0.00	1.401E-02	0.00	1.735E-18
63	0.00000	SX	LinStatic	143.67	0.00	1.71	0.00	1.07
63	0.31417	SX	LinStatic	143.67	0.00	1.71	0.00	0.54
63	0.62834	SX	LinStatic	143.67	0.00	1.71	0.00	2.220E-16
63	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
63	0.31417	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
63	0.62834	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
65	0.00000	D	LinStatic	191.40	-1.07	-6.829E-03	-3.269E-03	-9.371E-03
65	0.68616	D	LinStatic	188.67	-4.441E-16	-6.829E-03	-3.269E-03	-4.686E-03
65	1.37232	D	LinStatic	185.94	1.07	-6.829E-03	-3.269E-03	0.00
65	0.00000	L	LinStatic	592.96	0.00	-1.471E-03	-8.487E-04	-2.018E-03
65	0.68616	L	LinStatic	592.96	0.00	-1.471E-03	-8.487E-04	-1.009E-03
65	1.37232	L	LinStatic	592.96	0.00	-1.471E-03	-8.487E-04	0.00
65	0.00000	W	LinStatic	-704.78	0.00	3.058E-03	1.238E-03	4.197E-03
65	0.68616	W	LinStatic	-704.78	0.00	3.058E-03	1.238E-03	2.098E-03
65	1.37232	W	LinStatic	-704.78	0.00	3.058E-03	1.238E-03	0.00
65	0.00000	SX	LinStatic	-399.62	0.00	0.70	0.33	0.96
65	0.68616	SX	LinStatic	-399.62	0.00	0.70	0.33	0.48
65	1.37232	SX	LinStatic	-399.62	0.00	0.70	0.33	0.00
65	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
65	0.68616	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
65	1.37232	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
69	0.00000	D	LinStatic	1.719E-02	-1.07	-1.972E-02	0.00	-9.859E-03
69	0.50000	D	LinStatic	1.719E-02	1.07	-1.972E-02	0.00	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
69	0.00000	L	LinStatic	2.841E-02	0.00	-3.446E-02	0.00	-1.723E-02
69	0.50000	L	LinStatic	2.841E-02	0.00	-3.446E-02	0.00	0.00
69	0.00000	W	LinStatic	-2.622E-02	0.00	5.476E-02	0.00	2.738E-02
69	0.50000	W	LinStatic	-2.622E-02	0.00	5.476E-02	0.00	0.00
69	0.00000	SX	LinStatic	0.65	0.00	-0.39	0.00	-0.20
69	0.50000	SX	LinStatic	0.65	0.00	-0.39	0.00	0.00
69	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
69	0.50000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
70	0.00000	D	LinStatic	1.719E-02	-1.07	-1.456E-02	0.00	-7.282E-03
70	0.50000	D	LinStatic	1.719E-02	1.07	-1.456E-02	0.00	-8.674E-19
70	0.00000	L	LinStatic	2.841E-02	0.00	-3.137E-03	0.00	-1.568E-03
70	0.50000	L	LinStatic	2.841E-02	0.00	-3.137E-03	0.00	0.00
70	0.00000	W	LinStatic	-3.886E-02	0.00	6.523E-03	0.00	3.261E-03
70	0.50000	W	LinStatic	-3.886E-02	0.00	6.523E-03	0.00	4.337E-19
70	0.00000	SX	LinStatic	-0.65	0.00	1.49	0.00	0.74
70	0.50000	SX	LinStatic	-0.65	0.00	1.49	0.00	-1.110E-16
70	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
70	0.50000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
71	0.00000	D	LinStatic	-422.63	-1.06	-2.233E-03	-9.361E-04	-2.984E-03
71	0.66812	D	LinStatic	-419.25	-2.220E-16	-2.233E-03	-9.361E-04	-1.492E-03
71	1.33625	D	LinStatic	-415.88	1.06	-2.233E-03	-9.361E-04	-8.674E-19
71	0.00000	L	LinStatic	-1334.47	0.00	-3.525E-04	-1.477E-04	-4.710E-04
71	0.66812	L	LinStatic	-1334.47	0.00	-3.525E-04	-1.477E-04	-2.355E-04
71	1.33625	L	LinStatic	-1334.47	0.00	-3.525E-04	-1.477E-04	-1.084E-19
71	0.00000	W	LinStatic	1586.17	0.00	1.201E-03	5.033E-04	1.605E-03
71	0.66812	W	LinStatic	1586.17	0.00	1.201E-03	5.033E-04	8.024E-04
71	1.33625	W	LinStatic	1586.17	0.00	1.201E-03	5.033E-04	2.168E-19
71	0.00000	SX	LinStatic	907.14	0.00	0.23	9.616E-02	0.31
71	0.66812	SX	LinStatic	907.14	0.00	0.23	9.616E-02	0.15
71	1.33625	SX	LinStatic	907.14	0.00	0.23	9.616E-02	5.551E-17
71	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
71	0.66812	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
71	1.33625	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
72	0.00000	D	LinStatic	-45.59	-0.64	0.14	2.740E-02	7.384E-02
72	0.26201	D	LinStatic	-46.83	0.00	0.14	2.740E-02	3.692E-02
72	0.52401	D	LinStatic	-48.06	0.64	0.14	2.740E-02	0.00
72	0.00000	L	LinStatic	-174.44	0.00	0.56	0.11	0.29
72	0.26201	L	LinStatic	-174.44	0.00	0.56	0.11	0.15
72	0.52401	L	LinStatic	-174.44	0.00	0.56	0.11	5.551E-17
72	0.00000	W	LinStatic	241.35	0.00	0.75	0.15	0.39
72	0.26201	W	LinStatic	241.35	0.00	0.75	0.15	0.20
72	0.52401	W	LinStatic	241.35	0.00	0.75	0.15	5.551E-17
72	0.00000	SX	LinStatic	-7.26	0.00	-3.63	-0.66	-1.90
72	0.26201	SX	LinStatic	-7.26	0.00	-3.63	-0.66	-0.95
72	0.52401	SX	LinStatic	-7.26	0.00	-3.63	-0.66	0.00
72	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
72	0.26201	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
72	0.52401	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
73	0.00000	D	LinStatic	-39.72	-1.86	3.374E-02	-4.897E-03	2.501E-02
73	0.37063	D	LinStatic	-40.35	0.00	3.374E-02	-4.897E-03	1.251E-02
73	0.74126	D	LinStatic	-40.97	1.86	3.374E-02	-4.897E-03	-3.469E-18

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
73	0.00000	L	LinStatic	-141.91	0.00	0.13	-1.802E-03	9.287E-02
73	0.37063	L	LinStatic	-141.91	0.00	0.13	-1.802E-03	4.644E-02
73	0.74126	L	LinStatic	-141.91	0.00	0.13	-1.802E-03	-2.776E-17
73	0.00000	W	LinStatic	196.34	0.00	0.16	1.723E-02	0.12
73	0.37063	W	LinStatic	196.34	0.00	0.16	1.723E-02	5.953E-02
73	0.74126	W	LinStatic	196.34	0.00	0.16	1.723E-02	-2.776E-17
73	0.00000	SX	LinStatic	-7.56	0.00	-1.07	0.58	-0.79
73	0.37063	SX	LinStatic	-7.56	0.00	-1.07	0.58	-0.40
73	0.74126	SX	LinStatic	-7.56	0.00	-1.07	0.58	1.110E-16
73	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
73	0.37063	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
73	0.74126	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
74	0.00000	D	LinStatic	-3.55	-2.44	6.594E-02	-4.352E-03	6.441E-02
74	0.48836	D	LinStatic	-2.69	0.00	6.594E-02	-4.352E-03	3.220E-02
74	0.97671	D	LinStatic	-1.83	2.44	6.594E-02	-4.352E-03	-1.388E-17
74	0.00000	L	LinStatic	-14.27	0.00	8.941E-02	-3.375E-03	8.733E-02
74	0.48836	L	LinStatic	-14.27	0.00	8.941E-02	-3.375E-03	4.366E-02
74	0.97671	L	LinStatic	-14.27	0.00	8.941E-02	-3.375E-03	-1.388E-17
74	0.00000	W	LinStatic	68.88	0.00	-7.077E-02	1.916E-02	-6.912E-02
74	0.48836	W	LinStatic	68.88	0.00	-7.077E-02	1.916E-02	-3.456E-02
74	0.97671	W	LinStatic	68.88	0.00	-7.077E-02	1.916E-02	1.388E-17
74	0.00000	SX	LinStatic	-416.53	0.00	-6.13	0.46	-5.99
74	0.48836	SX	LinStatic	-416.53	0.00	-6.13	0.46	-2.99
74	0.97671	SX	LinStatic	-416.53	0.00	-6.13	0.46	0.00
74	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
74	0.48836	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
74	0.97671	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
75	0.00000	D	LinStatic	-597.99	-3.95	5.626E-03	-4.660E-03	8.706E-03
75	0.77378	D	LinStatic	-596.88	2.220E-15	5.626E-03	-4.660E-03	4.353E-03
75	1.54756	D	LinStatic	-595.76	3.95	5.626E-03	-4.660E-03	1.735E-18
75	0.00000	L	LinStatic	-1922.13	0.00	2.001E-02	-1.553E-02	3.097E-02
75	0.77378	L	LinStatic	-1922.13	0.00	2.001E-02	-1.553E-02	1.548E-02
75	1.54756	L	LinStatic	-1922.13	0.00	2.001E-02	-1.553E-02	3.469E-18
75	0.00000	W	LinStatic	2285.76	0.00	6.500E-02	2.609E-02	0.10
75	0.77378	W	LinStatic	2285.76	0.00	6.500E-02	2.609E-02	5.030E-02
75	1.54756	W	LinStatic	2285.76	0.00	6.500E-02	2.609E-02	1.388E-17
75	0.00000	SX	LinStatic	1539.05	0.00	-0.26	-3.415E-02	-0.40
75	0.77378	SX	LinStatic	1539.05	0.00	-0.26	-3.415E-02	-0.20
75	1.54756	SX	LinStatic	1539.05	0.00	-0.26	-3.415E-02	0.00
75	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
75	0.77378	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
75	1.54756	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
76	0.00000	D	LinStatic	-34.74	-4.06	-3.860E-02	3.251E-03	-6.033E-02
76	0.78147	D	LinStatic	-33.94	8.882E-16	-3.860E-02	3.251E-03	-3.017E-02
76	1.56293	D	LinStatic	-33.13	4.06	-3.860E-02	3.251E-03	0.00
76	0.00000	L	LinStatic	-204.02	0.00	-0.13	1.100E-02	-0.20
76	0.78147	L	LinStatic	-204.02	0.00	-0.13	1.100E-02	-9.955E-02
76	1.56293	L	LinStatic	-204.02	0.00	-0.13	1.100E-02	0.00
76	0.00000	W	LinStatic	234.52	0.00	0.31	-1.933E-02	0.49
76	0.78147	W	LinStatic	234.52	0.00	0.31	-1.933E-02	0.24
76	1.56293	W	LinStatic	234.52	0.00	0.31	-1.933E-02	5.551E-17

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
76	0.00000	SX	LinStatic	1167.79	0.00	-0.58	2.746E-02	-0.91
76	0.78147	SX	LinStatic	1167.79	0.00	-0.58	2.746E-02	-0.45
76	1.56293	SX	LinStatic	1167.79	0.00	-0.58	2.746E-02	0.00
76	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
76	0.78147	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
76	1.56293	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
77	0.00000	D	LinStatic	288.98	-4.11	4.749E-03	-7.298E-05	7.422E-03
77	0.78147	D	LinStatic	289.46	0.00	4.749E-03	-7.298E-05	3.711E-03
77	1.56294	D	LinStatic	289.95	4.11	4.749E-03	-7.298E-05	0.00
77	0.00000	L	LinStatic	1079.92	0.00	1.936E-02	-2.416E-04	3.026E-02
77	0.78147	L	LinStatic	1079.92	0.00	1.936E-02	-2.416E-04	1.513E-02
77	1.56294	L	LinStatic	1079.92	0.00	1.936E-02	-2.416E-04	0.00
77	0.00000	W	LinStatic	-1269.69	0.00	5.579E-02	-8.074E-04	8.719E-02
77	0.78147	W	LinStatic	-1269.69	0.00	5.579E-02	-8.074E-04	4.359E-02
77	1.56294	W	LinStatic	-1269.69	0.00	5.579E-02	-8.074E-04	1.388E-17
77	0.00000	SX	LinStatic	803.63	0.00	-0.22	-3.155E-04	-0.34
77	0.78147	SX	LinStatic	803.63	0.00	-0.22	-3.155E-04	-0.17
77	1.56294	SX	LinStatic	803.63	0.00	-0.22	-3.155E-04	0.00
77	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
77	0.78147	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
77	1.56294	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
78	0.00000	D	LinStatic	507.56	-4.14	3.135E-03	1.287E-03	4.900E-03
78	0.78147	D	LinStatic	507.72	-2.665E-15	3.135E-03	1.287E-03	2.450E-03
78	1.56294	D	LinStatic	507.88	4.14	3.135E-03	1.287E-03	-8.674E-19
78	0.00000	L	LinStatic	1823.74	0.00	1.404E-02	4.992E-03	2.194E-02
78	0.78147	L	LinStatic	1823.74	0.00	1.404E-02	4.992E-03	1.097E-02
78	1.56294	L	LinStatic	1823.74	0.00	1.404E-02	4.992E-03	0.00
78	0.00000	W	LinStatic	-2112.84	0.00	3.795E-02	-6.358E-03	5.931E-02
78	0.78147	W	LinStatic	-2112.84	0.00	3.795E-02	-6.358E-03	2.966E-02
78	1.56294	W	LinStatic	-2112.84	0.00	3.795E-02	-6.358E-03	0.00
78	0.00000	SX	LinStatic	413.47	0.00	-0.23	-3.660E-03	-0.36
78	0.78147	SX	LinStatic	413.47	0.00	-0.23	-3.660E-03	-0.18
78	1.56294	SX	LinStatic	413.47	0.00	-0.23	-3.660E-03	0.00
78	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
78	0.78147	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
78	1.56294	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
79	0.00000	D	LinStatic	507.93	-4.14	8.991E-02	1.367E-03	0.14
79	0.78147	D	LinStatic	507.77	-1.776E-15	8.991E-02	1.367E-03	7.026E-02
79	1.56294	D	LinStatic	507.61	4.14	8.991E-02	1.367E-03	0.00
79	0.00000	L	LinStatic	1823.67	0.00	0.35	5.349E-03	0.55
79	0.78147	L	LinStatic	1823.67	0.00	0.35	5.349E-03	0.27
79	1.56294	L	LinStatic	1823.67	0.00	0.35	5.349E-03	-1.110E-16
79	0.00000	W	LinStatic	-2033.18	0.00	-0.39	-5.883E-03	-0.61
79	0.78147	W	LinStatic	-2033.18	0.00	-0.39	-5.883E-03	-0.31
79	1.56294	W	LinStatic	-2033.18	0.00	-0.39	-5.883E-03	1.110E-16
79	0.00000	SX	LinStatic	-414.69	0.00	-0.47	-4.585E-03	-0.74
79	0.78147	SX	LinStatic	-414.69	0.00	-0.47	-4.585E-03	-0.37
79	1.56294	SX	LinStatic	-414.69	0.00	-0.47	-4.585E-03	1.110E-16
79	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
79	0.78147	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
79	1.56294	SY	LinStatic	0.00	0.00	0.00	0.00	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
80	0.00000	D	LinStatic	289.98	-4.11	-2.264E-03	5.792E-05	-3.539E-03
80	0.78147	D	LinStatic	289.49	1.776E-15	-2.264E-03	5.792E-05	-1.770E-03
80	1.56294	D	LinStatic	289.00	4.11	-2.264E-03	5.792E-05	0.00
80	0.00000	L	LinStatic	1079.90	0.00	-1.002E-02	1.931E-04	-1.565E-02
80	0.78147	L	LinStatic	1079.90	0.00	-1.002E-02	1.931E-04	-7.826E-03
80	1.56294	L	LinStatic	1079.90	0.00	-1.002E-02	1.931E-04	0.00
80	0.00000	W	LinStatic	-1110.88	0.00	5.851E-03	6.565E-04	9.145E-03
80	0.78147	W	LinStatic	-1110.88	0.00	5.851E-03	6.565E-04	4.573E-03
80	1.56294	W	LinStatic	-1110.88	0.00	5.851E-03	6.565E-04	-1.735E-18
80	0.00000	SX	LinStatic	-806.23	0.00	-0.16	-2.565E-04	-0.26
80	0.78147	SX	LinStatic	-806.23	0.00	-0.16	-2.565E-04	-0.13
80	1.56294	SX	LinStatic	-806.23	0.00	-0.16	-2.565E-04	0.00
80	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
80	0.78147	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
80	1.56294	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
81	0.00000	D	LinStatic	-33.17	-4.06	-3.517E-03	-2.639E-03	-5.497E-03
81	0.78147	D	LinStatic	-33.98	8.882E-16	-3.517E-03	-2.639E-03	-2.748E-03
81	1.56293	D	LinStatic	-34.79	4.06	-3.517E-03	-2.639E-03	0.00
81	0.00000	L	LinStatic	-204.21	0.00	-1.416E-02	-9.214E-03	-2.213E-02
81	0.78147	L	LinStatic	-204.21	0.00	-1.416E-02	-9.214E-03	-1.107E-02
81	1.56293	L	LinStatic	-204.21	0.00	-1.416E-02	-9.214E-03	0.00
81	0.00000	W	LinStatic	471.89	0.00	-8.739E-03	1.083E-02	-1.366E-02
81	0.78147	W	LinStatic	471.89	0.00	-8.739E-03	1.083E-02	-6.829E-03
81	1.56293	W	LinStatic	471.89	0.00	-8.739E-03	1.083E-02	-1.735E-18
81	0.00000	SX	LinStatic	-1171.47	0.00	-0.16	2.419E-02	-0.24
81	0.78147	SX	LinStatic	-1171.47	0.00	-0.16	2.419E-02	-0.12
81	1.56293	SX	LinStatic	-1171.47	0.00	-0.16	2.419E-02	0.00
81	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
81	0.78147	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
81	1.56293	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
82	0.00000	D	LinStatic	-595.91	-3.95	3.164E-02	3.748E-03	4.897E-02
82	0.77378	D	LinStatic	-597.03	-4.441E-16	3.164E-02	3.748E-03	2.448E-02
82	1.54756	D	LinStatic	-598.14	3.95	3.164E-02	3.748E-03	0.00
82	0.00000	L	LinStatic	-1922.50	0.00	0.11	1.284E-02	0.17
82	0.77378	L	LinStatic	-1922.50	0.00	0.11	1.284E-02	8.402E-02
82	1.54756	L	LinStatic	-1922.50	0.00	0.11	1.284E-02	0.00
82	0.00000	W	LinStatic	2551.05	0.00	-0.15	-1.437E-02	-0.24
82	0.77378	W	LinStatic	2551.05	0.00	-0.15	-1.437E-02	-0.12
82	1.54756	W	LinStatic	2551.05	0.00	-0.15	-1.437E-02	2.776E-17
82	0.00000	SX	LinStatic	-1543.58	0.00	-0.48	-2.586E-02	-0.74
82	0.77378	SX	LinStatic	-1543.58	0.00	-0.48	-2.586E-02	-0.37
82	1.54756	SX	LinStatic	-1543.58	0.00	-0.48	-2.586E-02	0.00
82	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
82	0.77378	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
82	1.54756	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
83	0.00000	D	LinStatic	-3.49	-2.44	-9.682E-03	4.743E-03	-9.456E-03
83	0.48836	D	LinStatic	-4.35	0.00	-9.682E-03	4.743E-03	-4.728E-03
83	0.97671	D	LinStatic	-5.21	2.44	-9.682E-03	4.743E-03	0.00
83	0.00000	L	LinStatic	-19.53	0.00	-3.274E-02	6.401E-03	-3.198E-02
83	0.48836	L	LinStatic	-19.53	0.00	-3.274E-02	6.401E-03	-1.599E-02
83	0.97671	L	LinStatic	-19.53	0.00	-3.274E-02	6.401E-03	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
83	0.00000	W	LinStatic	-50.72	0.00	-4.073E-02	-1.732E-02	-3.978E-02
83	0.48836	W	LinStatic	-50.72	0.00	-4.073E-02	-1.732E-02	-1.989E-02
83	0.97671	W	LinStatic	-50.72	0.00	-4.073E-02	-1.732E-02	0.00
83	0.00000	SX	LinStatic	409.56	0.00	-0.57	0.82	-0.56
83	0.48836	SX	LinStatic	409.56	0.00	-0.57	0.82	-0.28
83	0.97671	SX	LinStatic	409.56	0.00	-0.57	0.82	0.00
83	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
83	0.48836	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
83	0.97671	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
84	0.00000	D	LinStatic	-41.19	-1.86	-0.12	3.424E-03	-8.548E-02
84	0.37063	D	LinStatic	-40.56	6.661E-16	-0.12	3.424E-03	-4.274E-02
84	0.74126	D	LinStatic	-39.94	1.86	-0.12	3.424E-03	0.00
84	0.00000	L	LinStatic	-142.57	0.00	-0.19	-1.647E-03	-0.14
84	0.37063	L	LinStatic	-142.57	0.00	-0.19	-1.647E-03	-7.031E-02
84	0.74126	L	LinStatic	-142.57	0.00	-0.19	-1.647E-03	-2.776E-17
84	0.00000	W	LinStatic	166.62	0.00	0.29	-1.837E-02	0.21
84	0.37063	W	LinStatic	166.62	0.00	0.29	-1.837E-02	0.11
84	0.74126	W	LinStatic	166.62	0.00	0.29	-1.837E-02	2.776E-17
84	0.00000	SX	LinStatic	7.58	0.00	-18.11	0.96	-13.42
84	0.37063	SX	LinStatic	7.58	0.00	-18.11	0.96	-6.71
84	0.74126	SX	LinStatic	7.58	0.00	-18.11	0.96	0.00
84	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
84	0.37063	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
84	0.74126	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
85	0.00000	D	LinStatic	-48.08	-0.64	-5.622E-02	-1.819E-02	-2.946E-02
85	0.26201	D	LinStatic	-46.84	0.00	-5.622E-02	-1.819E-02	-1.473E-02
85	0.52401	D	LinStatic	-45.61	0.64	-5.622E-02	-1.819E-02	0.00
85	0.00000	L	LinStatic	-174.46	0.00	-0.21	-7.512E-02	-0.11
85	0.26201	L	LinStatic	-174.46	0.00	-0.21	-7.512E-02	-5.410E-02
85	0.52401	L	LinStatic	-174.46	0.00	-0.21	-7.512E-02	-1.388E-17
85	0.00000	W	LinStatic	203.88	0.00	-1.204E-02	-1.335E-02	-6.309E-03
85	0.26201	W	LinStatic	203.88	0.00	-1.204E-02	-1.335E-02	-3.154E-03
85	0.52401	W	LinStatic	203.88	0.00	-1.204E-02	-1.335E-02	0.00
85	0.00000	SX	LinStatic	7.25	0.00	-2.27	-0.26	-1.19
85	0.26201	SX	LinStatic	7.25	0.00	-2.27	-0.26	-0.60
85	0.52401	SX	LinStatic	7.25	0.00	-2.27	-0.26	0.00
85	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
85	0.26201	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
85	0.52401	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
86	0.00000	D	LinStatic	22.42	-1.57	-0.18	8.814E-03	-0.11
86	0.31911	D	LinStatic	23.04	4.441E-16	-0.18	8.814E-03	-5.659E-02
86	0.63821	D	LinStatic	23.67	1.57	-0.18	8.814E-03	-2.776E-17
86	0.00000	L	LinStatic	85.79	0.00	-0.70	3.718E-02	-0.44
86	0.31911	L	LinStatic	85.79	0.00	-0.70	3.718E-02	-0.22
86	0.63821	L	LinStatic	85.79	0.00	-0.70	3.718E-02	-5.551E-17
86	0.00000	W	LinStatic	-24.79	0.00	-8.979E-02	6.722E-03	-5.731E-02
86	0.31911	W	LinStatic	-24.79	0.00	-8.979E-02	6.722E-03	-2.865E-02
86	0.63821	W	LinStatic	-24.79	0.00	-8.979E-02	6.722E-03	-6.939E-18
86	0.00000	SX	LinStatic	15.96	0.00	-4.55	7.851E-02	-2.90
86	0.31911	SX	LinStatic	15.96	0.00	-4.55	7.851E-02	-1.45
86	0.63821	SX	LinStatic	15.96	0.00	-4.55	7.851E-02	-8.882E-16

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
86	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
86	0.31911	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
86	0.63821	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
87	0.00000	D	LinStatic	332.72	-2.51	-1.485E-02	-4.761E-03	-1.490E-02
87	0.50185	D	LinStatic	333.60	-8.882E-16	-1.485E-02	-4.761E-03	-7.452E-03
87	1.00371	D	LinStatic	334.49	2.51	-1.485E-02	-4.761E-03	0.00
87	0.00000	L	LinStatic	1031.54	0.00	-4.137E-02	-2.040E-02	-4.152E-02
87	0.50185	L	LinStatic	1031.54	0.00	-4.137E-02	-2.040E-02	-2.076E-02
87	1.00371	L	LinStatic	1031.54	0.00	-4.137E-02	-2.040E-02	0.00
87	0.00000	W	LinStatic	-1376.22	0.00	7.575E-03	-3.670E-02	7.603E-03
87	0.50185	W	LinStatic	-1376.22	0.00	7.575E-03	-3.670E-02	3.801E-03
87	1.00371	W	LinStatic	-1376.22	0.00	7.575E-03	-3.670E-02	0.00
87	0.00000	SX	LinStatic	1267.56	0.00	-1.37	-6.157E-02	-1.37
87	0.50185	SX	LinStatic	1267.56	0.00	-1.37	-6.157E-02	-0.69
87	1.00371	SX	LinStatic	1267.56	0.00	-1.37	-6.157E-02	0.00
87	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
87	0.50185	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
87	1.00371	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
88	0.00000	D	LinStatic	-166.03	-4.18	-2.701E-02	-1.312E-04	-4.434E-02
88	0.82081	D	LinStatic	-164.85	8.882E-16	-2.701E-02	-1.312E-04	-2.217E-02
88	1.64162	D	LinStatic	-163.67	4.18	-2.701E-02	-1.312E-04	0.00
88	0.00000	L	LinStatic	-466.08	0.00	-0.11	1.511E-03	-0.18
88	0.82081	L	LinStatic	-466.08	0.00	-0.11	1.511E-03	-8.800E-02
88	1.64162	L	LinStatic	-466.08	0.00	-0.11	1.511E-03	0.00
88	0.00000	W	LinStatic	575.27	0.00	-0.16	8.666E-03	-0.26
88	0.82081	W	LinStatic	575.27	0.00	-0.16	8.666E-03	-0.13
88	1.64162	W	LinStatic	575.27	0.00	-0.16	8.666E-03	0.00
88	0.00000	SX	LinStatic	962.06	0.00	-0.80	-3.442E-03	-1.31
88	0.82081	SX	LinStatic	962.06	0.00	-0.80	-3.442E-03	-0.66
88	1.64162	SX	LinStatic	962.06	0.00	-0.80	-3.442E-03	0.00
88	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
88	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
88	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
89	0.00000	D	LinStatic	-444.31	-4.26	-2.872E-02	7.697E-04	-4.715E-02
89	0.82081	D	LinStatic	-443.46	0.00	-2.872E-02	7.697E-04	-2.357E-02
89	1.64162	D	LinStatic	-442.61	4.26	-2.872E-02	7.697E-04	6.939E-18
89	0.00000	L	LinStatic	-1601.76	0.00	-9.549E-02	1.445E-03	-0.16
89	0.82081	L	LinStatic	-1601.76	0.00	-9.549E-02	1.445E-03	-7.838E-02
89	1.64162	L	LinStatic	-1601.76	0.00	-9.549E-02	1.445E-03	0.00
89	0.00000	W	LinStatic	2080.80	0.00	-8.543E-02	3.595E-03	-0.14
89	0.82081	W	LinStatic	2080.80	0.00	-8.543E-02	3.595E-03	-7.012E-02
89	1.64162	W	LinStatic	2080.80	0.00	-8.543E-02	3.595E-03	2.776E-17
89	0.00000	SX	LinStatic	668.08	0.00	-0.85	2.167E-03	-1.39
89	0.82081	SX	LinStatic	668.08	0.00	-0.85	2.167E-03	-0.69
89	1.64162	SX	LinStatic	668.08	0.00	-0.85	2.167E-03	2.220E-16
89	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
89	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
89	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
90	0.00000	D	LinStatic	-641.10	-4.32	-1.919E-02	3.925E-04	-3.151E-02
90	0.82081	D	LinStatic	-640.59	8.882E-16	-1.919E-02	3.925E-04	-1.575E-02
90	1.64162	D	LinStatic	-640.08	4.32	-1.919E-02	3.925E-04	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
90	0.00000	L	LinStatic	-2251.74	0.00	-7.812E-02	1.390E-03	-0.13
90	0.82081	L	LinStatic	-2251.74	0.00	-7.812E-02	1.390E-03	-6.412E-02
90	1.64162	L	LinStatic	-2251.74	0.00	-7.812E-02	1.390E-03	-2.776E-17
90	0.00000	W	LinStatic	2959.06	0.00	-4.032E-02	3.625E-03	-6.618E-02
90	0.82081	W	LinStatic	2959.06	0.00	-4.032E-02	3.625E-03	-3.309E-02
90	1.64162	W	LinStatic	2959.06	0.00	-4.032E-02	3.625E-03	-1.388E-17
90	0.00000	SX	LinStatic	327.90	0.00	-0.83	-1.265E-04	-1.36
90	0.82081	SX	LinStatic	327.90	0.00	-0.83	-1.265E-04	-0.68
90	1.64162	SX	LinStatic	327.90	0.00	-0.83	-1.265E-04	-2.220E-16
90	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
90	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
90	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
91	0.00000	D	LinStatic	-740.23	-4.35	-1.089E-02	9.715E-05	-1.788E-02
91	0.82081	D	LinStatic	-740.06	-8.882E-16	-1.089E-02	9.715E-05	-8.939E-03
91	1.64162	D	LinStatic	-739.88	4.35	-1.089E-02	9.715E-05	3.469E-18
91	0.00000	L	LinStatic	-2401.55	0.00	-4.879E-02	4.613E-04	-8.009E-02
91	0.82081	L	LinStatic	-2401.55	0.00	-4.879E-02	4.613E-04	-4.004E-02
91	1.64162	L	LinStatic	-2401.55	0.00	-4.879E-02	4.613E-04	0.00
91	0.00000	W	LinStatic	3203.71	0.00	3.723E-02	1.195E-03	6.111E-02
91	0.82081	W	LinStatic	3203.71	0.00	3.723E-02	1.195E-03	3.056E-02
91	1.64162	W	LinStatic	3203.71	0.00	3.723E-02	1.195E-03	-6.939E-18
91	0.00000	SX	LinStatic	-25.12	0.00	-0.84	-4.764E-04	-1.37
91	0.82081	SX	LinStatic	-25.12	0.00	-0.84	-4.764E-04	-0.69
91	1.64162	SX	LinStatic	-25.12	0.00	-0.84	-4.764E-04	0.00
91	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
91	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
91	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
92	0.00000	D	LinStatic	-739.72	-4.35	-4.649E-03	-2.367E-04	-7.632E-03
92	0.82081	D	LinStatic	-739.89	2.665E-15	-4.649E-03	-2.367E-04	-3.816E-03
92	1.64162	D	LinStatic	-740.06	4.35	-4.649E-03	-2.367E-04	-8.674E-19
92	0.00000	L	LinStatic	-2401.43	0.00	-1.915E-02	-1.046E-03	-3.144E-02
92	0.82081	L	LinStatic	-2401.43	0.00	-1.915E-02	-1.046E-03	-1.572E-02
92	1.64162	L	LinStatic	-2401.43	0.00	-1.915E-02	-1.046E-03	-6.939E-18
92	0.00000	W	LinStatic	3203.92	0.00	0.11	-2.753E-04	0.19
92	0.82081	W	LinStatic	3203.92	0.00	0.11	-2.753E-04	9.359E-02
92	1.64162	W	LinStatic	3203.92	0.00	0.11	-2.753E-04	2.776E-17
92	0.00000	SX	LinStatic	24.19	0.00	-0.87	-6.673E-04	-1.42
92	0.82081	SX	LinStatic	24.19	0.00	-0.87	-6.673E-04	-0.71
92	1.64162	SX	LinStatic	24.19	0.00	-0.87	-6.673E-04	-2.220E-16
92	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
92	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
92	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
93	0.00000	D	LinStatic	-639.97	-4.32	1.049E-02	-3.754E-04	1.722E-02
93	0.82081	D	LinStatic	-640.48	8.882E-16	1.049E-02	-3.754E-04	8.609E-03
93	1.64162	D	LinStatic	-640.99	4.32	1.049E-02	-3.754E-04	3.469E-18
93	0.00000	L	LinStatic	-2251.71	0.00	4.772E-02	-1.321E-03	7.833E-02
93	0.82081	L	LinStatic	-2251.71	0.00	4.772E-02	-1.321E-03	3.917E-02
93	1.64162	L	LinStatic	-2251.71	0.00	4.772E-02	-1.321E-03	2.776E-17
93	0.00000	W	LinStatic	3035.81	0.00	0.13	-3.252E-03	0.21
93	0.82081	W	LinStatic	3035.81	0.00	0.13	-3.252E-03	0.11
93	1.64162	W	LinStatic	3035.81	0.00	0.13	-3.252E-03	2.776E-17

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
93	0.00000	SX	LinStatic	-327.53	0.00	-0.82	-1.283E-04	-1.35
93	0.82081	SX	LinStatic	-327.53	0.00	-0.82	-1.283E-04	-0.67
93	1.64162	SX	LinStatic	-327.53	0.00	-0.82	-1.283E-04	-4.441E-16
93	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
93	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
93	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
94	0.00000	D	LinStatic	-442.52	-4.26	1.826E-02	-7.682E-04	2.998E-02
94	0.82081	D	LinStatic	-443.37	-1.776E-15	1.826E-02	-7.682E-04	1.499E-02
94	1.64162	D	LinStatic	-444.22	4.26	1.826E-02	-7.682E-04	3.469E-18
94	0.00000	L	LinStatic	-1601.68	0.00	7.494E-02	-1.547E-03	0.12
94	0.82081	L	LinStatic	-1601.68	0.00	7.494E-02	-1.547E-03	6.152E-02
94	1.64162	L	LinStatic	-1601.68	0.00	7.494E-02	-1.547E-03	1.388E-17
94	0.00000	W	LinStatic	2233.56	0.00	0.20	-5.103E-03	0.32
94	0.82081	W	LinStatic	2233.56	0.00	0.20	-5.103E-03	0.16
94	1.64162	W	LinStatic	2233.56	0.00	0.20	-5.103E-03	5.551E-17
94	0.00000	SX	LinStatic	-666.46	0.00	-0.81	2.242E-03	-1.32
94	0.82081	SX	LinStatic	-666.46	0.00	-0.81	2.242E-03	-0.66
94	1.64162	SX	LinStatic	-666.46	0.00	-0.81	2.242E-03	-2.220E-16
94	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
94	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
94	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
95	0.00000	D	LinStatic	-163.65	-4.18	2.749E-02	2.012E-04	4.512E-02
95	0.82081	D	LinStatic	-164.83	8.882E-16	2.749E-02	2.012E-04	2.256E-02
95	1.64162	D	LinStatic	-166.02	4.18	2.749E-02	2.012E-04	0.00
95	0.00000	L	LinStatic	-466.11	0.00	9.280E-02	-1.083E-03	0.15
95	0.82081	L	LinStatic	-466.11	0.00	9.280E-02	-1.083E-03	7.617E-02
95	1.64162	L	LinStatic	-466.11	0.00	9.280E-02	-1.083E-03	0.00
95	0.00000	W	LinStatic	802.02	0.00	0.26	-8.210E-03	0.42
95	0.82081	W	LinStatic	802.02	0.00	0.26	-8.210E-03	0.21
95	1.64162	W	LinStatic	802.02	0.00	0.26	-8.210E-03	-5.551E-17
95	0.00000	SX	LinStatic	-959.46	0.00	-0.82	-5.226E-03	-1.35
95	0.82081	SX	LinStatic	-959.46	0.00	-0.82	-5.226E-03	-0.67
95	1.64162	SX	LinStatic	-959.46	0.00	-0.82	-5.226E-03	0.00
95	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
95	0.82081	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
95	1.64162	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
96	0.00000	D	LinStatic	334.41	-2.52	6.616E-02	4.995E-03	6.681E-02
96	0.50488	D	LinStatic	333.52	4.441E-16	6.616E-02	4.995E-03	3.341E-02
96	1.00977	D	LinStatic	332.63	2.52	6.616E-02	4.995E-03	0.00
96	0.00000	L	LinStatic	1031.33	0.00	0.26	2.095E-02	0.27
96	0.50488	L	LinStatic	1031.33	0.00	0.26	2.095E-02	0.13
96	1.00977	L	LinStatic	1031.33	0.00	0.26	2.095E-02	0.00
96	0.00000	W	LinStatic	-1121.64	0.00	0.85	7.165E-02	0.86
96	0.50488	W	LinStatic	-1121.64	0.00	0.85	7.165E-02	0.43
96	1.00977	W	LinStatic	-1121.64	0.00	0.85	7.165E-02	0.00
96	0.00000	SX	LinStatic	-1264.29	0.00	-1.99	-0.13	-2.01
96	0.50488	SX	LinStatic	-1264.29	0.00	-1.99	-0.13	-1.00
96	1.00977	SX	LinStatic	-1264.29	0.00	-1.99	-0.13	0.00
96	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
96	0.50488	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
96	1.00977	SY	LinStatic	0.00	0.00	0.00	0.00	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
97	0.00000	D	LinStatic	23.66	-1.56	2.044E-02	-1.097E-02	1.292E-02
97	0.31608	D	LinStatic	23.04	2.220E-16	2.044E-02	-1.097E-02	6.460E-03
97	0.63215	D	LinStatic	22.42	1.56	2.044E-02	-1.097E-02	1.735E-18
97	0.00000	L	LinStatic	85.82	0.00	5.237E-02	-4.501E-02	3.311E-02
97	0.31608	L	LinStatic	85.82	0.00	5.237E-02	-4.501E-02	1.655E-02
97	0.63215	L	LinStatic	85.82	0.00	5.237E-02	-4.501E-02	0.00
97	0.00000	W	LinStatic	-29.79	0.00	5.422E-02	-6.135E-02	3.427E-02
97	0.31608	W	LinStatic	-29.79	0.00	5.422E-02	-6.135E-02	1.714E-02
97	0.63215	W	LinStatic	-29.79	0.00	5.422E-02	-6.135E-02	6.939E-18
97	0.00000	SX	LinStatic	-16.08	0.00	-1.27	0.24	-0.80
97	0.31608	SX	LinStatic	-16.08	0.00	-1.27	0.24	-0.40
97	0.63215	SX	LinStatic	-16.08	0.00	-1.27	0.24	-1.110E-16
97	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
97	0.31608	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
97	0.63215	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
98	0.00000	D	LinStatic	-402.72	-2.73	3.294E-03	-3.032E-04	4.662E-03
98	0.70763	D	LinStatic	-404.02	-1.332E-15	3.294E-03	-3.032E-04	2.331E-03
98	1.41527	D	LinStatic	-405.33	2.73	3.294E-03	-3.032E-04	-8.674E-19
98	0.00000	L	LinStatic	-1239.65	0.00	8.442E-03	-1.613E-03	1.195E-02
98	0.70763	L	LinStatic	-1239.65	0.00	8.442E-03	-1.613E-03	5.974E-03
98	1.41527	L	LinStatic	-1239.65	0.00	8.442E-03	-1.613E-03	0.00
98	0.00000	W	LinStatic	1401.71	0.00	8.740E-03	-8.294E-03	1.237E-02
98	0.70763	W	LinStatic	1401.71	0.00	8.740E-03	-8.294E-03	6.185E-03
98	1.41527	W	LinStatic	1401.71	0.00	8.740E-03	-8.294E-03	1.735E-18
98	0.00000	SX	LinStatic	1807.23	0.00	-0.21	5.072E-03	-0.29
98	0.70763	SX	LinStatic	1807.23	0.00	-0.21	5.072E-03	-0.15
98	1.41527	SX	LinStatic	1807.23	0.00	-0.21	5.072E-03	0.00
98	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
98	0.70763	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
98	1.41527	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
99	0.00000	D	LinStatic	-416.53	-0.69	3.685E-03	1.079E-02	3.688E-03
99	0.50030	D	LinStatic	-414.51	0.00	3.685E-03	1.079E-02	1.844E-03
99	1.00061	D	LinStatic	-412.48	0.69	3.685E-03	1.079E-02	-4.337E-19
99	0.00000	L	LinStatic	-1473.13	0.00	1.311E-02	4.418E-02	1.312E-02
99	0.50030	L	LinStatic	-1473.13	0.00	1.311E-02	4.418E-02	6.558E-03
99	1.00061	L	LinStatic	-1473.13	0.00	1.311E-02	4.418E-02	-1.735E-18
99	0.00000	W	LinStatic	1802.36	0.00	4.258E-02	0.14	4.261E-02
99	0.50030	W	LinStatic	1802.36	0.00	4.258E-02	0.14	2.130E-02
99	1.00061	W	LinStatic	1802.36	0.00	4.258E-02	0.14	-6.939E-18
99	0.00000	SX	LinStatic	285.64	0.00	-0.17	-0.28	-0.17
99	0.50030	SX	LinStatic	285.64	0.00	-0.17	-0.28	-8.457E-02
99	1.00061	SX	LinStatic	285.64	0.00	-0.17	-0.28	0.00
99	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
99	0.50030	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
99	1.00061	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
100	0.00000	D	LinStatic	633.59	-3.87	1.585E-02	4.886E-03	2.993E-02
100	0.94423	D	LinStatic	632.46	1.776E-15	1.585E-02	4.886E-03	1.496E-02
100	1.88846	D	LinStatic	631.34	3.87	1.585E-02	4.886E-03	0.00
100	0.00000	L	LinStatic	1976.56	0.00	6.324E-02	1.757E-02	0.12
100	0.94423	L	LinStatic	1976.56	0.00	6.324E-02	1.757E-02	5.971E-02
100	1.88846	L	LinStatic	1976.56	0.00	6.324E-02	1.757E-02	2.776E-17

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
100	0.00000	W	LinStatic	-2359.79	0.00	0.20	4.314E-03	0.39
100	0.94423	W	LinStatic	-2359.79	0.00	0.20	4.314E-03	0.19
100	1.88846	W	LinStatic	-2359.79	0.00	0.20	4.314E-03	5.551E-17
100	0.00000	SX	LinStatic	-400.65	0.00	-0.48	-2.074E-02	-0.90
100	0.94423	SX	LinStatic	-400.65	0.00	-0.48	-2.074E-02	-0.45
100	1.88846	SX	LinStatic	-400.65	0.00	-0.48	-2.074E-02	-1.110E-16
100	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
100	0.94423	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
100	1.88846	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
101	0.00000	D	LinStatic	-285.24	-0.50	-1.827E-02	3.316E-02	-1.828E-02
101	0.50014	D	LinStatic	-283.16	-5.551E-17	-1.827E-02	3.316E-02	-9.139E-03
101	1.00027	D	LinStatic	-281.08	0.50	-1.827E-02	3.316E-02	0.00
101	0.00000	L	LinStatic	-1073.87	0.00	-6.030E-02	0.11	-6.032E-02
101	0.50014	L	LinStatic	-1073.87	0.00	-6.030E-02	0.11	-3.016E-02
101	1.00027	L	LinStatic	-1073.87	0.00	-6.030E-02	0.11	0.00
101	0.00000	W	LinStatic	1284.40	0.00	0.15	-1.097E-02	0.15
101	0.50014	W	LinStatic	1284.40	0.00	0.15	-1.097E-02	7.398E-02
101	1.00027	W	LinStatic	1284.40	0.00	0.15	-1.097E-02	-2.776E-17
101	0.00000	SX	LinStatic	298.70	0.00	-0.28	-0.16	-0.28
101	0.50014	SX	LinStatic	298.70	0.00	-0.28	-0.16	-0.14
101	1.00027	SX	LinStatic	298.70	0.00	-0.28	-0.16	0.00
101	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
101	0.50014	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
101	1.00027	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
102	0.00000	D	LinStatic	370.83	-3.77	1.652E-02	2.405E-03	3.120E-02
102	0.94419	D	LinStatic	369.41	1.332E-15	1.652E-02	2.405E-03	1.560E-02
102	1.88838	D	LinStatic	367.98	3.77	1.652E-02	2.405E-03	0.00
102	0.00000	L	LinStatic	1476.95	0.00	5.578E-02	7.820E-03	0.11
102	0.94419	L	LinStatic	1476.95	0.00	5.578E-02	7.820E-03	5.267E-02
102	1.88838	L	LinStatic	1476.95	0.00	5.578E-02	7.820E-03	0.00
102	0.00000	W	LinStatic	-1730.32	0.00	0.15	2.152E-02	0.29
102	0.94419	W	LinStatic	-1730.32	0.00	0.15	2.152E-02	0.15
102	1.88838	W	LinStatic	-1730.32	0.00	0.15	2.152E-02	0.00
102	0.00000	SX	LinStatic	-411.99	0.00	-0.49	-6.469E-02	-0.93
102	0.94419	SX	LinStatic	-411.99	0.00	-0.49	-6.469E-02	-0.47
102	1.88838	SX	LinStatic	-411.99	0.00	-0.49	-6.469E-02	0.00
102	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
102	0.94419	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
102	1.88838	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
103	0.00000	D	LinStatic	-160.82	-0.33	1.488E-03	7.491E-03	1.488E-03
103	0.50006	D	LinStatic	-158.71	0.00	1.488E-03	7.491E-03	7.442E-04
103	1.00012	D	LinStatic	-156.60	0.33	1.488E-03	7.491E-03	0.00
103	0.00000	L	LinStatic	-697.34	0.00	6.067E-03	3.080E-02	6.068E-03
103	0.50006	L	LinStatic	-697.34	0.00	6.067E-03	3.080E-02	3.034E-03
103	1.00012	L	LinStatic	-697.34	0.00	6.067E-03	3.080E-02	-8.674E-19
103	0.00000	W	LinStatic	816.61	0.00	1.748E-02	7.901E-02	1.748E-02
103	0.50006	W	LinStatic	816.61	0.00	1.748E-02	7.901E-02	8.742E-03
103	1.00012	W	LinStatic	816.61	0.00	1.748E-02	7.901E-02	0.00
103	0.00000	SX	LinStatic	282.68	0.00	-6.862E-02	-0.33	-6.863E-02
103	0.50006	SX	LinStatic	282.68	0.00	-6.862E-02	-0.33	-3.431E-02
103	1.00012	SX	LinStatic	282.68	0.00	-6.862E-02	-0.33	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
103	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
103	0.50006	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
103	1.00012	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
104	0.00000	D	LinStatic	251.47	-3.65	1.042E-02	1.888E-03	1.968E-02
104	0.94417	D	LinStatic	249.75	2.665E-15	1.042E-02	1.888E-03	9.839E-03
104	1.88834	D	LinStatic	248.04	3.65	1.042E-02	1.888E-03	3.469E-18
104	0.00000	L	LinStatic	855.61	0.00	4.276E-02	7.619E-03	8.074E-02
104	0.94417	L	LinStatic	855.61	0.00	4.276E-02	7.619E-03	4.037E-02
104	1.88834	L	LinStatic	855.61	0.00	4.276E-02	7.619E-03	1.388E-17
104	0.00000	W	LinStatic	-969.87	0.00	0.11	2.001E-02	0.21
104	0.94417	W	LinStatic	-969.87	0.00	0.11	2.001E-02	0.11
104	1.88834	W	LinStatic	-969.87	0.00	0.11	2.001E-02	5.551E-17
104	0.00000	SX	LinStatic	-441.61	0.00	-0.46	-7.372E-02	-0.87
104	0.94417	SX	LinStatic	-441.61	0.00	-0.46	-7.372E-02	-0.43
104	1.88834	SX	LinStatic	-441.61	0.00	-0.46	-7.372E-02	-1.110E-16
104	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
104	0.94417	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
104	1.88834	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
105	0.00000	D	LinStatic	-80.08	-0.17	4.898E-04	4.084E-03	4.898E-04
105	0.50002	D	LinStatic	-77.96	0.00	4.898E-04	4.084E-03	2.449E-04
105	1.00003	D	LinStatic	-75.83	0.17	4.898E-04	4.084E-03	-1.084E-19
105	0.00000	L	LinStatic	-309.61	0.00	2.193E-03	1.869E-02	2.193E-03
105	0.50002	L	LinStatic	-309.61	0.00	2.193E-03	1.869E-02	1.097E-03
105	1.00003	L	LinStatic	-309.61	0.00	2.193E-03	1.869E-02	0.00
105	0.00000	W	LinStatic	347.37	0.00	5.929E-03	5.154E-02	5.929E-03
105	0.50002	W	LinStatic	347.37	0.00	5.929E-03	5.154E-02	2.965E-03
105	1.00003	W	LinStatic	347.37	0.00	5.929E-03	5.154E-02	0.00
105	0.00000	SX	LinStatic	267.18	0.00	-3.553E-02	-0.33	-3.553E-02
105	0.50002	SX	LinStatic	267.18	0.00	-3.553E-02	-0.33	-1.777E-02
105	1.00003	SX	LinStatic	267.18	0.00	-3.553E-02	-0.33	0.00
105	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
105	0.50002	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
105	1.00003	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
106	0.00000	D	LinStatic	127.91	-3.50	5.673E-03	-9.892E-03	1.071E-02
106	0.94416	D	LinStatic	125.91	8.882E-16	5.673E-03	-9.892E-03	5.356E-03
106	1.88832	D	LinStatic	123.92	3.50	5.673E-03	-9.892E-03	0.00
106	0.00000	L	LinStatic	216.06	0.00	2.581E-02	-3.762E-02	4.874E-02
106	0.94416	L	LinStatic	216.06	0.00	2.581E-02	-3.762E-02	2.437E-02
106	1.88832	L	LinStatic	216.06	0.00	2.581E-02	-3.762E-02	6.939E-18
106	0.00000	W	LinStatic	-203.54	0.00	7.080E-02	6.774E-02	0.13
106	0.94416	W	LinStatic	-203.54	0.00	7.080E-02	6.774E-02	6.684E-02
106	1.88832	W	LinStatic	-203.54	0.00	7.080E-02	6.774E-02	0.00
106	0.00000	SX	LinStatic	-458.34	0.00	-0.44	-5.500E-02	-0.84
106	0.94416	SX	LinStatic	-458.34	0.00	-0.44	-5.500E-02	-0.42
106	1.88832	SX	LinStatic	-458.34	0.00	-0.44	-5.500E-02	-1.110E-16
106	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
106	0.94416	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
106	1.88832	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
107	0.00000	D	LinStatic	123.99	-3.50	4.382E-02	-1.288E-02	8.275E-02
107	0.94416	D	LinStatic	125.98	-1.332E-15	4.382E-02	-1.288E-02	4.138E-02
107	1.88832	D	LinStatic	127.98	3.50	4.382E-02	-1.288E-02	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
107	0.00000	L	LinStatic	216.15	0.00	0.17	-5.111E-02	0.32
107	0.94416	L	LinStatic	216.15	0.00	0.17	-5.111E-02	0.16
107	1.88832	L	LinStatic	216.15	0.00	0.17	-5.111E-02	0.00
107	0.00000	W	LinStatic	-295.19	0.00	-0.19	5.457E-02	-0.36
107	0.94416	W	LinStatic	-295.19	0.00	-0.19	5.457E-02	-0.18
107	1.88832	W	LinStatic	-295.19	0.00	-0.19	5.457E-02	5.551E-17
107	0.00000	SX	LinStatic	459.98	0.00	-0.23	-5.671E-02	-0.44
107	0.94416	SX	LinStatic	459.98	0.00	-0.23	-5.671E-02	-0.22
107	1.88832	SX	LinStatic	459.98	0.00	-0.23	-5.671E-02	5.551E-17
107	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
107	0.94416	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
107	1.88832	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
108	0.00000	D	LinStatic	-75.86	-0.17	-1.876E-03	-4.674E-03	-1.876E-03
108	0.50002	D	LinStatic	-77.98	0.00	-1.876E-03	-4.674E-03	-9.382E-04
108	1.00003	D	LinStatic	-80.11	0.17	-1.876E-03	-4.674E-03	-2.168E-19
108	0.00000	L	LinStatic	-309.65	0.00	-8.405E-03	-2.100E-02	-8.406E-03
108	0.50002	L	LinStatic	-309.65	0.00	-8.405E-03	-2.100E-02	-4.203E-03
108	1.00003	L	LinStatic	-309.65	0.00	-8.405E-03	-2.100E-02	0.00
108	0.00000	W	LinStatic	401.93	0.00	6.414E-03	1.689E-02	6.414E-03
108	0.50002	W	LinStatic	401.93	0.00	6.414E-03	1.689E-02	3.207E-03
108	1.00003	W	LinStatic	401.93	0.00	6.414E-03	1.689E-02	0.00
108	0.00000	SX	LinStatic	-268.06	0.00	-0.14	-0.36	-0.14
108	0.50002	SX	LinStatic	-268.06	0.00	-0.14	-0.36	-7.209E-02
108	1.00003	SX	LinStatic	-268.06	0.00	-0.14	-0.36	-2.776E-17
108	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
108	0.50002	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
108	1.00003	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
109	0.00000	D	LinStatic	248.06	-3.65	-1.157E-03	-2.065E-03	-2.185E-03
109	0.94417	D	LinStatic	249.78	1.332E-15	-1.157E-03	-2.065E-03	-1.092E-03
109	1.88834	D	LinStatic	251.49	3.65	-1.157E-03	-2.065E-03	8.674E-19
109	0.00000	L	LinStatic	855.55	0.00	-5.117E-03	-8.318E-03	-9.662E-03
109	0.94417	L	LinStatic	855.55	0.00	-5.117E-03	-8.318E-03	-4.831E-03
109	1.88834	L	LinStatic	855.55	0.00	-5.117E-03	-8.318E-03	1.735E-18
109	0.00000	W	LinStatic	-1060.91	0.00	2.989E-03	-5.497E-03	5.645E-03
109	0.94417	W	LinStatic	-1060.91	0.00	2.989E-03	-5.497E-03	2.823E-03
109	1.88834	W	LinStatic	-1060.91	0.00	2.989E-03	-5.497E-03	-1.735E-18
109	0.00000	SX	LinStatic	443.20	0.00	-8.382E-02	-8.196E-02	-0.16
109	0.94417	SX	LinStatic	443.20	0.00	-8.382E-02	-8.196E-02	-7.914E-02
109	1.88834	SX	LinStatic	443.20	0.00	-8.382E-02	-8.196E-02	5.551E-17
109	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
109	0.94417	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
109	1.88834	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
110	0.00000	D	LinStatic	-156.61	-0.33	-6.634E-03	-8.429E-03	-6.634E-03
110	0.50001	D	LinStatic	-158.72	-5.551E-17	-6.634E-03	-8.429E-03	-3.317E-03
110	1.00002	D	LinStatic	-160.83	0.33	-6.634E-03	-8.429E-03	0.00
110	0.00000	L	LinStatic	-697.30	0.00	-2.700E-02	-3.438E-02	-2.700E-02
110	0.50001	L	LinStatic	-697.30	0.00	-2.700E-02	-3.438E-02	-1.350E-02
110	1.00002	L	LinStatic	-697.30	0.00	-2.700E-02	-3.438E-02	-3.469E-18
110	0.00000	W	LinStatic	876.85	0.00	-1.394E-02	-1.705E-02	-1.394E-02
110	0.50001	W	LinStatic	876.85	0.00	-1.394E-02	-1.705E-02	-6.968E-03
110	1.00002	W	LinStatic	876.85	0.00	-1.394E-02	-1.705E-02	-3.469E-18

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
110	0.00000	SX	LinStatic	-283.64	0.00	-0.29	-0.36	-0.29
110	0.50001	SX	LinStatic	-283.64	0.00	-0.29	-0.36	-0.14
110	1.00002	SX	LinStatic	-283.64	0.00	-0.29	-0.36	-5.551E-17
110	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
110	0.50001	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
110	1.00002	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
111	0.00000	D	LinStatic	245.99	-0.76	1.935E-02	-1.070E-02	1.936E-02
111	0.50032	D	LinStatic	247.99	1.110E-16	1.935E-02	-1.070E-02	9.681E-03
111	1.00065	D	LinStatic	249.99	0.76	1.935E-02	-1.070E-02	-3.469E-18
111	0.00000	L	LinStatic	787.85	0.00	2.624E-02	-1.252E-02	2.625E-02
111	0.50032	L	LinStatic	787.85	0.00	2.624E-02	-1.252E-02	1.313E-02
111	1.00065	L	LinStatic	787.85	0.00	2.624E-02	-1.252E-02	-3.469E-18
111	0.00000	W	LinStatic	-871.88	0.00	-2.077E-02	1.763E-02	-2.078E-02
111	0.50032	W	LinStatic	-871.88	0.00	-2.077E-02	1.763E-02	-1.039E-02
111	1.00065	W	LinStatic	-871.88	0.00	-2.077E-02	1.763E-02	0.00
111	0.00000	SX	LinStatic	-1282.09	0.00	-1.80	1.05	-1.80
111	0.50032	SX	LinStatic	-1282.09	0.00	-1.80	1.05	-0.90
111	1.00065	SX	LinStatic	-1282.09	0.00	-1.80	1.05	0.00
111	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
111	0.50032	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
111	1.00065	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
112	0.00000	D	LinStatic	39.20	-0.74	5.283E-03	-2.455E-03	4.124E-03
112	0.39029	D	LinStatic	37.71	-1.110E-16	5.283E-03	-2.455E-03	2.062E-03
112	0.78059	D	LinStatic	36.21	0.74	5.283E-03	-2.455E-03	8.674E-19
112	0.00000	L	LinStatic	122.58	0.00	1.354E-02	-1.145E-02	1.057E-02
112	0.39029	L	LinStatic	122.58	0.00	1.354E-02	-1.145E-02	5.283E-03
112	0.78059	L	LinStatic	122.58	0.00	1.354E-02	-1.145E-02	1.735E-18
112	0.00000	W	LinStatic	-169.60	0.00	1.401E-02	-1.595E-02	1.094E-02
112	0.39029	W	LinStatic	-169.60	0.00	1.401E-02	-1.595E-02	5.470E-03
112	0.78059	W	LinStatic	-169.60	0.00	1.401E-02	-1.595E-02	1.735E-18
112	0.00000	SX	LinStatic	4.51	0.00	-0.33	1.624E-02	-0.26
112	0.39029	SX	LinStatic	4.51	0.00	-0.33	1.624E-02	-0.13
112	0.78059	SX	LinStatic	4.51	0.00	-0.33	1.624E-02	-5.551E-17
112	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
112	0.39029	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
112	0.78059	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
113	0.00000	D	LinStatic	246.20	-0.75	-1.922E-02	9.551E-03	-1.923E-02
113	0.50033	D	LinStatic	248.20	-2.220E-16	-1.922E-02	9.551E-03	-9.614E-03
113	1.00066	D	LinStatic	250.20	0.75	-1.922E-02	9.551E-03	-3.469E-18
113	0.00000	L	LinStatic	788.39	0.00	-3.161E-02	1.236E-02	-3.163E-02
113	0.50033	L	LinStatic	788.39	0.00	-3.161E-02	1.236E-02	-1.582E-02
113	1.00066	L	LinStatic	788.39	0.00	-3.161E-02	1.236E-02	-6.939E-18
113	0.00000	W	LinStatic	-1176.56	0.00	4.822E-02	-2.985E-02	4.825E-02
113	0.50033	W	LinStatic	-1176.56	0.00	4.822E-02	-2.985E-02	2.412E-02
113	1.00066	W	LinStatic	-1176.56	0.00	4.822E-02	-2.985E-02	6.939E-18
113	0.00000	SX	LinStatic	1285.38	0.00	-3.02	1.69	-3.02
113	0.50033	SX	LinStatic	1285.38	0.00	-3.02	1.69	-1.51
113	1.00066	SX	LinStatic	1285.38	0.00	-3.02	1.69	-4.441E-16
113	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
113	0.50033	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
113	1.00066	SY	LinStatic	0.00	0.00	0.00	0.00	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
114	0.00000	D	LinStatic	-34.55	-4.622E-08	3.869E-09	-4.579E-02	3.869E-09
114	0.50000	D	LinStatic	-32.42	0.00	3.869E-09	-4.579E-02	1.934E-09
114	1.00000	D	LinStatic	-30.28	4.622E-08	3.869E-09	-4.579E-02	0.00
114	0.00000	L	LinStatic	-125.18	0.00	1.508E-08	-0.18	1.508E-08
114	0.50000	L	LinStatic	-125.18	0.00	1.508E-08	-0.18	7.542E-09
114	1.00000	L	LinStatic	-125.18	0.00	1.508E-08	-0.18	0.00
114	0.00000	W	LinStatic	152.89	0.00	-1.681E-08	0.25	-1.681E-08
114	0.50000	W	LinStatic	152.89	0.00	-1.681E-08	0.25	-8.406E-09
114	1.00000	W	LinStatic	152.89	0.00	-1.681E-08	0.25	0.00
114	0.00000	SX	LinStatic	-6.89	0.00	-2.041E-08	-0.23	-2.041E-08
114	0.50000	SX	LinStatic	-6.89	0.00	-2.041E-08	-0.23	-1.020E-08
114	1.00000	SX	LinStatic	-6.89	0.00	-2.041E-08	-0.23	0.00
114	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
114	0.50000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
114	1.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
115	0.00000	D	LinStatic	368.06	-3.77	-1.881E-03	-2.585E-03	-3.552E-03
115	0.94417	D	LinStatic	369.48	0.00	-1.881E-03	-2.585E-03	-1.776E-03
115	1.88833	D	LinStatic	370.90	3.77	-1.881E-03	-2.585E-03	8.674E-19
115	0.00000	L	LinStatic	1477.09	0.00	-7.574E-03	-8.366E-03	-1.430E-02
115	0.94417	L	LinStatic	1477.09	0.00	-7.574E-03	-8.366E-03	-7.151E-03
115	1.88833	L	LinStatic	1477.09	0.00	-7.574E-03	-8.366E-03	5.204E-18
115	0.00000	W	LinStatic	-1820.64	0.00	-4.674E-03	-7.846E-03	-8.827E-03
115	0.94417	W	LinStatic	-1820.64	0.00	-4.674E-03	-7.846E-03	-4.413E-03
115	1.88833	W	LinStatic	-1820.64	0.00	-4.674E-03	-7.846E-03	3.469E-18
115	0.00000	SX	LinStatic	413.21	0.00	-8.363E-02	-7.131E-02	-0.16
115	0.94417	SX	LinStatic	413.21	0.00	-8.363E-02	-7.131E-02	-7.896E-02
115	1.88833	SX	LinStatic	413.21	0.00	-8.363E-02	-7.131E-02	2.776E-17
115	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
115	0.94417	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
115	1.88833	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
116	0.00000	D	LinStatic	-281.11	-0.50	-1.499E-02	-3.020E-02	-1.500E-02
116	0.50014	D	LinStatic	-283.19	-1.110E-16	-1.499E-02	-3.020E-02	-7.499E-03
116	1.00027	D	LinStatic	-285.26	0.50	-1.499E-02	-3.020E-02	-1.735E-18
116	0.00000	L	LinStatic	-1073.95	0.00	-4.985E-02	-0.10	-4.986E-02
116	0.50014	L	LinStatic	-1073.95	0.00	-4.985E-02	-0.10	-2.493E-02
116	1.00027	L	LinStatic	-1073.95	0.00	-4.985E-02	-0.10	0.00
116	0.00000	W	LinStatic	1316.03	0.00	-4.460E-02	2.803E-02	-4.461E-02
116	0.50014	W	LinStatic	1316.03	0.00	-4.460E-02	2.803E-02	-2.230E-02
116	1.00027	W	LinStatic	1316.03	0.00	-4.460E-02	2.803E-02	0.00
116	0.00000	SX	LinStatic	-299.46	0.00	-0.44	-0.22	-0.44
116	0.50014	SX	LinStatic	-299.46	0.00	-0.44	-0.22	-0.22
116	1.00027	SX	LinStatic	-299.46	0.00	-0.44	-0.22	0.00
116	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
116	0.50014	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
116	1.00027	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
117	0.00000	D	LinStatic	631.46	-3.87	1.736E-02	-4.488E-03	3.278E-02
117	0.94423	D	LinStatic	632.58	-1.332E-15	1.736E-02	-4.488E-03	1.639E-02
117	1.88846	D	LinStatic	633.71	3.87	1.736E-02	-4.488E-03	6.939E-18
117	0.00000	L	LinStatic	1976.79	0.00	5.956E-02	-1.658E-02	0.11
117	0.94423	L	LinStatic	1976.79	0.00	5.956E-02	-1.658E-02	5.624E-02
117	1.88846	L	LinStatic	1976.79	0.00	5.956E-02	-1.658E-02	1.388E-17

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
117	0.00000	W	LinStatic	-2391.91	0.00	-8.397E-02	-2.058E-03	-0.16
117	0.94423	W	LinStatic	-2391.91	0.00	-8.397E-02	-2.058E-03	-7.929E-02
117	1.88846	W	LinStatic	-2391.91	0.00	-8.397E-02	-2.058E-03	-5.551E-17
117	0.00000	SX	LinStatic	401.63	0.00	-0.26	-3.043E-02	-0.50
117	0.94423	SX	LinStatic	401.63	0.00	-0.26	-3.043E-02	-0.25
117	1.88846	SX	LinStatic	401.63	0.00	-0.26	-3.043E-02	-1.110E-16
117	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
117	0.94423	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
117	1.88846	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
118	0.00000	D	LinStatic	-412.49	-0.69	-1.990E-02	-1.225E-02	-1.991E-02
118	0.50030	D	LinStatic	-414.51	-2.220E-16	-1.990E-02	-1.225E-02	-9.957E-03
118	1.00061	D	LinStatic	-416.53	0.69	-1.990E-02	-1.225E-02	0.00
118	0.00000	L	LinStatic	-1473.11	0.00	-7.900E-02	-4.972E-02	-7.905E-02
118	0.50030	L	LinStatic	-1473.11	0.00	-7.900E-02	-4.972E-02	-3.953E-02
118	1.00061	L	LinStatic	-1473.11	0.00	-7.900E-02	-4.972E-02	1.388E-17
118	0.00000	W	LinStatic	1760.70	0.00	-0.12	-7.646E-02	-0.12
118	0.50030	W	LinStatic	1760.70	0.00	-0.12	-7.646E-02	-5.949E-02
118	1.00061	W	LinStatic	1760.70	0.00	-0.12	-7.646E-02	2.776E-17
118	0.00000	SX	LinStatic	-286.20	0.00	-0.59	-0.31	-0.59
118	0.50030	SX	LinStatic	-286.20	0.00	-0.59	-0.31	-0.29
118	1.00061	SX	LinStatic	-286.20	0.00	-0.59	-0.31	0.00
118	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
118	0.50030	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
118	1.00061	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
119	0.00000	D	LinStatic	-404.34	-2.71	-3.639E-03	-3.698E-04	-5.135E-03
119	0.70555	D	LinStatic	-403.03	0.00	-3.639E-03	-3.698E-04	-2.568E-03
119	1.41109	D	LinStatic	-401.72	2.71	-3.639E-03	-3.698E-04	0.00
119	0.00000	L	LinStatic	-1236.36	0.00	-1.231E-02	-6.743E-04	-1.736E-02
119	0.70555	L	LinStatic	-1236.36	0.00	-1.231E-02	-6.743E-04	-8.682E-03
119	1.41109	L	LinStatic	-1236.36	0.00	-1.231E-02	-6.743E-04	3.469E-18
119	0.00000	W	LinStatic	1800.55	0.00	-1.531E-02	3.007E-03	-2.160E-02
119	0.70555	W	LinStatic	1800.55	0.00	-1.531E-02	3.007E-03	-1.080E-02
119	1.41109	W	LinStatic	1800.55	0.00	-1.531E-02	3.007E-03	3.469E-18
119	0.00000	SX	LinStatic	-1806.77	0.00	-0.21	-5.376E-02	-0.30
119	0.70555	SX	LinStatic	-1806.77	0.00	-0.21	-5.376E-02	-0.15
119	1.41109	SX	LinStatic	-1806.77	0.00	-0.21	-5.376E-02	5.551E-17
119	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
119	0.70555	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
119	1.41109	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
120	0.00000	D	LinStatic	39.25	-0.75	-9.398E-03	4.195E-03	-7.378E-03
120	0.39253	D	LinStatic	37.76	-2.220E-16	-9.398E-03	4.195E-03	-3.689E-03
120	0.78505	D	LinStatic	36.26	0.75	-9.398E-03	4.195E-03	0.00
120	0.00000	L	LinStatic	122.68	0.00	-2.618E-02	1.858E-02	-2.055E-02
120	0.39253	L	LinStatic	122.68	0.00	-2.618E-02	1.858E-02	-1.028E-02
120	0.78505	L	LinStatic	122.68	0.00	-2.618E-02	1.858E-02	0.00
120	0.00000	W	LinStatic	-143.37	0.00	4.794E-03	3.488E-03	3.764E-03
120	0.39253	W	LinStatic	-143.37	0.00	4.794E-03	3.488E-03	1.882E-03
120	0.78505	W	LinStatic	-143.37	0.00	4.794E-03	3.488E-03	-4.337E-19
120	0.00000	SX	LinStatic	-4.51	0.00	-0.86	-1.469E-02	-0.68
120	0.39253	SX	LinStatic	-4.51	0.00	-0.86	-1.469E-02	-0.34
120	0.78505	SX	LinStatic	-4.51	0.00	-0.86	-1.469E-02	-1.110E-16

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
120	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
120	0.39253	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
120	0.78505	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
121	0.00000	D	LinStatic	191.43	-1.07	-9.245E-03	-4.225E-03	-1.269E-02
121	0.68616	D	LinStatic	188.70	-4.441E-16	-9.245E-03	-4.225E-03	-6.343E-03
121	1.37232	D	LinStatic	185.97	1.07	-9.245E-03	-4.225E-03	0.00
121	0.00000	L	LinStatic	593.02	0.00	-1.616E-02	-7.366E-03	-2.217E-02
121	0.68616	L	LinStatic	593.02	0.00	-1.616E-02	-7.366E-03	-1.109E-02
121	1.37232	L	LinStatic	593.02	0.00	-1.616E-02	-7.366E-03	0.00
121	0.00000	W	LinStatic	-765.79	0.00	2.567E-02	1.186E-02	3.523E-02
121	0.68616	W	LinStatic	-765.79	0.00	2.567E-02	1.186E-02	1.762E-02
121	1.37232	W	LinStatic	-765.79	0.00	2.567E-02	1.186E-02	0.00
121	0.00000	SX	LinStatic	399.77	0.00	-0.18	-7.425E-02	-0.25
121	0.68616	SX	LinStatic	399.77	0.00	-0.18	-7.425E-02	-0.13
121	1.37232	SX	LinStatic	399.77	0.00	-0.18	-7.425E-02	0.00
121	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
121	0.68616	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
121	1.37232	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
122	0.00000	D	LinStatic	-422.70	-1.06	-3.202E-03	-1.342E-03	-4.279E-03
122	0.66812	D	LinStatic	-419.32	4.441E-16	-3.202E-03	-1.342E-03	-2.139E-03
122	1.33625	D	LinStatic	-415.94	1.06	-3.202E-03	-1.342E-03	-8.674E-19
122	0.00000	L	LinStatic	-1334.61	0.00	-5.613E-03	-2.353E-03	-7.500E-03
122	0.66812	L	LinStatic	-1334.61	0.00	-5.613E-03	-2.353E-03	-3.750E-03
122	1.33625	L	LinStatic	-1334.61	0.00	-5.613E-03	-2.353E-03	-1.735E-18
122	0.00000	W	LinStatic	1723.39	0.00	8.779E-03	3.680E-03	1.173E-02
122	0.66812	W	LinStatic	1723.39	0.00	8.779E-03	3.680E-03	5.865E-03
122	1.33625	W	LinStatic	1723.39	0.00	8.779E-03	3.680E-03	3.469E-18
122	0.00000	SX	LinStatic	-907.47	0.00	-7.194E-02	-3.015E-02	-9.613E-02
122	0.66812	SX	LinStatic	-907.47	0.00	-7.194E-02	-3.015E-02	-4.806E-02
122	1.33625	SX	LinStatic	-907.47	0.00	-7.194E-02	-3.015E-02	0.00
122	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
122	0.66812	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
122	1.33625	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
197	0.00000	D	LinStatic	77.96	-1.855E-02	-4.023E-04	3.494E-02	-5.085E-04
197	0.63200	D	LinStatic	81.31	6.939E-18	-4.023E-04	3.494E-02	-2.543E-04
197	1.26399	D	LinStatic	84.65	1.855E-02	-4.023E-04	3.494E-02	-1.084E-19
197	0.00000	L	LinStatic	438.64	0.00	-8.912E-05	2.225E-02	-1.127E-04
197	0.63200	L	LinStatic	438.64	0.00	-8.912E-05	2.225E-02	-5.633E-05
197	1.26399	L	LinStatic	438.64	0.00	-8.912E-05	2.225E-02	0.00
197	0.00000	W	LinStatic	-438.87	0.00	1.763E-04	-2.343E-02	2.228E-04
197	0.63200	W	LinStatic	-438.87	0.00	1.763E-04	-2.343E-02	1.114E-04
197	1.26399	W	LinStatic	-438.87	0.00	1.763E-04	-2.343E-02	-2.711E-20
197	0.00000	SX	LinStatic	-1181.23	0.00	4.101E-02	-3.45	5.183E-02
197	0.63200	SX	LinStatic	-1181.23	0.00	4.101E-02	-3.45	2.592E-02
197	1.26399	SX	LinStatic	-1181.23	0.00	4.101E-02	-3.45	-6.939E-18
197	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
197	0.63200	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
197	1.26399	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
201	0.00000	D	LinStatic	77.86	-1.855E-02	-5.412E-04	1.690E-02	-6.841E-04
201	0.63200	D	LinStatic	81.21	3.469E-18	-5.412E-04	1.690E-02	-3.420E-04
201	1.26399	D	LinStatic	84.56	1.855E-02	-5.412E-04	1.690E-02	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
201	0.00000	L	LinStatic	438.58	0.00	-9.456E-04	3.084E-02	-1.195E-03
201	0.63200	L	LinStatic	438.58	0.00	-9.456E-04	3.084E-02	-5.976E-04
201	1.26399	L	LinStatic	438.58	0.00	-9.456E-04	3.084E-02	0.00
201	0.00000	W	LinStatic	-737.62	0.00	1.505E-03	-5.050E-02	1.902E-03
201	0.63200	W	LinStatic	-737.62	0.00	1.505E-03	-5.050E-02	9.512E-04
201	1.26399	W	LinStatic	-737.62	0.00	1.505E-03	-5.050E-02	2.168E-19
201	0.00000	SX	LinStatic	1173.16	0.00	-1.057E-02	-1.45	-1.336E-02
201	0.63200	SX	LinStatic	1173.16	0.00	-1.057E-02	-1.45	-6.678E-03
201	1.26399	SX	LinStatic	1173.16	0.00	-1.057E-02	-1.45	-1.735E-18
201	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
201	0.63200	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
201	1.26399	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
268	0.00000	D	LinStatic	-743.41	0.65	-2.655E-03	1.413E-03	-1.718E-03
268	1.44138	D	LinStatic	-751.01	1.41	-2.655E-03	1.413E-03	2.109E-03
268	1.44138	D	LinStatic	-670.28	-1.41	-8.750E-04	-7.623E-04	-1.261E-03
268	2.88275	D	LinStatic	-677.87	-0.65	-8.750E-04	-7.623E-04	4.337E-19
268	0.00000	L	LinStatic	-2458.30	3.20	-6.438E-03	2.923E-04	-4.599E-03
268	1.44138	L	LinStatic	-2458.30	3.20	-6.438E-03	2.923E-04	4.680E-03
268	1.44138	L	LinStatic	-2199.64	-3.20	-1.672E-03	-1.786E-03	-2.411E-03
268	2.88275	L	LinStatic	-2199.64	-3.20	-1.672E-03	-1.786E-03	4.337E-19
268	0.00000	W	LinStatic	3172.98	-4.32	-1.002E-03	-1.201E-02	-2.385E-03
268	1.44138	W	LinStatic	3172.98	-4.32	-1.002E-03	-1.201E-02	-9.401E-04
268	1.44138	W	LinStatic	2840.17	4.32	1.469E-03	-9.255E-04	2.117E-03
268	2.88275	W	LinStatic	2840.17	4.32	1.469E-03	-9.255E-04	-4.337E-19
268	0.00000	SX	LinStatic	-1618.77	3.13	-0.23	0.22	-0.14
268	1.44138	SX	LinStatic	-1618.77	3.13	-0.23	0.22	0.20
268	1.44138	SX	LinStatic	-1482.00	-3.13	-8.973E-02	-0.24	-0.13
268	2.88275	SX	LinStatic	-1482.00	-3.13	-8.973E-02	-0.24	2.776E-17
268	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
268	1.44138	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
268	1.44138	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
268	2.88275	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
269	0.00000	D	LinStatic	-58.42	-1.65	-0.20	6.783E-03	-0.16
269	0.39327	D	LinStatic	-58.09	-8.882E-16	-0.20	6.783E-03	-7.878E-02
269	0.78655	D	LinStatic	-57.76	1.65	-0.20	6.783E-03	0.00
269	0.00000	L	LinStatic	-179.08	0.00	-0.35	1.170E-02	-0.28
269	0.39327	L	LinStatic	-179.08	0.00	-0.35	1.170E-02	-0.14
269	0.78655	L	LinStatic	-179.08	0.00	-0.35	1.170E-02	0.00
269	0.00000	W	LinStatic	230.09	0.00	0.56	-1.986E-02	0.44
269	0.39327	W	LinStatic	230.09	0.00	0.56	-1.986E-02	0.22
269	0.78655	W	LinStatic	230.09	0.00	0.56	-1.986E-02	-5.551E-17
269	0.00000	SX	LinStatic	-95.28	0.00	-3.91	5.756E-02	-3.08
269	0.39327	SX	LinStatic	-95.28	0.00	-3.91	5.756E-02	-1.54
269	0.78655	SX	LinStatic	-95.28	0.00	-3.91	5.756E-02	0.00
269	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
269	0.39327	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
269	0.78655	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
270	0.00000	D	LinStatic	87.76	-1.66	-4.681E-03	-5.876E-03	-6.344E-03
270	0.67771	D	LinStatic	90.13	-2.220E-16	-4.681E-03	-5.876E-03	-3.172E-03
270	1.35541	D	LinStatic	92.50	1.66	-4.681E-03	-5.876E-03	8.674E-19
270	0.00000	L	LinStatic	272.25	0.00	-8.947E-03	-9.086E-03	-1.213E-02

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
270	0.67771	L	LinStatic	272.25	0.00	-8.947E-03	-9.086E-03	-6.063E-03
270	1.35541	L	LinStatic	272.25	0.00	-8.947E-03	-9.086E-03	0.00
270	0.00000	W	LinStatic	-350.43	0.00	7.856E-03	1.656E-02	1.065E-02
270	0.67771	W	LinStatic	-350.43	0.00	7.856E-03	1.656E-02	5.324E-03
270	1.35541	W	LinStatic	-350.43	0.00	7.856E-03	1.656E-02	0.00
270	0.00000	SX	LinStatic	144.16	0.00	-0.48	-1.04	-0.65
270	0.67771	SX	LinStatic	144.16	0.00	-0.48	-1.04	-0.33
270	1.35541	SX	LinStatic	144.16	0.00	-0.48	-1.04	0.00
270	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
270	0.67771	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
270	1.35541	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
271	0.00000	D	LinStatic	128.01	-1.34	-2.436E-03	-1.769E-02	-3.474E-03
271	0.71295	D	LinStatic	130.74	-4.441E-16	-2.436E-03	-1.769E-02	-1.737E-03
271	1.42591	D	LinStatic	133.48	1.34	-2.436E-03	-1.769E-02	0.00
271	0.00000	L	LinStatic	404.15	0.00	-4.307E-03	-3.088E-02	-6.141E-03
271	0.71295	L	LinStatic	404.15	0.00	-4.307E-03	-3.088E-02	-3.070E-03
271	1.42591	L	LinStatic	404.15	0.00	-4.307E-03	-3.088E-02	8.674E-19
271	0.00000	W	LinStatic	-521.55	0.00	6.435E-03	4.944E-02	9.176E-03
271	0.71295	W	LinStatic	-521.55	0.00	6.435E-03	4.944E-02	4.588E-03
271	1.42591	W	LinStatic	-521.55	0.00	6.435E-03	4.944E-02	-1.735E-18
271	0.00000	SX	LinStatic	263.15	0.00	-7.310E-02	-0.33	-0.10
271	0.71295	SX	LinStatic	263.15	0.00	-7.310E-02	-0.33	-5.212E-02
271	1.42591	SX	LinStatic	263.15	0.00	-7.310E-02	-0.33	0.00
271	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
271	0.71295	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
271	1.42591	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
272	0.00000	D	LinStatic	-677.76	0.65	1.787E-04	2.972E-03	-2.825E-04
272	1.44138	D	LinStatic	-670.16	1.41	1.787E-04	2.972E-03	-5.401E-04
272	1.44138	D	LinStatic	-750.82	-1.41	4.714E-04	6.850E-04	6.795E-04
272	2.88275	D	LinStatic	-743.22	-0.65	4.714E-04	6.850E-04	-2.168E-19
272	0.00000	L	LinStatic	-2199.42	3.20	2.481E-03	4.246E-03	1.200E-03
272	1.44138	L	LinStatic	-2199.42	3.20	2.481E-03	4.246E-03	-2.375E-03
272	1.44138	L	LinStatic	-2457.92	-3.20	1.237E-03	3.969E-03	1.783E-03
272	2.88275	L	LinStatic	-2457.92	-3.20	1.237E-03	3.969E-03	-6.505E-19
272	0.00000	W	LinStatic	2614.39	-3.71	3.732E-03	4.298E-03	2.095E-03
272	1.44138	W	LinStatic	2614.39	-3.71	3.732E-03	4.298E-03	-3.284E-03
272	1.44138	W	LinStatic	2922.21	3.71	1.561E-03	2.146E-02	2.251E-03
272	2.88275	W	LinStatic	2922.21	3.71	1.561E-03	2.146E-02	-4.337E-19
272	0.00000	SX	LinStatic	1481.45	-3.14	1.214E-02	-0.26	4.450E-02
272	1.44138	SX	LinStatic	1481.45	-3.14	1.214E-02	-0.26	2.700E-02
272	1.44138	SX	LinStatic	1614.44	3.14	-3.397E-02	1.162E-02	-4.896E-02
272	2.88275	SX	LinStatic	1614.44	3.14	-3.397E-02	1.162E-02	1.388E-17
272	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
272	1.44138	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
272	1.44138	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
272	2.88275	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
322	0.00000	D	LinStatic	-58.36	-1.65	-0.15	6.198E-03	-0.12
322	0.39327	D	LinStatic	-58.03	0.00	-0.15	6.198E-03	-5.856E-02
322	0.78655	D	LinStatic	-57.70	1.65	-0.15	6.198E-03	0.00
322	0.00000	L	LinStatic	-178.96	0.00	-3.299E-02	2.540E-03	-2.595E-02
322	0.39327	L	LinStatic	-178.96	0.00	-3.299E-02	2.540E-03	-1.297E-02

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
322	0.78655	L	LinStatic	-178.96	0.00	-3.299E-02	2.540E-03	0.00
322	0.00000	W	LinStatic	213.28	0.00	6.526E-02	-8.943E-04	5.133E-02
322	0.39327	W	LinStatic	213.28	0.00	6.526E-02	-8.943E-04	2.566E-02
322	0.78655	W	LinStatic	213.28	0.00	6.526E-02	-8.943E-04	0.00
322	0.00000	SX	LinStatic	92.57	0.00	15.18	-0.62	11.94
322	0.39327	SX	LinStatic	92.57	0.00	15.18	-0.62	5.97
322	0.78655	SX	LinStatic	92.57	0.00	15.18	-0.62	0.00
322	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
322	0.39327	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
322	0.78655	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
323	0.00000	D	LinStatic	87.68	-1.66	2.522E-03	6.810E-03	3.418E-03
323	0.67771	D	LinStatic	90.05	4.441E-16	2.522E-03	6.810E-03	1.709E-03
323	1.35541	D	LinStatic	92.42	1.66	2.522E-03	6.810E-03	4.337E-19
323	0.00000	L	LinStatic	272.08	0.00	6.618E-03	7.741E-03	8.970E-03
323	0.67771	L	LinStatic	272.08	0.00	6.618E-03	7.741E-03	4.485E-03
323	1.35541	L	LinStatic	272.08	0.00	6.618E-03	7.741E-03	1.735E-18
323	0.00000	W	LinStatic	-323.94	0.00	8.353E-03	-1.247E-02	1.132E-02
323	0.67771	W	LinStatic	-323.94	0.00	8.353E-03	-1.247E-02	5.661E-03
323	1.35541	W	LinStatic	-323.94	0.00	8.353E-03	-1.247E-02	0.00
323	0.00000	SX	LinStatic	-140.22	0.00	-0.18	-0.66	-0.25
323	0.67771	SX	LinStatic	-140.22	0.00	-0.18	-0.66	-0.12
323	1.35541	SX	LinStatic	-140.22	0.00	-0.18	-0.66	-2.776E-17
323	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
323	0.67771	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
323	1.35541	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
324	0.00000	D	LinStatic	127.99	-1.34	-1.414E-03	-1.343E-02	-2.016E-03
324	0.71295	D	LinStatic	130.72	-2.220E-16	-1.414E-03	-1.343E-02	-1.008E-03
324	1.42591	D	LinStatic	133.45	1.34	-1.414E-03	-1.343E-02	0.00
324	0.00000	L	LinStatic	404.11	0.00	7.235E-05	-3.245E-03	1.032E-04
324	0.71295	L	LinStatic	404.11	0.00	7.235E-05	-3.245E-03	5.159E-05
324	1.42591	L	LinStatic	404.11	0.00	7.235E-05	-3.245E-03	0.00
324	0.00000	W	LinStatic	-480.50	0.00	1.221E-03	5.463E-03	1.741E-03
324	0.71295	W	LinStatic	-480.50	0.00	1.221E-03	5.463E-03	8.707E-04
324	1.42591	W	LinStatic	-480.50	0.00	1.221E-03	5.463E-03	-2.168E-19
324	0.00000	SX	LinStatic	-263.03	0.00	0.15	1.37	0.21
324	0.71295	SX	LinStatic	-263.03	0.00	0.15	1.37	0.11
324	1.42591	SX	LinStatic	-263.03	0.00	0.15	1.37	-2.776E-17
324	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
324	0.71295	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
324	1.42591	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
603	0.00000	D	LinStatic	-571.03	-0.34	-1.136E-03	2.016E-03	-1.459E-03
603	0.64221	D	LinStatic	-567.64	-1.110E-16	-1.136E-03	2.016E-03	-7.293E-04
603	1.28442	D	LinStatic	-564.26	0.34	-1.136E-03	2.016E-03	0.00
603	0.00000	L	LinStatic	-1834.68	0.00	-1.792E-04	6.296E-04	-2.302E-04
603	0.64221	L	LinStatic	-1834.68	0.00	-1.792E-04	6.296E-04	-1.151E-04
603	1.28442	L	LinStatic	-1834.68	0.00	-1.792E-04	6.296E-04	0.00
603	0.00000	W	LinStatic	2180.71	0.00	6.106E-04	-5.976E-04	7.843E-04
603	0.64221	W	LinStatic	2180.71	0.00	6.106E-04	-5.976E-04	3.922E-04
603	1.28442	W	LinStatic	2180.71	0.00	6.106E-04	-5.976E-04	-2.168E-19
603	0.00000	SX	LinStatic	1243.94	0.00	0.12	-0.20	0.15
603	0.64221	SX	LinStatic	1243.94	0.00	0.12	-0.20	7.492E-02

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
603	1.28442	SX	LinStatic	1243.94	0.00	0.12	-0.20	0.00
603	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
603	0.64221	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
603	1.28442	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
612	0.00000	D	LinStatic	-571.12	-0.34	-1.628E-03	2.458E-03	-2.091E-03
612	0.64221	D	LinStatic	-567.73	1.110E-16	-1.628E-03	2.458E-03	-1.046E-03
612	1.28442	D	LinStatic	-564.35	0.34	-1.628E-03	2.458E-03	-4.337E-19
612	0.00000	L	LinStatic	-1834.87	0.00	-2.854E-03	4.270E-03	-3.666E-03
612	0.64221	L	LinStatic	-1834.87	0.00	-2.854E-03	4.270E-03	-1.833E-03
612	1.28442	L	LinStatic	-1834.87	0.00	-2.854E-03	4.270E-03	4.337E-19
612	0.00000	W	LinStatic	2369.41	0.00	4.464E-03	-6.996E-03	5.734E-03
612	0.64221	W	LinStatic	2369.41	0.00	4.464E-03	-6.996E-03	2.867E-03
612	1.28442	W	LinStatic	2369.41	0.00	4.464E-03	-6.996E-03	0.00
612	0.00000	SX	LinStatic	-1244.39	0.00	-3.658E-02	3.586E-02	-4.698E-02
612	0.64221	SX	LinStatic	-1244.39	0.00	-3.658E-02	3.586E-02	-2.349E-02
612	1.28442	SX	LinStatic	-1244.39	0.00	-3.658E-02	3.586E-02	-6.939E-18
612	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
612	0.64221	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
612	1.28442	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
617	0.00000	D	LinStatic	-290.69	-2.021E-04	-1.691E-07	-1.290E-11	-2.156E-07
617	0.63750	D	LinStatic	-287.32	8.132E-20	-1.691E-07	-1.290E-11	-1.078E-07
617	1.27500	D	LinStatic	-283.94	2.021E-04	-1.691E-07	-1.290E-11	0.00
617	0.00000	L	LinStatic	-474.85	0.00	-3.643E-08	-2.779E-12	-4.644E-08
617	0.63750	L	LinStatic	-474.85	0.00	-3.643E-08	-2.779E-12	-2.322E-08
617	1.27500	L	LinStatic	-474.85	0.00	-3.643E-08	-2.779E-12	0.00
617	0.00000	W	LinStatic	649.45	0.00	7.574E-08	5.779E-12	9.657E-08
617	0.63750	W	LinStatic	649.45	0.00	7.574E-08	5.779E-12	4.829E-08
617	1.27500	W	LinStatic	649.45	0.00	7.574E-08	5.779E-12	0.00
617	0.00000	SX	LinStatic	-583.45	0.00	1.725E-05	1.316E-09	2.200E-05
617	0.63750	SX	LinStatic	-583.45	0.00	1.725E-05	1.316E-09	1.100E-05
617	1.27500	SX	LinStatic	-583.45	0.00	1.725E-05	1.316E-09	0.00
617	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
617	0.63750	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
617	1.27500	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
618	0.00000	D	LinStatic	-282.87	0.00	0.00	-7.282E-03	0.00
618	0.63899	D	LinStatic	-279.49	0.00	0.00	-7.282E-03	0.00
618	1.27799	D	LinStatic	-276.10	0.00	0.00	-7.282E-03	0.00
618	0.00000	L	LinStatic	-474.85	0.00	0.00	-1.568E-03	0.00
618	0.63899	L	LinStatic	-474.85	0.00	0.00	-1.568E-03	0.00
618	1.27799	L	LinStatic	-474.85	0.00	0.00	-1.568E-03	0.00
618	0.00000	W	LinStatic	649.45	0.00	0.00	3.261E-03	0.00
618	0.63899	W	LinStatic	649.45	0.00	0.00	3.261E-03	0.00
618	1.27799	W	LinStatic	649.45	0.00	0.00	3.261E-03	0.00
618	0.00000	SX	LinStatic	-583.45	0.00	0.00	0.74	0.00
618	0.63899	SX	LinStatic	-583.45	0.00	0.00	0.74	0.00
618	1.27799	SX	LinStatic	-583.45	0.00	0.00	0.74	0.00
618	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
618	0.63899	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
618	1.27799	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
619	0.00000	D	LinStatic	-96.13	0.00	0.00	-1.374E-02	0.00
619	0.64000	D	LinStatic	-92.74	0.00	0.00	-1.374E-02	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
619	1.28000	D	LinStatic	-89.35	0.00	0.00	-1.374E-02	0.00
619	0.00000	L	LinStatic	77.35	0.00	0.00	-3.094E-03	0.00
619	0.64000	L	LinStatic	77.35	0.00	0.00	-3.094E-03	0.00
619	1.28000	L	LinStatic	77.35	0.00	0.00	-3.094E-03	0.00
619	0.00000	W	LinStatic	-6.88	0.00	0.00	5.944E-03	0.00
619	0.64000	W	LinStatic	-6.88	0.00	0.00	5.944E-03	0.00
619	1.28000	W	LinStatic	-6.88	0.00	0.00	5.944E-03	0.00
619	0.00000	SX	LinStatic	-955.61	0.00	0.00	1.40	0.00
619	0.64000	SX	LinStatic	-955.61	0.00	0.00	1.40	0.00
619	1.28000	SX	LinStatic	-955.61	0.00	0.00	1.40	0.00
619	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
619	0.64000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
619	1.28000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
620	0.00000	D	LinStatic	-290.68	2.021E-04	2.290E-07	-1.747E-11	2.919E-07
620	0.63750	D	LinStatic	-287.30	-5.421E-20	2.290E-07	-1.747E-11	1.460E-07
620	1.27500	D	LinStatic	-283.92	-2.021E-04	2.290E-07	-1.747E-11	0.00
620	0.00000	L	LinStatic	-474.75	0.00	4.002E-07	-3.053E-11	5.102E-07
620	0.63750	L	LinStatic	-474.75	0.00	4.002E-07	-3.053E-11	2.551E-07
620	1.27500	L	LinStatic	-474.75	0.00	4.002E-07	-3.053E-11	0.00
620	0.00000	W	LinStatic	438.23	0.00	-6.358E-07	4.851E-11	-8.107E-07
620	0.63750	W	LinStatic	438.23	0.00	-6.358E-07	4.851E-11	-4.053E-07
620	1.27500	W	LinStatic	438.23	0.00	-6.358E-07	4.851E-11	0.00
620	0.00000	SX	LinStatic	584.89	0.00	4.539E-06	-3.463E-10	5.788E-06
620	0.63750	SX	LinStatic	584.89	0.00	4.539E-06	-3.463E-10	2.894E-06
620	1.27500	SX	LinStatic	584.89	0.00	4.539E-06	-3.463E-10	0.00
620	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
620	0.63750	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
620	1.27500	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
621	0.00000	D	LinStatic	-282.85	0.00	0.00	-9.859E-03	0.00
621	0.63899	D	LinStatic	-279.47	0.00	0.00	-9.859E-03	0.00
621	1.27799	D	LinStatic	-276.08	0.00	0.00	-9.859E-03	0.00
621	0.00000	L	LinStatic	-474.75	0.00	0.00	-1.723E-02	0.00
621	0.63899	L	LinStatic	-474.75	0.00	0.00	-1.723E-02	0.00
621	1.27799	L	LinStatic	-474.75	0.00	0.00	-1.723E-02	0.00
621	0.00000	W	LinStatic	438.23	0.00	0.00	2.738E-02	0.00
621	0.63899	W	LinStatic	438.23	0.00	0.00	2.738E-02	0.00
621	1.27799	W	LinStatic	438.23	0.00	0.00	2.738E-02	0.00
621	0.00000	SX	LinStatic	584.89	0.00	0.00	-0.20	0.00
621	0.63899	SX	LinStatic	584.89	0.00	0.00	-0.20	0.00
621	1.27799	SX	LinStatic	584.89	0.00	0.00	-0.20	0.00
621	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
621	0.63899	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
621	1.27799	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
622	0.00000	D	LinStatic	-96.08	0.00	0.00	-1.842E-02	0.00
622	0.64000	D	LinStatic	-92.69	0.00	0.00	-1.842E-02	0.00
622	1.28000	D	LinStatic	-89.30	0.00	0.00	-1.842E-02	0.00
622	0.00000	L	LinStatic	77.50	0.00	0.00	-3.217E-02	0.00
622	0.64000	L	LinStatic	77.50	0.00	0.00	-3.217E-02	0.00
622	1.28000	L	LinStatic	77.50	0.00	0.00	-3.217E-02	0.00
622	0.00000	W	LinStatic	-274.93	0.00	0.00	5.126E-02	0.00
622	0.64000	W	LinStatic	-274.93	0.00	0.00	5.126E-02	0.00

Table: Element Forces - Frames, Part 1 of 1

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			Kgf	Kgf	Kgf	Kgf-m	Kgf-m
622	1.28000	W	LinStatic	-274.93	0.00	0.00	5.126E-02	0.00
622	0.00000	SX	LinStatic	957.18	0.00	0.00	-0.36	0.00
622	0.64000	SX	LinStatic	957.18	0.00	0.00	-0.36	0.00
622	1.28000	SX	LinStatic	957.18	0.00	0.00	-0.36	0.00
622	0.00000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
622	0.64000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00
622	1.28000	SY	LinStatic	0.00	0.00	0.00	0.00	0.00

DEFLEXIONES

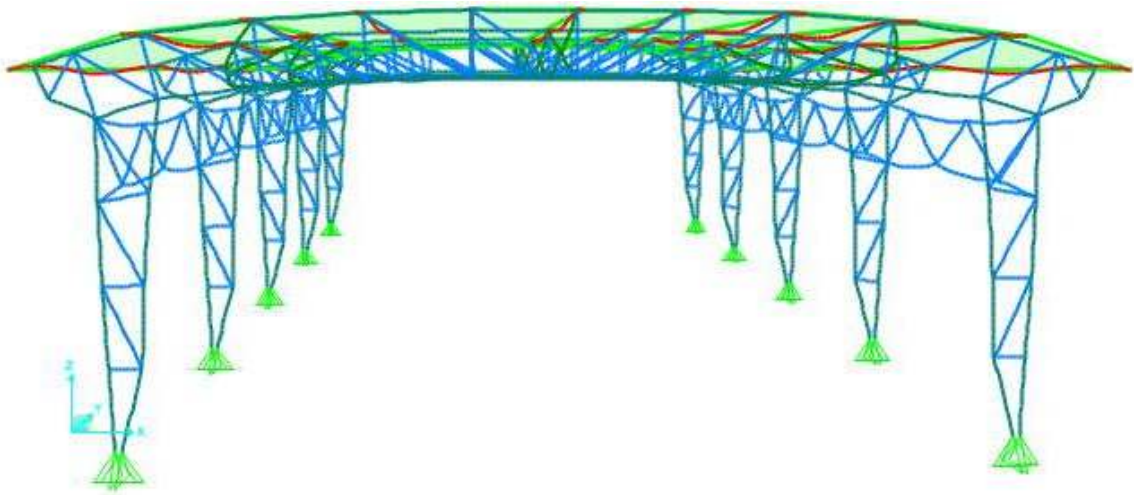


Table: Joint Displacements

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
44	D	LinStatic	0.002082	0.000017	-0.000069	0.000000	-5.870E-07	-0.000065
44	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
45	D	LinStatic	0.001752	0.000036	0.000027	0.000000	0.000321	-0.000037
45	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
46	D	LinStatic	0.001738	9.910E-06	-0.000087	0.000000	0.000396	-0.000045
46	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
48	D	LinStatic	-0.002094	0.000017	-0.000069	0.000000	-2.498E-06	0.000066
48	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
49	D	LinStatic	-0.001760	0.000036	0.000029	0.000000	-0.000324	0.000038
49	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
50	D	LinStatic	-0.001747	9.429E-06	-0.000087	0.000000	-0.000399	0.000046
50	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
51	D	LinStatic	-0.001179	0.000018	0.000949	0.000000	0.000877	-9.971E-06
51	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
52	D	LinStatic	-0.001600	0.000013	0.000735	0.000000	0.001019	-0.000020
52	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
53	D	LinStatic	-0.001849	8.684E-07	6.032E-07	0.000000	0.000656	-5.076E-06
53	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
54	D	LinStatic	-0.001650	-4.085E-06	-0.000539	0.000000	0.000869	-0.000015
54	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
55	D	LinStatic	-0.001098	-0.000052	-0.003363	0.000000	0.001637	-0.000017
55	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
56	D	LinStatic	-0.000615	-8.960E-06	-0.005841	0.000000	0.001259	0.000012
56	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
57	D	LinStatic	-0.000270	-0.000038	-0.007550	0.000000	0.000736	-0.000060
57	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
58	D	LinStatic	-8.115E-06	-0.000143	-0.008205	0.000000	-1.280E-06	0.000025
58	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
59	D	LinStatic	0.000254	-0.000033	-0.007551	0.000000	-0.000736	0.000049
59	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
60	D	LinStatic	0.000599	-0.000013	-0.005843	0.000000	-0.001259	-0.000015
60	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
61	D	LinStatic	0.001082	-0.000058	-0.003366	0.000000	-0.001637	0.000019
61	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
62	D	LinStatic	0.001634	-5.380E-06	-0.000542	0.000000	-0.000871	0.000018
62	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
63	D	LinStatic	0.001833	1.594E-06	6.176E-07	0.000000	-0.000657	5.916E-06
63	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
64	D	LinStatic	0.001584	0.000014	0.000735	0.000000	-0.001019	0.000019
64	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
65	D	LinStatic	0.001163	0.000018	0.000949	0.000000	-0.000878	9.713E-06
65	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
66	D	LinStatic	0.000955	9.817E-06	0.000427	0.000000	-0.000823	0.000014
66	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
67	D	LinStatic	0.000598	-5.976E-07	-0.000332	0.000000	-0.001591	6.636E-06
67	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
68	D	LinStatic	-0.000129	7.630E-06	-0.003182	0.000000	-0.001553	5.004E-06
68	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
69	D	LinStatic	-0.000418	-5.270E-06	-0.005745	0.000000	-0.001224	4.394E-06
69	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
70	D	LinStatic	-0.000321	-8.198E-06	-0.007535	0.000000	-0.000682	5.009E-06
70	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
71	D	LinStatic	-7.685E-06	0.000082	-0.008220	0.000000	-8.350E-07	-0.000034
71	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
72	D	LinStatic	0.000306	-5.273E-06	-0.007534	0.000000	0.000684	-1.430E-07
72	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
73	D	LinStatic	0.000402	-1.119E-06	-0.005743	0.000000	0.001225	-7.021E-06
73	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
74	D	LinStatic	0.000113	0.000014	-0.003179	0.000000	0.001553	-3.878E-06
74	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
75	D	LinStatic	-0.000614	-2.282E-07	-0.000329	0.000000	0.001592	-3.827E-06
75	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
76	D	LinStatic	-0.000973	9.103E-06	0.000432	0.000000	0.000823	-0.000014
76	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
77	D	LinStatic	-0.000951	0.000028	0.000143	0.000000	-0.000556	0.000049
77	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
78	D	LinStatic	0.000946	4.675E-06	-0.000046	0.000000	0.000506	-0.000047
78	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
79	D	LinStatic	0.000946	0.000028	0.000141	0.000000	0.000553	-0.000048
79	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
80	D	LinStatic	-0.000951	4.400E-06	-0.000046	0.000000	-0.000509	0.000048
80	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
81	D	LinStatic	0.000000	0.000000	0.000000	0.000000	-0.000862	0.000048
81	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
82	D	LinStatic	0.000000	0.000000	0.000000	0.000000	-0.000777	0.000060
82	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
83	D	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000859	-0.000047
83	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
84	D	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000773	-0.000060
84	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
267	D	LinStatic	0.002069	0.000032	-0.000206	0.000000	-0.000063	-6.121E-06
267	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
268	D	LinStatic	-0.002082	0.000033	-0.000203	0.000000	0.000060	7.956E-06
268	L	LinStatic	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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Table: Auto Combination Option Data 01 - General

Table: Auto Combination Option Data 01 - General

DesignType	AutoGen
Steel	No

Table: Combination Definitions, Part 1 of 3

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
COMB1	Linear Add	No	Linear Static	D	1.400000	None
COMB2	Linear Add	No	Linear Static	D	1.200000	None
COMB2			Linear Static	L	1.600000	
COMB3	Linear Add	No	Linear Static	D	1.200000	None
COMB3			Linear Static	L	1.600000	
COMB3			Linear Static	W	0.800000	
COMB4	Linear Add	No	Linear Static	D	1.200000	None
COMB4			Linear Static	L	1.600000	
COMB4			Linear Static	W	-0.800000	
COMB5	Linear Add	No	Linear Static	D	1.200000	None
COMB5			Linear Static	L	0.500000	
COMB5			Linear Static	W	1.600000	
COMB6	Linear Add	No	Linear Static	D	1.200000	None
COMB6			Linear Static	L	0.500000	
COMB6			Linear Static	W	-1.600000	
COMB7	Linear Add	No	Linear Static	D	0.900000	None
COMB7			Linear Static	W	1.600000	
COMB8	Linear Add	No	Linear Static	D	0.900000	None
COMB8			Linear Static	W	-1.600000	
DEFLE	Linear Add	No	Linear Static	D	1.000000	Deflection
DEFLE			Linear Static	L	1.000000	
ENVE	Envelope	No	Response Combo	COMB1	1.000000	Strength
ENVE			Response Combo	COMB2	1.000000	
ENVE			Response Combo	COMB3	1.000000	
ENVE			Response Combo	COMB4	1.000000	
ENVE			Response Combo	COMB5	1.000000	
ENVE			Response Combo	COMB6	1.000000	
ENVE			Response Combo	COMB7	1.000000	
ENVE			Response Combo	COMB8	1.000000	
COMB9	Linear Add	No	Linear Static	D	1.200000	None
COMB9			Linear Static	L	1.000000	
COMB9			Linear Static	SX	0.250000	
COMB10	Linear Add	No	Linear Static	D	1.200000	None
COMB10			Linear Static	L	1.000000	
COMB10			Linear Static	SX	-0.250000	
COMB11	Linear Add	No	Linear Static	D	1.200000	None
COMB11			Linear Static	L	1.000000	
COMB11			Linear Static	SY	-0.250000	
COMB12	Linear Add	No	Linear Static	D	1.200000	None
COMB12			Linear Static	L	1.000000	
COMB12			Linear Static	SY	0.250000	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
COMB13	Linear Add	No	Linear Static	D	0.900000	None
COMB13			Linear Static	SX	0.250000	
COMB14	Linear Add	No	Linear Static	D	0.900000	None
COMB14			Linear Static	SX	-0.250000	
COMB15	Linear Add	No	Linear Static	D	0.900000	None
COMB15			Linear Static	SY	-0.250000	
COMB16	Linear Add	No	Linear Static	D	0.900000	None
COMB16			Linear Static	SY	0.250000	

Table: Combination Definitions, Part 2 of 3

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
COMB1	D	None	None	None	
COMB2	D	None	None	None	
COMB2	L				
COMB3	D	None	None	None	
COMB3	L				
COMB3	W				
COMB4	D	None	None	None	
COMB4	L				
COMB4	W				
COMB5	D	None	None	None	
COMB5	L				
COMB5	W				
COMB6	D	None	None	None	
COMB6	L				
COMB6	W				
COMB7	D	None	None	None	
COMB7	W				
COMB8	D	None	None	None	
COMB8	W				
DEFLE	D	None	None	None	
DEFLE	L				
ENVE	COMB1	None	None	None	
ENVE	COMB2				
ENVE	COMB3				
ENVE	COMB4				
ENVE	COMB5				
ENVE	COMB6				
ENVE	COMB7				
ENVE	COMB8				
COMB9	D	None	None	None	
COMB9	L				
COMB9	SX				
COMB10	D	None	None	None	
COMB10	L				
COMB10	SX				
COMB11	D	None	None	None	
COMB11	L				

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
COMB11	SY				
COMB12	D	None	None	None	
COMB12	L				
COMB12	SY				
COMB13	D	None	None	None	
COMB13	SX				
COMB14	D	None	None	None	
COMB14	SX				
COMB15	D	None	None	None	
COMB15	SY				
COMB16	D	None	None	None	
COMB16	SY				

Table: Combination Definitions, Part 3 of 3

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	Notes
COMB1	D	
COMB2	D	
COMB2	L	
COMB3	D	
COMB3	L	
COMB3	W	
COMB4	D	
COMB4	L	
COMB4	W	
COMB5	D	
COMB5	L	
COMB5	W	
COMB6	D	
COMB6	L	
COMB6	W	
COMB7	D	
COMB7	W	
COMB8	D	
COMB8	W	
DEFLE	D	
DEFLE	L	
ENVE	COMB1	
ENVE	COMB2	
ENVE	COMB3	
ENVE	COMB4	
ENVE	COMB5	
ENVE	COMB6	
ENVE	COMB7	
ENVE	COMB8	
COMB9	D	
COMB9	L	
COMB9	SX	
COMB10	D	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	Notes
COMB10	L	
COMB10	SX	
COMB11	D	
COMB11	L	
COMB11	SY	
COMB12	D	
COMB12	L	
COMB12	SY	
COMB13	D	
COMB13	SX	
COMB14	D	
COMB14	SX	
COMB15	D	
COMB15	SY	
COMB16	D	
COMB16	SY	

Table: Preferences - Steel Design - AISC 360-10, Part 1 of 4

Table: Preferences - Steel Design - AISC 360-10, Part 1 of 4

THDesign	FrameType	PatLLF	SRatioLimit	MaxIter	SDC	SeisCode	SeisLoad	ImpFactor
Envelopes	IMF	0.750000	0.950000	1	D	Yes	Yes	1.000000

Table: Preferences - Steel Design - AISC 360-10, Part 2 of 4

Table: Preferences - Steel Design - AISC 360-10, Part 2 of 4

SystemRho	SystemSds	SystemR	SystemCd	Omega0	Provision	AMethod	SOMethod	SRMethod
1.000000	0.500000	8.000000	5.500000	3.000000	LRFD	Direct Analysis	General 2nd Order	Tau-b Fixed

Table: Preferences - Steel Design - AISC 360-10, Part 3 of 4

Table: Preferences - Steel Design - AISC 360-10, Part 3 of 4

NLCoeff	PhiB	PhiC	PhiTY	PhiTF	PhiV	PhiVRolledI	PhiVT	PlugWeld
0.002000	0.900000	0.900000	0.900000	0.750000	0.900000	1.000000	0.900000	Yes

Table: Preferences - Steel Design - AISC 360-10, Part 4 of 4

Table: Preferences - Steel Design - AISC 360-10, Part 4 of 4

HSSWelding	HSSReduceT	CheckDefl	DLRat	SDLAndLLRat	LLRat	TotalRat	NetRat
ERW	No	No	120.000000	120.000000	360.000000	240.000000	240.000000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 1 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 1 of 9

Frame	DesignSect	DesignType	Status	Combo	Location	Pr
					m	Kgf
72	70X70X2.50	Brace	No Messages	ENVE	0.00000	-556.45
73	70X70X2.50	Brace	No Messages	ENVE	0.74126	-436.24
74	70X70X2.50	Brace	No Messages	ENVE	0.97671	-178.25
75	70X70X2.50	Brace	No Messages	ENVE	0.00000	-6220.94
76	70X70X2.50	Brace	No Messages	ENVE	1.56293	-585.92
77	70X70X2.50	Brace	No Messages	ENVE	1.56294	3380.99
78	70X70X2.50	Brace	No Messages	ENVE	1.56294	5743.80
79	70X70X2.50	Brace	No Messages	ENVE	0.00000	5683.26
80	70X70X2.50	Brace	No Messages	ENVE	0.00000	3254.74
81	70X70X2.50	Brace	No Messages	ENVE	0.00000	-934.92
82	70X70X2.50	Brace	No Messages	ENVE	1.54756	-6419.48
83	70X70X2.50	Brace	No Messages	ENVE	0.00000	-93.60
84	70X70X2.50	Brace	No Messages	ENVE	0.00000	-410.46
85	70X70X2.50	Brace	No Messages	ENVE	0.00000	-529.25
86	70X70X2.50	Brace	No Messages	ENVE	0.00000	154.34
87	70X70X2.50	Brace	No Messages	ENVE	1.00371	3439.29
88	70X70X2.50	Brace	No Messages	ENVE	0.00000	-1529.43
89	70X70X2.50	Brace	No Messages	ENVE	1.64162	-5238.95
90	70X70X2.50	Brace	No Messages	ENVE	1.64162	-7463.68
91	70X70X2.50	Brace	No Messages	ENVE	1.64162	-8196.73
92	70X70X2.50	Brace	No Messages	ENVE	0.00000	-8198.77
93	70X70X2.50	Brace	No Messages	ENVE	0.00000	-7529.22
94	70X70X2.50	Brace	No Messages	ENVE	0.00000	-5384.25
95	70X70X2.50	Brace	No Messages	ENVE	1.64162	-1852.09
96	70X70X2.50	Brace	No Messages	ENVE	0.00000	3244.89
97	70X70X2.50	Brace	No Messages	ENVE	0.63215	163.61
98	70X70X2.00	Brace	No Messages	ENVE	1.41527	-3835.11
99	70X70X2.00	Brace	No Messages	ENVE	1.00061	-4764.04
100	70X70X2.00	Brace	No Messages	ENVE	0.00000	6336.71
101	70X70X2.00	Brace	No Messages	ENVE	1.00027	-3456.95
102	70X70X2.00	Brace	No Messages	ENVE	1.88838	4485.76
103	70X70X2.00	Brace	No Messages	ENVE	1.00012	-2104.97
104	70X70X2.00	Brace	No Messages	ENVE	1.88834	2672.11
105	70X70X2.00	Column	No Messages	ENVE	1.00003	-957.38
106	70X70X2.00	Brace	No Messages	ENVE	0.00000	833.62
107	70X70X2.00	Brace	No Messages	ENVE	1.88832	907.96
108	70X70X2.00	Column	No Messages	ENVE	0.00000	-1002.16
109	70X70X2.00	Brace	No Messages	ENVE	0.00000	2745.82
110	70X70X2.00	Brace	No Messages	ENVE	0.00000	-2153.70
111	70X70X2.00	Brace	No Messages	ENVE	0.00000	2380.64
112	70X70X2.00	Brace	No Messages	ENVE	0.78059	529.97
113	70X70X2.00	Brace	No Messages	ENVE	0.00000	2675.00
114	70X70X2.00	Column	No Messages	ENVE	1.00000	-588.60
115	70X70X2.00	Brace	No Messages	ENVE	0.00000	4559.77
116	70X70X2.00	Brace	No Messages	ENVE	0.00000	-3475.49
117	70X70X2.00	Brace	No Messages	ENVE	1.88846	6341.98
118	70X70X2.00	Brace	No Messages	ENVE	0.00000	-4722.08
119	70X70X2.00	Brace	No Messages	ENVE	0.00000	-4191.09
120	70X70X2.00	Brace	No Messages	ENVE	0.78505	520.79
55	70X70X2.00	Beam	No Messages	ENVE	0.62834	-690.92

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 1 of 9

Frame	DesignSect	DesignType	Status	Combo	Location	Pr
					m	Kgf
63	70X70X2.00	Beam	No Messages	ENVE	0.62834	-673.80
65	70X70X2.00	Brace	No Messages	ENVE	0.00000	1740.40
69	70X70X2.00	Beam	No Messages	ENVE	0.50000	24.38
70	70X70X2.00	Beam	No Messages	ENVE	0.50000	27.18
71	70X70X2.50	Brace	No Messages	ENVE	1.33625	-4362.56
121	70X70X2.00	Brace	No Messages	ENVE	0.00000	1789.12
122	70X70X2.50	Brace	No Messages	ENVE	1.33625	-4451.33
197	70X70X2.50	Column	No Messages	ENVE	1.26399	1508.02
201	70X70X2.50	Column	No Messages	ENVE	1.26399	1868.82
603	70X70X2.50	Column	No Messages	ENVE	1.28442	-5944.83
612	70X70X2.50	Column	No Messages	ENVE	1.28442	-6081.95
617	70X70X2.50	Column	No Messages	ENVE	1.27500	-1734.24
618	70X70X2.50	Column	No Messages	ENVE	1.27799	-1571.70
619	70X70X2.50	Column	No Messages	ENVE	1.28000	-201.63
620	70X70X2.50	Column	No Messages	ENVE	1.27500	-1569.34
621	70X70X2.50	Column	No Messages	ENVE	1.27799	-1399.91
622	70X70X2.50	Column	No Messages	ENVE	1.28000	-639.88
268	70X70X2.50	Column	No Messages	ENVE	0.00000	-8186.26
269	70X70X2.00	Brace	No Messages	ENVE	0.00000	-590.06
270	70X70X2.00	Brace	No Messages	ENVE	1.35541	793.78
271	70X70X2.00	Brace	No Messages	ENVE	1.42591	1326.56
272	70X70X2.50	Column	No Messages	ENVE	2.88275	-8005.45
322	70X70X2.00	Brace	No Messages	ENVE	0.00000	-578.60
323	70X70X2.00	Brace	No Messages	ENVE	1.35541	778.80
324	70X70X2.00	Brace	No Messages	ENVE	1.42591	1294.11

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 2 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 2 of 9

Frame	MrMajor	MrMinor	VrMajor	VrMinor	Tr	Equation	TotalRatio
	Kgf-m	Kgf-m	Kgf	Kgf	Kgf-m		
72	1.03	23.96	33.03	32.63	-1.85	(H1-1b)	0.064736
73	54.21	-13.37	-108.58	31.73	-2.55	(H1-1b)	0.147471
74	-36.35	8.92	59.94	-21.45	-0.88	(H1-1b)	0.098964
75	-79.42	8.83	40.70	-8.92	-9.520E-02	(H1-1a)	0.549010
76	24.04	12.75	16.06	13.19	-2.02	(H1-1b)	0.092459
77	20.88	5.20	11.50	2.21	0.11	(H1.2,H1-1b)	0.138454
78	18.38	-19.14	-1.99	20.59	2.82	(H1.2,H1-1a)	0.359383
79	18.10	-21.60	-7.13	15.66	3.81	(H1.2,H1-1a)	0.360188
80	21.32	4.95	11.22	1.54	0.13	(H1.2,H1-1b)	0.135633
81	24.25	12.35	18.20	17.85	-2.66	(H1-1b)	0.103076
82	-80.80	9.03	87.36	-12.91	-0.30	(H1-1a)	0.734291
83	-38.82	8.62	37.04	-12.13	-0.74	(H1-1b)	0.097931
84	58.44	-12.34	-77.82	16.83	-1.18	(H1-1b)	0.153229
85	-18.59	6.59	23.63	-30.41	-3.32	(H1-1b)	0.064411
86	-1.77	-2.50	-9.11	-5.37	5.71	(H1.2,H1-1b)	0.012516

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 2 of 9

Frame	MrMajor	MrMinor	VrMajor	VrMinor	Tr	Equation	TotalRatio
	Kgf-m	Kgf-m	Kgf	Kgf	Kgf-m		
87	-49.85	-1.81	-41.31	-2.92	3.67	(H1.2,H1-1b)	0.191361
88	-47.52	-6.03	-54.38	-7.21	-0.47	(H1-1b)	0.157038
89	26.08	-1.56	-21.42	0.72	-4.48	(H1-1a)	0.387807
90	23.31	-0.28	-12.92	0.36	-1.30	(H1-1a)	0.524309
91	18.72	1.09	10.08	1.50	-2.89	(H1-1a)	0.564907
92	18.16	-1.31	-9.18	0.71	-4.06	(H1-1a)	0.564412
93	23.70	1.17	13.23	1.08	-1.81	(H1-1a)	0.530815
94	26.50	-4.28	-22.11	3.07	-3.26	(H1-1a)	0.402804
95	-47.10	-4.31	-25.75	-1.78	-1.05	(H1-1b)	0.163149
96	-46.69	-3.15	-69.34	-6.09	6.36	(H1.2,H1-1b)	0.182755
97	-1.33	-2.35	0.59	-2.04	3.66	(H1.2,H1-1b)	0.011554
98	-6.93	3.14	10.20	-2.24	-1.76	(H1-1a)	0.312896
99	16.62	-29.23	-15.80	35.88	-0.60	(H1-1a)	0.439718
100	-16.82	13.61	1.85	-7.77	2.72	(H1.2,H1-1a)	0.474106
101	53.13	-26.62	-112.51	35.62	-0.78	(H1-1a)	0.431968
102	6.42	-0.44	-0.26	0.39	1.31	(H1.2,H1-1a)	0.299969
103	30.59	-22.43	-63.86	20.35	-2.75	(H1-1b)	0.217427
104	7.78	6.42	5.71	0.61	2.06	(H1.2,H1-1b)	0.123186
105	16.87	-18.10	-37.59	18.90	-2.34	(H1-1b)	0.128585
106	-3.21	17.71	-0.17	-9.36	3.44	(H1.2,H1-1b)	0.083525
107	3.41	18.47	8.47	10.70	5.00	(H1.2,H1-1b)	0.088475
108	18.08	-18.91	-24.51	14.43	-3.65	(H1-1b)	0.135622
109	7.70	6.43	-0.66	0.37	2.89	(H1.2,H1-1b)	0.125349
110	31.68	-21.86	-42.13	13.84	-1.75	(H1-1b)	0.220534
111	33.05	3.75	56.21	13.55	0.24	(H1.2,H1-1b)	0.175774
112	11.19	-0.28	-16.61	1.04	2.87	(H1.2,H1-1b)	0.048087
113	35.05	-3.38	-39.11	7.94	0.19	(H1.2,H1-1b)	0.189502
114	-0.43	-30.55	-1.02	-30.72	-7.861E-02	(H1-1b)	0.104960
115	6.28	-0.70	-7.49	8.552E-02	1.69	(H1.2,H1-1a)	0.304941
116	53.91	-25.70	-67.75	22.78	-0.53	(H1-1a)	0.432904
117	-17.18	13.83	15.23	-12.08	3.42	(H1.2,H1-1a)	0.475858
118	15.51	-27.75	-3.78	21.51	-4.951E-02	(H1-1a)	0.430506
119	-6.78	3.20	1.22	-1.58	-0.89	(H1-1a)	0.339140
120	11.98	0.21	11.92	0.26	1.50	(H1.2,H1-1b)	0.049768
55	-42.39	0.21	125.82	-0.13	-4.249E-02	(H1-1b)	0.139034
63	-42.37	-0.19	-66.72	5.126E-02	-2.097E-02	(H1-1b)	0.138355
65	15.58	-9.585E-02	-11.88	3.034E-02	6.530E-02	(H1.2,H1-1b)	0.097799

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 2 of 9

Frame	MrMajor	MrMinor	VrMajor	VrMinor	Tr	Equation	TotalRatio
	Kgf-m	Kgf-m	Kgf	Kgf	Kgf-m		
69	42.11	-3.916E-03	-158.74	5.034E-02	2.892E-02	(H1.2,H1-1b)	0.115875
70	40.52	-4.001E-03	-151.85	0.10	3.156E-02	(H1.2,H1-1b)	0.111604
71	-7.99	0.12	7.25	-8.806E-02	-1.332E-16	(H1-1a)	0.274528
121	15.80	-4.338E-02	-11.39	-9.637E-04	1.781E-02	(H1.2,H1-1b)	0.099803
122	-12.04	-0.12	-6.36	-3.213E-02	-3.886E-17	(H1-1a)	0.287060
197	30.31	1.96	13.49	0.84	0.81	(H1.2,H1-1b)	0.103235
201	31.85	-1.52	-26.90	0.20	1.49	(H1.2,H1-1b)	0.114639
603	-30.45	0.24	40.28	-0.13	-2.268E-02	(H1-1a)	0.404947
612	-30.98	-0.11	-22.00	1.297E-02	-2.776E-02	(H1-1a)	0.413729
617	13.74	0.18	5.96	0.12	-9.714E-17	(H1-1a)	0.337388
618	25.87	0.19	20.28	4.569E-02	-3.613E-02	(H1-1a)	0.329789
619	18.75	-0.41	-15.37	0.14	-0.12	(H1-1b)	0.056679
620	-17.55	-5.059E-02	-10.37	-2.870E-02	-1.776E-16	(H1-1a)	0.314259
621	-26.13	-4.343E-02	-19.31	-1.066E-02	-2.471E-02	(H1-1a)	0.299039
622	-19.10	-0.22	-7.73	7.140E-02	-0.26	(H1-1b)	0.096487
268	-37.63	-2.66	-28.70	-0.85	-0.37	(H1-1a)	0.941047
269	-28.55	-2.38	-68.81	-3.27	7.333E-02	(H1-1b)	0.104211
270	22.79	-3.49	-17.33	3.18	0.13	(H1.2,H1-1b)	0.096900
271	13.25	0.65	7.42	0.18	0.14	(H1.2,H1-1b)	0.079904
272	-36.63	-2.62	-15.25	-0.52	-0.46	(H1-1a)	0.919998
322	-28.31	2.17	35.02	-2.14	-0.29	(H1-1b)	0.102591
323	21.71	3.75	11.63	1.75	0.18	(H1.2,H1-1b)	0.094166
324	13.02	-0.35	-9.94	0.49	0.28	(H1.2,H1-1b)	0.077399

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 3 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 3 of 9

Frame	PRatio	MMajRatio	MMinRatio	VMajRatio	VMinRatio	TorRatio	DCLimit
72	0.014509	0.002070	0.048157				0.950000
73	0.011655	0.108944	0.026872				0.950000
74	0.007966	0.073061	0.017936				0.950000
75	0.391348	0.141894	0.015767				0.950000
76	0.018508	0.048317	0.025634				0.950000
77	0.086042	0.041969	0.010443				0.950000
78	0.292346	0.032843	0.034194				0.950000
79	0.289265	0.032341	0.038582				0.950000
80	0.082829	0.042855	0.009949				0.950000
81	0.029532	0.048732	0.024812				0.950000
82	0.573804	0.144345	0.016141				0.950000
83	0.002592	0.078020	0.017319				0.950000
84	0.010966	0.117464	0.024799				0.950000
85	0.013800	0.037367	0.013245				0.950000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 3 of 9

Frame	PRatio	MMajRatio	MMinRatio	VMajRatio	VMinRatio	TorRatio	DCLimit
86	0.003928	0.003565	0.005023				0.950000
87	0.087526	0.100200	0.003634				0.950000
88	0.049400	0.095515	0.012123				0.950000
89	0.338436	0.046591	0.002781				0.950000
90	0.482153	0.041653	0.000503				0.950000
91	0.529508	0.033444	0.001954				0.950000
92	0.529640	0.032439	0.002334				0.950000
93	0.486387	0.042340	0.002088				0.950000
94	0.347822	0.047335	0.007646				0.950000
95	0.059822	0.094673	0.008654				0.950000
96	0.082579	0.093842	0.006334				0.950000
97	0.004164	0.002672	0.004719				0.950000
98	0.288431	0.016848	0.007617				0.950000
99	0.328321	0.040382	0.071015				0.950000
100	0.400190	0.040859	0.033057				0.950000
101	0.238227	0.129077	0.064664				0.950000
102	0.283295	0.015593	0.001081				0.950000
103	0.072527	0.083598	0.061302				0.950000
104	0.084378	0.021270	0.017538				0.950000
105	0.032986	0.046119	0.049480				0.950000
106	0.026323	0.008785	0.048416				0.950000
107	0.028671	0.009331	0.050473				0.950000
108	0.034529	0.049408	0.051685				0.950000
109	0.086705	0.021058	0.017586				0.950000
110	0.074205	0.086586	0.059743				0.950000
111	0.075174	0.090344	0.010257				0.950000
112	0.016735	0.030590	0.000763				0.950000
113	0.084469	0.095799	0.009234				0.950000
114	0.020280	0.001170	0.083510				0.950000
115	0.287969	0.015268	0.001704				0.950000
116	0.239504	0.130968	0.062432				0.950000
117	0.400523	0.041730	0.033605				0.950000
118	0.325429	0.037671	0.067407				0.950000
119	0.314880	0.016476	0.007784				0.950000
120	0.016445	0.032743	0.000579				0.950000
55	0.022581	0.115871	0.000582				0.950000
63	0.022022	0.115805	0.000527				0.950000
65	0.054957	0.042581	0.000262				0.950000
69	0.000770	0.115094	0.000000				0.950000
70	0.000858	0.110735	0.000000				0.950000
71	0.260039	0.014279	0.000210				0.950000
121	0.056495	0.043189	0.000119				0.950000
122	0.265330	0.021517	0.000213				0.950000
197	0.038377	0.060915	0.003942				0.950000
201	0.047559	0.064017	0.003062				0.950000
603	0.350120	0.054395	0.000431				0.950000
612	0.358196	0.055342	0.000192				0.950000
617	0.312529	0.024540	0.000319				0.950000
618	0.283237	0.046212	0.000339				0.950000
619	0.018168	0.037681	0.000830				0.950000
620	0.282812	0.031356	0.000000				0.950000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 3 of 9

Frame	PRatio	MMajRatio	MMinRatio	VMajRatio	VMinRatio	TorRatio	DCLimit
621	0.252280	0.046682	0.000000				0.950000
622	0.057656	0.038383	0.000448				0.950000
268	0.869063	0.067230	0.004754				0.950000
269	0.019665	0.078031	0.006515				0.950000
270	0.025065	0.062295	0.009540				0.950000
271	0.041889	0.036227	0.001788				0.950000
272	0.849867	0.065443	0.004687				0.950000
322	0.019283	0.077378	0.005929				0.950000
323	0.024592	0.059331	0.010242				0.950000
324	0.040864	0.035573	0.000963				0.950000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 4 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 4 of 9

Frame	PrDsgn	PcComp	PcTension	MrMajorDsgn	McMajor	MrMinorDsgn	McMinor
	Kgf	Kgf	Kgf	Kgf-m	Kgf-m	Kgf-m	Kgf-m
72	-556.45	19175.79	19647.28	1.03	497.55	23.96	497.55
73	-436.24	18715.13	19647.28	54.21	497.55	-13.37	497.55
74	-178.25	11187.58	19647.28	-36.35	497.55	8.92	497.55
75	-6220.94	15896.16	19647.28	-79.42	497.55	8.83	497.55
76	-585.92	15829.08	19647.28	24.04	497.55	12.75	497.55
77	3380.99	15829.04	19647.28	20.88	497.55	5.20	497.55
78	5743.80	15829.02	19647.28	18.38	497.55	-19.14	497.55
79	5683.26	15829.02	19647.28	18.10	497.55	-21.60	497.55
80	3254.74	15829.02	19647.28	21.32	497.55	4.95	497.55
81	-934.92	15829.06	19647.28	24.25	497.55	12.35	497.55
82	-6419.48	11187.58	19647.28	-80.80	497.55	9.03	497.55
83	-93.60	18057.29	19647.28	-38.82	497.55	8.62	497.55
84	-410.46	18715.13	19647.28	58.44	497.55	-12.34	497.55
85	-529.25	19175.79	19647.28	-18.59	497.55	6.59	497.55
86	154.34	18951.95	19647.28	-1.77	497.55	-2.50	497.55
87	3439.29	17972.09	19647.28	-49.85	497.55	-1.81	497.55
88	-1529.43	15479.89	19647.28	-47.52	497.55	-6.03	497.55
89	-5238.95	15479.89	19647.28	26.08	497.55	-1.56	497.55
90	-7463.68	15479.89	19647.28	23.31	497.55	-0.28	497.55
91	-8196.73	15479.89	19647.28	18.72	497.55	1.09	497.55
92	-8198.77	15479.89	19647.28	18.16	497.55	-1.31	497.55
93	-7529.22	15479.89	19647.28	23.70	497.55	1.17	497.55
94	-5384.25	15479.89	19647.28	26.50	497.55	-4.28	497.55
95	-1852.09	15479.89	19647.28	-47.10	497.55	-4.31	497.55
96	3244.89	17952.69	19647.28	-46.69	497.55	-3.15	497.55
97	163.61	18964.87	19647.28	-1.33	497.55	-2.35	497.55
98	-3835.11	13296.42	15834.25	-6.93	365.87	3.14	365.87
99	-4764.04	14510.31	15834.25	16.62	365.87	-29.23	365.87
100	6336.71	11601.81	15834.25	-16.82	365.87	13.61	365.87
101	-3456.95	14511.16	15834.25	53.13	365.87	-26.62	365.87
102	4485.76	11602.10	15834.25	6.42	365.87	-0.44	365.87
103	-2104.97	14511.54	15834.25	30.59	365.87	-22.43	365.87
104	2672.11	11602.27	15834.25	7.78	365.87	6.42	365.87
105	-957.38	14511.77	15834.25	16.87	365.87	-18.10	365.87
106	833.62	11602.33	15834.25	-3.21	365.87	17.71	365.87

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 4 of 9

Frame	PrDsgn	PcComp	PcTension	MrMajorDsgn	McMajor	MrMinorDsgn	McMinor
	Kgf	Kgf	Kgf	Kgf-m	Kgf-m	Kgf-m	Kgf-m
107	907.96	11602.33	15834.25	3.41	365.87	18.47	365.87
108	-1002.16	14511.77	15834.25	18.08	365.87	-18.91	365.87
109	2745.82	11602.27	15834.25	7.70	365.87	6.43	365.87
110	-2153.70	14511.80	15834.25	31.68	365.87	-21.86	365.87
111	2380.64	14510.22	15834.25	33.05	365.87	3.75	365.87
112	529.97	15014.80	15834.25	11.19	365.87	-0.28	365.87
113	2675.00	14510.17	15834.25	35.05	365.87	-3.38	365.87
114	-588.60	14511.85	15834.25	-0.43	365.87	-30.55	365.87
115	4559.77	11602.29	15834.25	6.28	365.87	-0.70	365.87
116	-3475.49	14511.16	15834.25	53.91	365.87	-25.70	365.87
117	6341.98	11601.81	15834.25	-17.18	365.87	13.83	365.87
118	-4722.08	14510.31	15834.25	15.51	365.87	-27.75	365.87
119	-4191.09	13310.13	15834.25	-6.78	365.87	3.20	365.87
120	520.79	15005.66	15834.25	11.98	365.87	0.21	365.87
55	-690.92	15298.34	15834.25	-42.39	365.87	0.21	365.87
63	-673.80	15298.34	15834.25	-42.37	365.87	-0.19	365.87
65	1740.40	13435.99	15834.25	15.58	365.87	-9.585E-02	365.87
69	24.38	15492.76	15834.25	42.11	365.87	-3.916E-03	365.87
70	27.18	15492.76	15834.25	40.52	365.87	-4.001E-03	365.87
71	-4362.56	16776.59	19647.28	-7.99	497.55	0.12	497.55
121	1789.12	13435.99	15834.25	15.80	365.87	-4.338E-02	365.87
122	-4451.33	16776.59	19647.28	-12.04	497.55	-0.12	497.55
197	1508.02	17057.77	19647.28	30.31	497.55	1.96	497.55
201	1868.82	17057.77	19647.28	31.85	497.55	-1.52	497.55
603	-5944.83	16979.41	19647.28	-30.45	497.55	0.24	497.55
612	-6081.95	16979.41	19647.28	-30.98	497.55	-0.11	497.55
617	-1734.24	5549.05	19647.28	13.74	497.55	0.18	497.55
618	-1571.70	5549.05	19647.28	25.87	497.55	0.19	497.55
619	-201.63	5549.05	19647.28	18.75	497.55	-0.41	497.55
620	-1569.34	5549.05	19647.28	-17.55	497.55	-5.059E-02	497.55
621	-1399.91	5549.05	19647.28	-26.13	497.55	-4.343E-02	497.55
622	-639.88	5549.05	19647.28	-19.10	497.55	-0.22	497.55
268	-8186.26	9419.65	19647.28	-37.63	497.55	-2.66	497.55
269	-590.06	15002.58	15834.25	-28.55	365.87	-2.38	365.87
270	793.78	13490.13	15834.25	22.79	365.87	-3.49	365.87
271	1326.56	13261.43	15834.25	13.25	365.87	0.65	365.87
272	-8005.45	9419.65	19647.28	-36.63	497.55	-2.62	497.55
322	-578.60	15002.58	15834.25	-28.31	365.87	2.17	365.87
323	778.80	13490.13	15834.25	21.71	365.87	3.75	365.87
324	1294.11	13261.43	15834.25	13.02	365.87	-0.35	365.87

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 5 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 5 of 9

Frame	XLMajor	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor
72	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
73	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
74	1.000000	2.583220	2.583220	1.000000	1.000000	1.000000	1.000000
75	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
76	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 5 of 9

Frame	XLMajor	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor
77	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
78	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
79	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
80	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
81	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
82	1.000000	1.630349	1.630349	1.000000	1.000000	1.000000	1.000000
83	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
84	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
85	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
86	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
87	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
88	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
89	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
90	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
91	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
92	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
93	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
94	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
95	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
96	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
97	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
98	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
99	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
100	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
101	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
102	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
103	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
104	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
105	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
106	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
107	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
108	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
109	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
110	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
111	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
112	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
113	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
114	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
115	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
116	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
117	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
118	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
119	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
120	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
55	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
63	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
65	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
69	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
70	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
71	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
121	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 5 of 9

Frame	XLMajor	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor
122	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
197	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
201	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
603	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
612	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
617	1.000000	3.006265	3.006265	1.000000	1.000000	1.000000	1.000000
618	1.000000	2.999236	2.999236	1.000000	1.000000	1.000000	1.000000
619	1.000000	2.994522	2.994522	1.000000	1.000000	1.000000	1.000000
620	1.000000	3.006265	3.006265	1.000000	1.000000	1.000000	1.000000
621	1.000000	2.999236	2.999236	1.000000	1.000000	1.000000	1.000000
622	1.000000	2.994522	2.994522	1.000000	1.000000	1.000000	1.000000
268	0.500000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
269	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
270	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
271	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
272	0.500000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
322	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
323	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
324	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 6 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 6 of 9

Frame	KLTB	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major
72	1.000000	0.650772	0.714534	1.587415	1.000000	1.000000	1.000000
73	1.000000	0.706025	0.784948	2.033467	1.000000	1.000000	1.000000
74	1.000000	1.000000	1.000000	2.109519	1.000000	1.000000	1.000000
75	1.000000	1.000000	0.947556	2.166532	1.000000	1.000000	1.000000
76	1.000000	1.000000	0.962585	1.869496	1.000000	1.000000	1.000000
77	1.000000	1.000000	1.000000	1.726600	1.000000	1.000000	1.000000
78	1.000000	1.000000	1.000000	1.287880	1.000000	1.000000	1.000000
79	1.000000	1.000000	1.000000	1.290545	1.000000	1.000000	1.000000
80	1.000000	1.000000	1.000000	1.730444	1.000000	1.000000	1.000000
81	1.000000	1.000000	0.948251	1.874211	1.000000	1.000000	1.000000
82	1.000000	1.000000	1.000000	2.155300	1.000000	1.000000	1.000000
83	1.000000	1.000000	0.902877	2.086769	1.000000	1.000000	1.000000
84	1.000000	0.730803	0.774206	2.013118	1.000000	1.000000	1.000000
85	1.000000	0.626779	0.717022	1.743739	1.000000	1.000000	1.000000
86	1.000000	1.000000	1.000000	1.941282	1.000000	1.000000	1.000000
87	1.000000	1.000000	1.000000	2.036383	1.000000	1.000000	1.000000
88	1.000000	1.000000	0.813909	2.299175	1.000000	1.000000	1.000000
89	1.000000	1.000000	0.735227	1.960891	1.000000	1.000000	1.000000
90	1.000000	1.000000	0.690516	1.700314	1.000000	1.000000	1.000000
91	1.000000	1.000000	0.902302	1.379595	1.000000	1.000000	1.000000
92	1.000000	1.000000	0.912337	1.364214	1.000000	1.000000	1.000000
93	1.000000	1.000000	0.569350	1.711124	1.000000	1.000000	1.000000
94	1.000000	1.000000	0.768060	1.963543	1.000000	1.000000	1.000000
95	1.000000	1.000000	0.735097	2.319865	1.000000	1.000000	1.000000
96	1.000000	1.000000	1.000000	2.054032	1.000000	1.000000	1.000000
97	1.000000	1.000000	1.000000	2.485415	1.000000	1.000000	1.000000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 6 of 9

Frame	KLTB	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major
98	1.000000	1.000000	0.610727	2.311607	1.000000	1.000000	1.000000
99	1.000000	1.000000	0.662819	1.610635	1.000000	1.000000	1.000000
100	1.000000	1.000000	1.000000	2.265881	1.000000	1.000000	1.000000
101	1.000000	0.864975	0.692956	2.327289	1.000000	1.000000	1.000000
102	1.000000	1.000000	1.000000	1.561917	1.000000	1.000000	1.000000
103	1.000000	0.870034	0.637053	2.358076	1.000000	1.000000	1.000000
104	1.000000	1.000000	1.000000	1.271548	1.000000	1.000000	1.000000
105	1.000000	0.892680	0.614168	2.175484	1.000000	1.000000	1.000000
106	1.000000	1.000000	1.000000	1.562413	1.000000	1.000000	1.000000
107	1.000000	1.000000	1.000000	1.237006	1.000000	1.000000	1.000000
108	1.000000	0.900488	0.619230	2.199161	1.000000	1.000000	1.000000
109	1.000000	1.000000	1.000000	1.263430	1.000000	1.000000	1.000000
110	1.000000	0.877188	0.645459	2.364781	1.000000	1.000000	1.000000
111	1.000000	1.000000	1.000000	2.270459	1.000000	1.000000	1.000000
112	1.000000	1.000000	1.000000	1.788658	1.000000	1.000000	1.000000
113	1.000000	1.000000	1.000000	2.241798	1.000000	1.000000	1.000000
114	1.000000	0.846281	0.728406	1.848164	1.000000	1.000000	1.000000
115	1.000000	1.000000	1.000000	1.553354	1.000000	1.000000	1.000000
116	1.000000	0.869566	0.690878	2.326708	1.000000	1.000000	1.000000
117	1.000000	1.000000	1.000000	2.252056	1.000000	1.000000	1.000000
118	1.000000	1.000000	0.661808	1.483763	1.000000	1.000000	1.000000
119	1.000000	1.000000	0.612497	2.314069	1.000000	1.000000	1.000000
120	1.000000	1.000000	1.000000	1.770876	1.000000	1.000000	1.000000
55	1.000000	0.782811	0.923214	2.403641	1.000000	1.000000	1.000000
63	1.000000	0.784795	0.858137	2.405509	1.000000	1.000000	1.000000
65	1.000000	1.000000	1.000000	2.262355	1.000000	1.000000	1.000000
69	1.000000	1.000000	1.000000	1.218894	1.000000	1.000000	1.000000
70	1.000000	1.000000	1.000000	1.263904	1.000000	1.000000	1.000000
71	1.000000	1.000000	0.600000	1.753637	1.000000	1.000000	1.000000
121	1.000000	1.000000	1.000000	2.217611	1.000000	1.000000	1.000000
122	1.000000	1.000000	0.600000	1.723385	1.000000	1.000000	1.000000
197	1.000000	1.000000	1.000000	1.734028	1.000000	1.000000	1.000000
201	1.000000	1.000000	1.000000	1.735606	1.000000	1.000000	1.000000
603	1.000000	0.752271	0.722240	2.210848	1.000000	1.000000	1.000000
612	1.000000	0.734626	0.830645	2.180158	1.000000	1.000000	1.000000
617	1.000000	0.600000	1.000000	1.666658	1.000000	1.000000	1.000000
618	1.000000	0.782030	1.000000	2.421026	1.000000	1.000000	1.000000
619	1.000000	0.599112	1.000000	1.706678	1.000000	1.000000	1.000000
620	1.000000	0.600000	1.000000	1.666660	1.000000	1.000000	1.000000
621	1.000000	0.752796	1.000000	2.366513	1.000000	1.000000	1.000000
622	1.000000	0.601426	1.000000	1.684499	1.000000	1.000000	1.000000
268	1.000000	1.000000	1.000000	1.880549	1.000000	1.000000	1.000000
269	1.000000	0.790061	0.599819	2.416451	1.000000	1.000000	1.000000
270	1.000000	1.000000	1.000000	1.730811	1.000000	1.000000	1.000000
271	1.000000	1.000000	1.000000	1.802147	1.000000	1.000000	1.000000
272	1.000000	1.000000	1.000000	2.454416	1.000000	1.000000	1.000000
322	1.000000	1.000000	0.641099	2.426670	1.000000	1.000000	1.000000
323	1.000000	1.000000	1.000000	1.734592	1.000000	1.000000	1.000000
324	1.000000	1.000000	1.000000	1.806464	1.000000	1.000000	1.000000

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 7 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 7 of 9

Frame	B2Minor	Fy	E	Length	MajAxisAng	RLLF	SectClass
		Kgf/m2	Kgf/m2	m	Degrees		
72	1.000000	32341202.80	2.039E+10	0.52401	0.000	1.000000	Compact
73	1.000000	32341202.80	2.039E+10	0.74126	0.000	1.000000	Compact
74	1.000000	32341202.80	2.039E+10	0.97671	0.000	1.000000	Compact
75	1.000000	32341202.80	2.039E+10	1.54756	0.000	1.000000	Compact
76	1.000000	32341202.80	2.039E+10	1.56293	0.000	1.000000	Compact
77	1.000000	32341202.80	2.039E+10	1.56294	0.000	1.000000	Compact
78	1.000000	32341202.80	2.039E+10	1.56294	0.000	1.000000	Compact
79	1.000000	32341202.80	2.039E+10	1.56294	0.000	1.000000	Compact
80	1.000000	32341202.80	2.039E+10	1.56294	0.000	1.000000	Compact
81	1.000000	32341202.80	2.039E+10	1.56293	0.000	1.000000	Compact
82	1.000000	32341202.80	2.039E+10	1.54756	0.000	1.000000	Compact
83	1.000000	32341202.80	2.039E+10	0.97671	0.000	1.000000	Compact
84	1.000000	32341202.80	2.039E+10	0.74126	0.000	1.000000	Compact
85	1.000000	32341202.80	2.039E+10	0.52401	0.000	1.000000	Compact
86	1.000000	32341202.80	2.039E+10	0.63821	0.000	1.000000	Compact
87	1.000000	32341202.80	2.039E+10	1.00371	0.000	1.000000	Compact
88	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
89	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
90	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
91	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
92	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
93	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
94	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
95	1.000000	32341202.80	2.039E+10	1.64162	0.000	1.000000	Compact
96	1.000000	32341202.80	2.039E+10	1.00977	0.000	1.000000	Compact
97	1.000000	32341202.80	2.039E+10	0.63215	0.000	1.000000	Compact
98	1.000000	32341202.80	2.039E+10	1.41527	0.000	1.000000	Non-Compact
99	1.000000	32341202.80	2.039E+10	1.00061	0.000	1.000000	Non-Compact
100	1.000000	32341202.80	2.039E+10	1.88846	0.000	1.000000	Non-Compact
101	1.000000	32341202.80	2.039E+10	1.00027	0.000	1.000000	Non-Compact
102	1.000000	32341202.80	2.039E+10	1.88838	0.000	1.000000	Non-Compact
103	1.000000	32341202.80	2.039E+10	1.00012	0.000	1.000000	Non-Compact
104	1.000000	32341202.80	2.039E+10	1.88834	0.000	1.000000	Non-Compact
105	1.000000	32341202.80	2.039E+10	1.00003	0.000	1.000000	Non-Compact
106	1.000000	32341202.80	2.039E+10	1.88832	0.000	1.000000	Non-Compact
107	1.000000	32341202.80	2.039E+10	1.88832	0.000	1.000000	Non-Compact
108	1.000000	32341202.80	2.039E+10	1.00003	0.000	1.000000	Non-Compact
109	1.000000	32341202.80	2.039E+10	1.88834	0.000	1.000000	Non-Compact
110	1.000000	32341202.80	2.039E+10	1.00002	0.000	1.000000	Non-Compact
111	1.000000	32341202.80	2.039E+10	1.00065	0.000	1.000000	Non-Compact
112	1.000000	32341202.80	2.039E+10	0.78059	0.000	1.000000	Non-Compact
113	1.000000	32341202.80	2.039E+10	1.00066	0.000	1.000000	Non-Compact
114	1.000000	32341202.80	2.039E+10	1.00000	0.000	1.000000	Non-Compact
115	1.000000	32341202.80	2.039E+10	1.88833	0.000	1.000000	Non-Compact
116	1.000000	32341202.80	2.039E+10	1.00027	0.000	1.000000	Non-Compact
117	1.000000	32341202.80	2.039E+10	1.88846	0.000	1.000000	Non-Compact
118	1.000000	32341202.80	2.039E+10	1.00061	0.000	1.000000	Non-Compact
119	1.000000	32341202.80	2.039E+10	1.41109	0.000	1.000000	Non-Compact
120	1.000000	32341202.80	2.039E+10	0.78505	0.000	1.000000	Non-Compact
55	1.000000	32341202.80	2.039E+10	0.62834	0.000	1.000000	Non-Compact

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 7 of 9

Frame	B2Minor	Fy	E	Length	MajAxisAng	RLLF	SectClass
		Kgf/m2	Kgf/m2	m	Degrees		
63	1.000000	32341202.80	2.039E+10	0.62834	0.000	1.000000	Non-Compact
65	1.000000	32341202.80	2.039E+10	1.37232	0.000	1.000000	Non-Compact
69	1.000000	32341202.80	2.039E+10	0.50000	0.000	1.000000	Non-Compact
70	1.000000	32341202.80	2.039E+10	0.50000	0.000	1.000000	Non-Compact
71	1.000000	32341202.80	2.039E+10	1.33625	0.000	1.000000	Compact
121	1.000000	32341202.80	2.039E+10	1.37232	0.000	1.000000	Non-Compact
122	1.000000	32341202.80	2.039E+10	1.33625	0.000	1.000000	Compact
197	1.000000	32341202.80	2.039E+10	1.26399	0.000	1.000000	Compact
201	1.000000	32341202.80	2.039E+10	1.26399	0.000	1.000000	Compact
603	1.000000	32341202.80	2.039E+10	1.28442	0.000	1.000000	Compact
612	1.000000	32341202.80	2.039E+10	1.28442	0.000	1.000000	Compact
617	1.000000	32341202.80	2.039E+10	1.27500	0.000	1.000000	Compact
618	1.000000	32341202.80	2.039E+10	1.27799	0.000	1.000000	Compact
619	1.000000	32341202.80	2.039E+10	1.28000	0.000	1.000000	Compact
620	1.000000	32341202.80	2.039E+10	1.27500	0.000	1.000000	Compact
621	1.000000	32341202.80	2.039E+10	1.27799	0.000	1.000000	Compact
622	1.000000	32341202.80	2.039E+10	1.28000	0.000	1.000000	Compact
268	1.000000	32341202.80	2.039E+10	2.88275	0.000	1.000000	Compact
269	1.000000	32341202.80	2.039E+10	0.78655	0.000	1.000000	Non-Compact
270	1.000000	32341202.80	2.039E+10	1.35541	0.000	1.000000	Non-Compact
271	1.000000	32341202.80	2.039E+10	1.42591	0.000	1.000000	Non-Compact
272	1.000000	32341202.80	2.039E+10	2.88275	0.000	1.000000	Compact
322	1.000000	32341202.80	2.039E+10	0.78655	0.000	1.000000	Non-Compact
323	1.000000	32341202.80	2.039E+10	1.35541	0.000	1.000000	Non-Compact
324	1.000000	32341202.80	2.039E+10	1.42591	0.000	1.000000	Non-Compact

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 8 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 8 of 9

Frame	FramingType	SDC	Omega0	SystemCd	ErrMsg
72	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
73	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
74	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
75	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
76	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
77	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
78	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
79	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
80	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
81	Intermediate Moment Frame	D	3.000000	5.500000	No Messages

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 8 of 9

Frame	FramingType	SDC	Omega0	SystemCd	ErrMsg
82	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
83	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
84	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
85	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
86	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
87	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
88	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
89	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
90	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
91	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
92	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
93	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
94	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
95	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
96	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
97	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
98	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
99	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
100	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
101	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
102	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
103	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
104	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
105	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
106	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
107	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
108	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
109	Intermediate Moment Frame	D	3.000000	5.500000	No Messages

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 8 of 9

Frame	FramingType	SDC	Omega0	SystemCd	ErrMsg
110	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
111	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
112	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
113	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
114	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
115	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
116	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
117	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
118	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
119	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
120	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
55	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
63	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
65	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
69	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
70	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
71	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
121	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
122	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
197	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
201	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
603	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
612	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
617	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
618	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
619	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
620	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
621	Intermediate Moment Frame	D	3.000000	5.500000	No Messages

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 8 of 9

Frame	FramingType	SDC	Omega0	SystemCd	ErrMsg
622	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
268	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
269	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
270	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
271	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
272	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
322	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
323	Intermediate Moment Frame	D	3.000000	5.500000	No Messages
324	Intermediate Moment Frame	D	3.000000	5.500000	No Messages

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 9 of 9

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 9 of 9

Frame	WarnMsg
72	No Messages
73	No Messages
74	No Messages
75	No Messages
76	No Messages
77	No Messages
78	No Messages
79	No Messages
80	No Messages
81	No Messages
82	No Messages
83	No Messages
84	No Messages
85	No Messages
86	No Messages
87	No Messages
88	No Messages
89	No Messages
90	No Messages
91	No Messages
92	No Messages
93	No Messages
94	No Messages
95	No Messages
96	No Messages
97	No Messages
98	No Messages

Table: Steel Design 2 - PMM Details - AISC 360-10, Part 9 of 9

Frame	WarnMsg
99	No Messages
100	No Messages
101	No Messages
102	No Messages
103	No Messages
104	No Messages
105	No Messages
106	No Messages
107	No Messages
108	No Messages
109	No Messages
110	No Messages
111	No Messages
112	No Messages
113	No Messages
114	No Messages
115	No Messages
116	No Messages
117	No Messages
118	No Messages
119	No Messages
120	No Messages
55	No Messages
63	No Messages
65	No Messages
69	No Messages
70	No Messages
71	No Messages
121	No Messages
122	No Messages
197	No Messages
201	No Messages
603	No Messages
612	No Messages
617	No Messages
618	No Messages
619	No Messages
620	No Messages
621	No Messages
622	No Messages
268	No Messages
269	No Messages
270	No Messages
271	No Messages
272	No Messages
322	No Messages
323	No Messages
324	No Messages

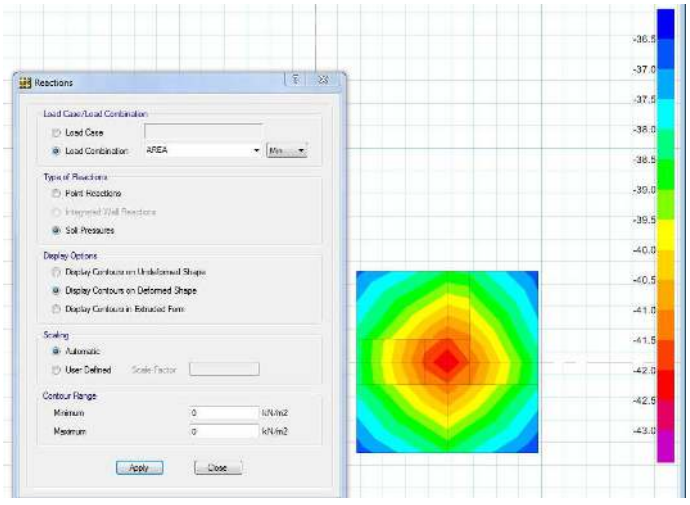
DISEÑO VIGA DE AMARRE:

Como la zona de amenaza sismica de la estructura es intermedia, la mayor dimension de la viga de amarre debe de ser mayor a la luz dividida entre 30. Entonces:

6.01Mts./30=0.21 Mts.
C ó T=0.25*Aa*Pu, donde Pu-carga ultima mayor que baja por la columna.
Para compresion: 0.25*Aa*Pu=Φ*(0.85*f'c*(axb)), entonces axb debe se ser igual o mayor a 4.52 e-4, se toma un a=0.30Mts y un b=0.40Mts.
Para tension: 0.25*Aa*Pu=Φ*(fy*As), entonces As debe ser igual o mayor a 0.15cm² se toma un un As de 3.5cm² para lograr cumplir con cuantia minima.

DISEÑO DE ZAPATA

ESFUERZOS EN EL SUELO:



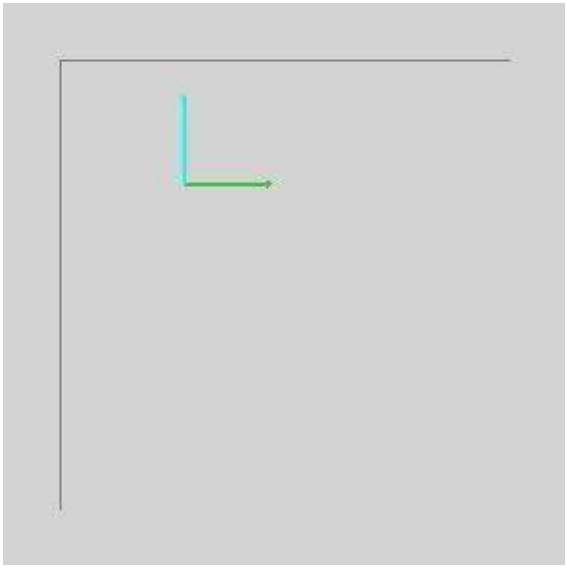
ACI 318-08 Punching Shear Check & Design

Geometric Properties

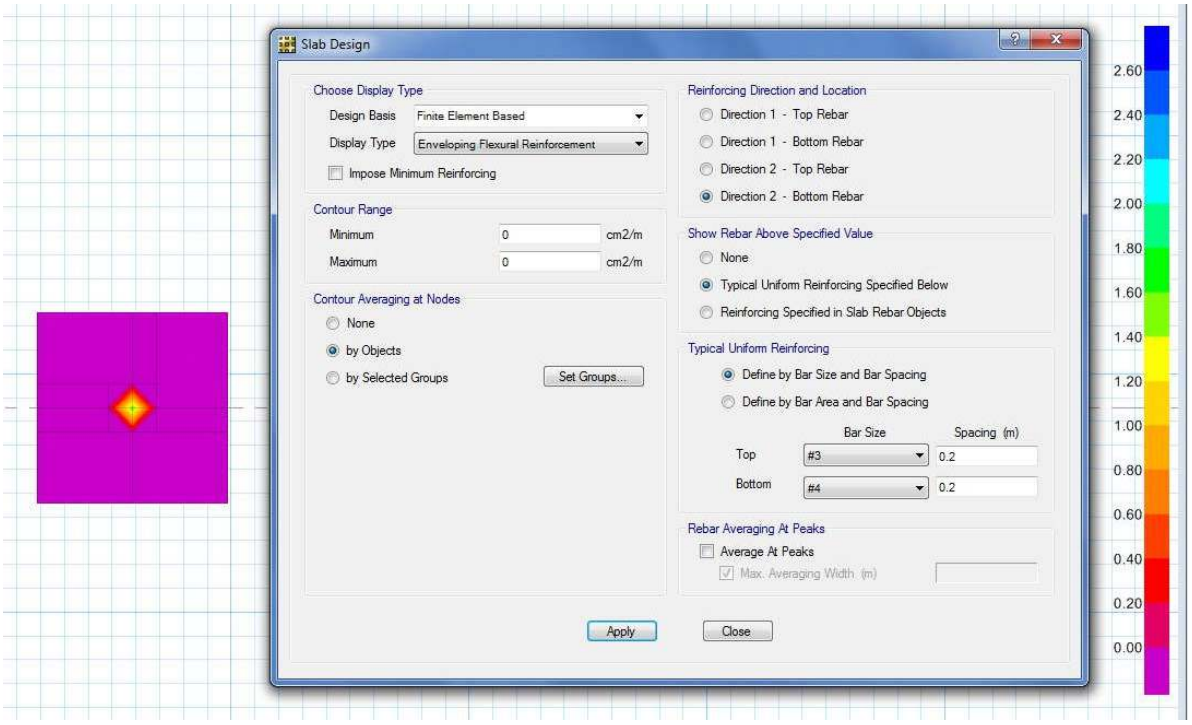
Combination = ENVE
Point Label = 315
Column Shape = Rectangular
Column Location = Corner
Global X-Coordinate = 1.46059 m
Global Y-Coordinate = 9.64 m

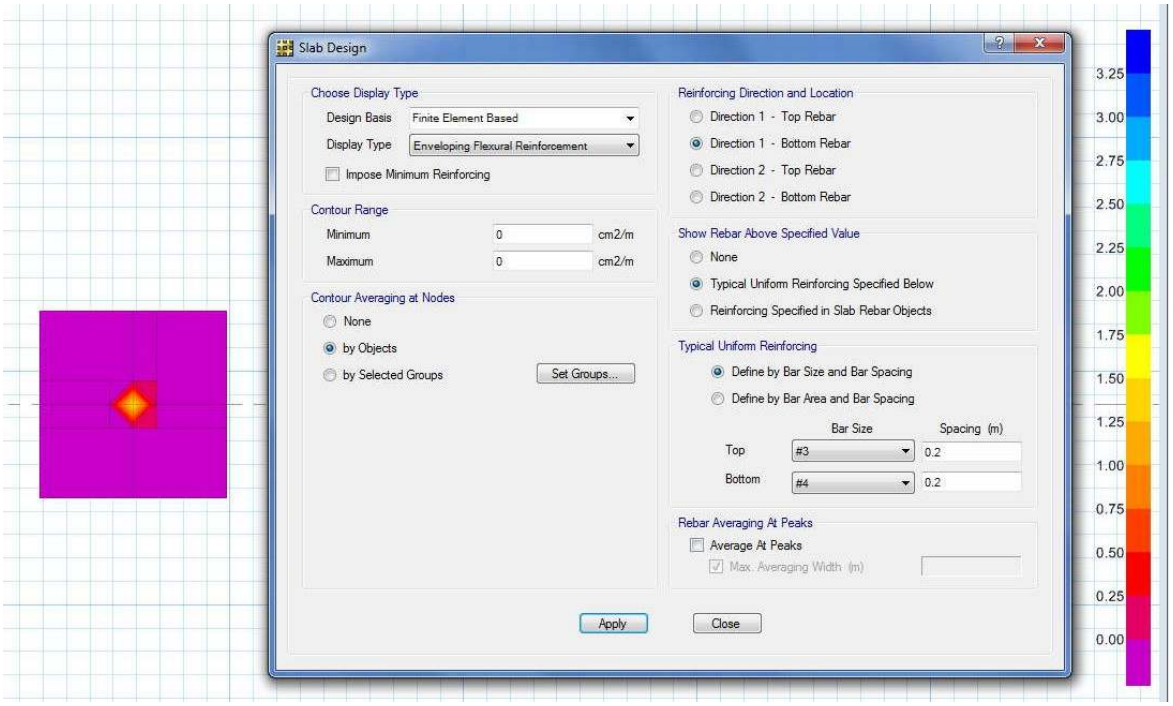
Load Punching Check

Avg. Eff. Slab Thickness = 0.316 m
Eff. Punching Perimeter = 2.759 m
Cover = 0.034 m
Conc. Comp. Strength = 2109.20888 Tonf/m2
Reinforcement Ratio = 0.0000
Section Inertia I22 = 0.18 m4
Section Inertia I33 = 0.18 m4
Section Inertia I23 = 0.1 m4
Shear Force = -8.119 Tonf
Moment Mu2 = -1.2331 Tonf-m
Moment Mu3= -1.2999 Tonf-m
Max Design Shear Stress = 21.321285 Tonf/m2
Conc. Shear Stress Capacity = 115.526128 Tonf/m2
Punching Shear Ratio = 0.18



Column Punching Perimeter


Slab Design
Choose Display Type
Design Basis
Finite Element Based
Display Type
Enveloping Flexural Reinforcement
Impose Minimum Reinforcing
Contour Range
Minimum
0
cm2/m
Maximum
0
cm2/m
Contour Averaging at Nodes
None
by Objects
by Selected Groups
Set Groups...
Reinforcing Direction and Location
Direction 1 - Top Rebar
Direction 1 - Bottom Rebar
Direction 2 - Top Rebar
Direction 2 - Bottom Rebar
Show Rebar Above Specified Value
None
Typical Uniform Reinforcing Specified Below
Reinforcing Specified in Slab Rebar Objects
Typical Uniform Reinforcing
Define by Bar Size and Bar Spacing
Define by Bar Area and Bar Spacing
Bar Size
Spacing (m)
Top
#3
0.2
Bottom
#4
0.2
Rebar Averaging At Peaks
Average At Peaks
Max. Averaging Width (m)
Apply
Close
2.60
2.40
2.20
2.00
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00


Slab Design
Choose Display Type
Design Basis
Finite Element Based
Display Type
Enveloping Flexural Reinforcement
Impose Minimum Reinforcing
Contour Range
Minimum
0
cm2/m
Maximum
0
cm2/m
Contour Averaging at Nodes
None
by Objects
by Selected Groups
Set Groups...
Reinforcing Direction and Location
Direction 1 - Top Rebar
Direction 1 - Bottom Rebar
Direction 2 - Top Rebar
Direction 2 - Bottom Rebar
Show Rebar Above Specified Value
None
Typical Uniform Reinforcing Specified Below
Reinforcing Specified in Slab Rebar Objects
Typical Uniform Reinforcing
Define by Bar Size and Bar Spacing
Define by Bar Area and Bar Spacing
Bar Size
Spacing (m)
Top
#3
0.2
Bottom
#4
0.2
Rebar Averaging At Peaks
Average At Peaks
Max. Averaging Width (m)
Apply
Close
3.25
3.00
2.75
2.50
2.25
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00

DISEÑO DE CORREA

Memorias de Cálculo

PROGRAMA DE DISEÑO Y CALCULO ESTRUCTURAL
ARQUIMET 2.0

Proyecto: _____ **Fecha:** _____

Ingeniero: _____ **Firma:** _____

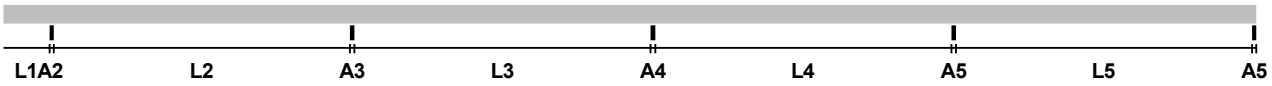
Elementos calculados con el programa de diseño Arquimet 2.0 de ACESCO

REPORTE DE CORREAS

PHR Cajón 160 x 60 x 20 (1.50 mm)
con Fy = 35.15 Kgf/mm² cada 1.70 m sin arriostramiento interior.

SECCION LONGITUDINAL

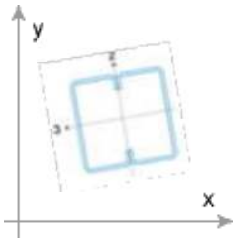
NOTA: El voladizo se debe arriostrar.

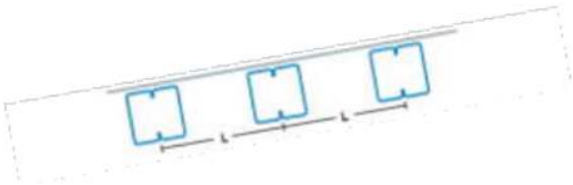


L1	1.00 m
L2	6.50 m
L3	6.50 m
L4	6.50 m
L5	6.50 m
A1	0.00 m
A2	0.10 m
A3	0.10 m
A4	0.10 m
A5	0.10 m
A6	0.10 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	20.00 Kgf/m²
Peso propio correa	7.16 Kgf/m
Carga viva	35.00 Kgf/m²
Carga granizo	0.00 Kgf/m²
Viento compresión (Perpendicular)	38.00 Kgf/m²
Viento succión (Perpendicular)	42.00 Kgf/m²
Pendiente sección transversal	10° = 17.6330%

SECCION TRANSVERSAL





L = 1.70 m

REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Kgf.m)	1344.9293	685.7768	1344.9293	685.7768
Calculado (Kgf.m)	829.4432	116.9361	829.4431	116.9361

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Kgf)	4427.6963	5410.1206
Calculado (Kgf)	698.6768	100.4175

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0244	0.0367
Calculado (m)	0.0096	0.0162

REPORTE ARRUGAMIENTO	
No. de Apoyo	-1
Resistencia máxima (Kgf)	462.0414
Arrugamiento (Kgf)	1129.5543

COMBINACIONES DE CARGA					
No	Muerta	Viva	Granizo	Viento compresión	Viento succión
1	1.4000	0.0000	0.0000	0.0000	0.0000
2	1.2000	0.5000	0.0000	0.0000	0.0000
3	1.2000	0.0000	0.5000	0.0000	0.0000
4	1.2000	1.6000	0.0000	0.5000	0.0000
5	1.2000	0.0000	1.6000	0.5000	0.0000
6	1.2000	1.6000	0.0000	0.0000	0.5000
7	1.2000	0.0000	1.6000	0.0000	0.5000
8	1.2000	0.5000	0.0000	0.0000	1.0000
9	1.2000	0.0000	0.5000	0.0000	1.0000
10	1.2000	0.5000	0.0000	1.0000	0.0000
11	1.2000	0.0000	0.5000	1.0000	0.0000
12	0.9000	0.0000	0.0000	0.0000	1.0000
13	0.9000	0.0000	0.0000	1.0000	0.0000

REACCIONES - EJES GLOBALES (Kgf-m)

Elementos calculados con el programa de diseño Arquimet 2.0 de ACESCO

APOYO 1		
Combinacion	Rx	Ry
Muerta	0.0000	154.2988
Viva de Cub.	0.0000	223.0513
Granizo	0.0000	0.0000
Viento Comp.	-42.0524	238.4909
Viento Succion	46.4789	-263.5950
Comb. 1	-8.0219E-05	216.0183
Comb. 2	-1.4009E-04	296.6842
Comb. 3	-6.9895E-05	185.1586
Comb. 4	-21.0265	661.2862
Comb. 5	-21.0263	304.4041
Comb. 6	-23.2398	673.8383
Comb. 7	-23.2395	316.9561
Comb. 8	-46.4790	560.2792
Comb. 9	-46.4790	448.7535
Comb. 10	-42.0525	535.1752
Comb. 11	-42.0524	423.6495
Comb. 12	-46.4790	402.4639
Comb. 13	-42.0524	377.3598

APOYO 2		
Combinacion	Rx	Ry
Muerta	0.0000	304.9389
Viva de Cub.	0.0000	440.8130
Granizo	0.0000	0.0000
Viento Comp.	-83.1075	471.3260
Viento Succion	91.8556	-520.9393
Comb. 1	2.7291E-05	426.9144
Comb. 2	4.1962E-05	586.3331
Comb. 3	2.8098E-05	365.9267
Comb. 4	-41.5536	1306.8904
Comb. 5	-41.5537	601.5896
Comb. 6	-45.9277	1331.6970
Comb. 7	-45.9278	626.3962
Comb. 8	-91.8556	1107.2723
Comb. 9	-91.8556	886.8659
Comb. 10	-83.1074	1057.6591
Comb. 11	-83.1074	837.2526
Comb. 12	-91.8556	795.3842
Comb. 13	-83.1075	745.7709

APOYO 3		
Combinacion	Rx	Ry
Muerta	0.0000	253.7254
Viva de Cub.	0.0000	366.7799
Granizo	0.0000	0.0000
Viento Comp.	-69.1498	392.1683
Viento Succion	76.4288	-433.4492
Comb. 1	-8.1451E-06	355.2155
Comb. 2	-9.1673E-06	487.8604
Comb. 3	-9.1567E-06	304.4705
Comb. 4	-34.5749	1087.4025
Comb. 5	-34.5749	500.5546
Comb. 6	-38.2144	1108.0428
Comb. 7	-38.2144	521.1951
Comb. 8	-76.4288	921.3096
Comb. 9	-76.4288	737.9197
Comb. 10	-69.1499	880.0287
Comb. 11	-69.1499	696.6387
Comb. 12	-76.4288	661.8020
Comb. 13	-69.1498	620.5211

APOYO 4		
Combinacion	Rx	Ry
Muerta	0.0000	310.0957
Viva de Cub.	0.0000	448.2675
Granizo	0.0000	0.0000
Viento Comp.	-84.5129	479.2965
Viento Succion	93.4090	-529.7488
Comb. 1	3.9355E-06	434.1339
Comb. 2	-4.5511E-06	596.2486
Comb. 3	1.4185E-06	372.1148
Comb. 4	-42.2564	1328.9912
Comb. 5	-42.2565	611.7631
Comb. 6	-46.7045	1354.2173
Comb. 7	-46.7045	636.9893
Comb. 8	-93.4090	1125.9974
Comb. 9	-93.4090	901.8636
Comb. 10	-84.5129	1075.5452
Comb. 11	-84.5129	851.4114
Comb. 12	-93.4090	808.8349
Comb. 13	-84.5129	758.3826

APOYO 5		
Combinacion	Rx	Ry
Muerta	0.0000	106.7834
Viva de Cub.	0.0000	154.3638
Granizo	0.0000	0.0000
Viento Comp.	-29.1026	165.0488
Viento Succion	32.1660	-182.4223
Comb. 1	-1.8190E-06	149.4967
Comb. 2	-1.6251E-07	205.3220
Comb. 3	1.9764E-08	128.1401
Comb. 4	-14.5513	457.6465
Comb. 5	-14.5513	210.6645
Comb. 6	-16.0830	466.3333
Comb. 7	-16.0830	219.3512
Comb. 8	-32.1660	387.7443
Comb. 9	-32.1660	310.5624
Comb. 10	-29.1025	370.3707
Comb. 11	-29.1025	293.1888
Comb. 12	-32.1660	278.5274
Comb. 13	-29.1025	261.1538

FUERZAS INTERNAS - EJES LOCALES (Kgf-m)

Elementos calculados con el programa de diseño Arquimet 2.0 de ACESCO

APOYO 1				
Combinacion	R2	R3	M2	M3
Muerta	26.7937	151.9547	3.9400	-22.3452
Viva de Cub.	38.7323	219.6627	5.6955	-32.3018
Granizo	0.0000	0.0000	0.0000	0.0000
Viento Comp.	0.0000	242.1700	0.0000	-35.6116
Viento Succion	0.0000	267.6613	0.0000	-39.3601
Comb. 1	37.5111	212.7366	5.5160	-31.2833
Comb. 2	51.5185	292.1770	7.5757	-42.9652
Comb. 3	32.1524	182.3456	4.7280	-26.8143
Comb. 4	94.1241	654.8910	13.8408	-96.3030
Comb. 5	32.1524	303.4306	4.7280	-44.6201
Comb. 6	94.1241	667.6367	13.8408	-98.1773
Comb. 7	32.1524	316.1763	4.7280	-46.4944
Comb. 8	51.5185	559.8383	7.5757	-82.3253
Comb. 9	32.1524	450.0070	4.7280	-66.1744
Comb. 10	51.5185	534.3470	7.5757	-78.5768
Comb. 11	32.1524	424.5156	4.7280	-62.4259
Comb. 12	24.1143	404.4206	3.5460	-59.4709
Comb. 13	24.1143	378.9292	3.5460	-55.7223

APOYO 2				
Combinacion	R2	R3	M2	M3
Muerta	52.9521	300.3062	32.3024	-183.1958
Viva de Cub.	76.5464	434.1160	46.6956	-264.8239
Granizo	0.0000	0.0000	0.0000	0.0000
Viento Comp.	0.0000	478.5969	0.0000	-291.9586
Viento Succion	0.0000	528.9756	0.0000	-322.6911
Comb. 1	74.1329	420.4286	45.2234	-256.4742
Comb. 2	101.8157	577.4254	62.1107	-352.2470
Comb. 3	63.5425	360.3674	38.7629	-219.8350
Comb. 4	186.0168	1294.2515	113.4759	-789.5326
Comb. 5	63.5425	599.6658	38.7629	-365.8143
Comb. 6	186.0168	1319.4408	113.4759	-804.8988
Comb. 7	63.5425	624.8552	38.7629	-381.1806
Comb. 8	101.8157	1106.4010	62.1107	-674.9380
Comb. 9	63.5425	889.3430	38.7629	-542.5261
Comb. 10	101.8157	1056.0223	62.1107	-644.2056
Comb. 11	63.5425	838.9643	38.7629	-511.7936
Comb. 12	47.6569	799.2511	29.0722	-487.5674
Comb. 13	47.6569	748.8724	29.0722	-456.8349

APOYO 3				
Combinacion	R2	R3	M2	M3
Muerta	44.0589	249.8707	22.5199	-127.7169
Viva de Cub.	63.6907	361.2077	32.5543	-184.6247
Granizo	0.0000	0.0000	0.0000	0.0000
Viento Comp.	0.0000	398.2181	0.0000	-203.5420
Viento Succion	0.0000	440.1359	0.0000	-224.9674
Comb. 1	61.6825	349.8190	31.5279	-178.8036
Comb. 2	84.7161	480.4487	43.3011	-245.5726
Comb. 3	52.8707	299.8449	27.0239	-153.2603
Comb. 4	154.7758	1076.8862	79.1108	-550.4308
Comb. 5	52.8707	498.9539	27.0239	-255.0312
Comb. 6	154.7758	1097.8451	79.1108	-561.1436
Comb. 7	52.8707	519.9128	27.0239	-265.7440
Comb. 8	84.7161	920.5846	43.3011	-470.5401
Comb. 9	52.8707	739.9807	27.0239	-378.2277
Comb. 10	84.7161	878.6669	43.3011	-449.1146
Comb. 11	52.8707	698.0630	27.0239	-356.8022
Comb. 12	39.6530	665.0195	20.2679	-339.9126
Comb. 13	39.6530	623.1017	20.2679	-318.4872

APOYO 4				
Combinacion	R2	R3	M2	M3
Muerta	53.8475	305.3846	33.2874	-188.7821
Viva de Cub.	77.8408	441.4573	48.1195	-272.8994
Granizo	0.0000	0.0000	0.0000	0.0000
Viento Comp.	0.0000	486.6905	0.0000	-300.8615
Viento Succion	0.0000	537.9211	0.0000	-332.5312
Comb. 1	75.3866	427.5385	46.6023	-264.2950
Comb. 2	103.5375	587.1902	64.0046	-362.9883
Comb. 3	64.6171	366.4615	39.9449	-226.5386
Comb. 4	189.1624	1316.1385	116.9361	-813.6083
Comb. 5	64.6171	609.8068	39.9449	-376.9693
Comb. 6	189.1624	1341.7538	116.9361	-829.4432
Comb. 7	64.6171	635.4221	39.9449	-392.8042
Comb. 8	103.5375	1125.1113	64.0046	-695.5194
Comb. 9	64.6171	904.3826	39.9449	-559.0698
Comb. 10	103.5375	1073.8807	64.0046	-663.8497
Comb. 11	64.6171	853.1520	39.9449	-527.4001
Comb. 12	48.4628	812.7672	29.9586	-502.4351
Comb. 13	48.4628	761.5366	29.9586	-470.7654

FUERZAS INTERNAS - EJES LOCALES (Kgf-m) *Elementos calculados con el programa de diseño Arquimet 2.0 de ACESCO*

APOYO 5				
Combinacion	R2	R3	M2	M3
Muerta	18.5427	105.1611	-1.9531E-05	4.6875E-05
Viva de Cub.	26.8050	152.0186	-3.9063E-06	0.0000
Granizo	0.0000	0.0000	0.0000	0.0000
Viento Comp.	0.0000	167.5949	0.0000	0.0000
Viento Succion	0.0000	185.2365	0.0000	-3.1250E-05
Comb. 1	25.9598	147.2256	-2.7344E-05	6.5625E-05
Comb. 2	35.6538	202.2027	-2.5391E-05	5.6250E-05
Comb. 3	22.2513	126.1933	-2.3438E-05	5.6250E-05
Comb. 4	65.1393	453.2206	-2.9688E-05	5.6250E-05
Comb. 5	22.2513	209.9908	-2.3438E-05	5.6250E-05
Comb. 6	65.1393	462.0414	-2.9688E-05	4.0625E-05
Comb. 7	22.2513	218.8116	-2.3438E-05	4.0625E-05
Comb. 8	35.6538	387.4391	-2.5391E-05	2.5000E-05
Comb. 9	22.2513	311.4298	-2.3438E-05	2.5000E-05
Comb. 10	35.6538	369.7975	-2.5391E-05	5.6250E-05
Comb. 11	22.2513	293.7882	-2.3438E-05	5.6250E-05
Comb. 12	16.6885	279.8815	-1.7578E-05	1.0937E-05
Comb. 13	16.6885	262.2399	-1.7578E-05	4.2187E-05

PLANOS CONSTRUCTIVOS